Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/24/2018 - 10:17 AM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	70
%	83%

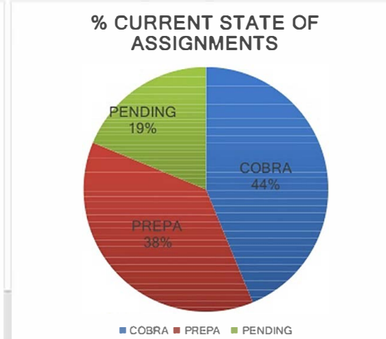
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	669	600
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2004	1567

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	650	459	843	637	73%
Totals	757	565	1247	1002	78%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW Installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Master finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/24/2018	IN PROGRESS		2	99%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✔	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/17/2018	IN PROGRESS		8	98%	Removed from FLUOR scope. PUMA pending.
36200	115	Daguao - Fajardo	PREPA	23	23	100%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/9/2018	IN PROGRESS	✘	9	100%	FLUOR/PREPA.Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	89%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	66%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018. Tu
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	11/15/2018			18	11%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	565		1247	1002														

y

COBRA	7
PREPA	6
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/10/2018 - 8:42 AM

85% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

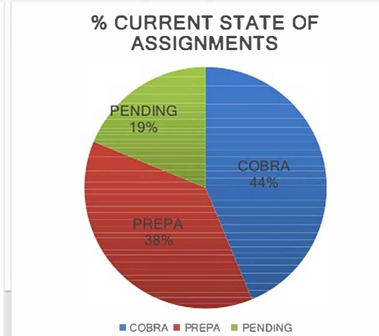
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	73
Totals	103	88

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	60	669	600
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	88	2004	1567

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	650	459	843	637	73%
Totals	757	565	1247	1002	78%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/23/2018	IN PROGRESS		2	86%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/17/2018	IN PROGRESS		8	98%	Removed from FLUOR scope. PUMA pending.
36200	115	Daguao - Fajardo	PREPA	23	23	100%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/9/2018	COMPLETED	✗	9	100%	FLUOR/PREPA.Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	81%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	61%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018. Tu
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	10/20/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	565		1247	1002														

y

COBRA	7
PREPA	6
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/10/2018 - 8:03 AM

85% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

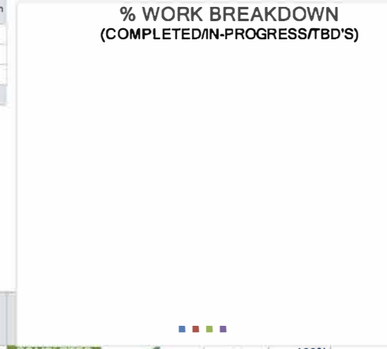
TOTAL ENERGIZED

TOTALS BY kV		
(kV)	LINE SEGMENT	COMPLETED
230	17	15
115	86	73
Totals	103	88

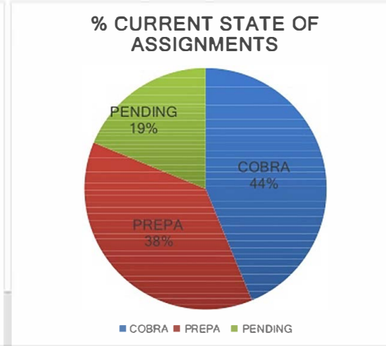
	TOTALS BY RESOURCE		TOTALS BY DAMAGE ASSIGNED	
	LINE SEGMENT	COMPLETED	ASSIGNED	COMPLETED
PREPA	66	60	669	600
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	88	2004	1567

	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
(kV)	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	106	404	365	92%
115	650	459	843	637	73%
Totals	757	565	1247	65.13604	31%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



% CURRENT STATE OF ASSIGNMENTS



				Structures Repaired			Other Damage Repaired			Assessment		1149 Process		Wire Stringing							
Line	Voltage (kV)	Task Name	Resource	Structures Down	Structures Repaired	% Structures Repaired	Other Damage	Other Damage Repaired	% Other Damage Repaired	Detailed Assessment complete	Assessment Expected Completion	Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Cana	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Cana - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/23/2018	IN PROGRESS		2	86%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/17/2018	IN PROGRESS		8	98%	Removed from FLUOR scope. PUMA pending.
36200	115	Daguao - Fajardo	PREPA	23	23	100%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/9/2018	COMPLETED	✗	9	100%	FLUOR/PREPA.Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	81%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	61%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018. Tu
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	10/20/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	565		1247	1002														

y

COBRA	7
PREPA	6
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/17/2018 - 9:36 AM

85% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	70
%	83%

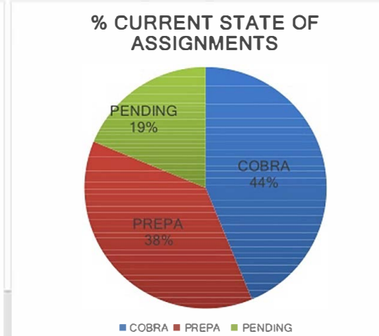
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	73
Totals	103	88

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	60	669	600
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	88	2004	1567

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	650	459	843	637	73%
Totals	757	565	1247	1002	78%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/23/2018	IN PROGRESS		2	86%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✓	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Delayed due to PUMA.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/17/2018	IN PROGRESS		8	98%	Removed from FLUOR scope. Delayed due to PUMA.
36200	115	Daguao - Fajardo	PREPA	23	23	100%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/9/2018	COMPLETED	✗	9	100%	FLUOR/PREPA.Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	82%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	61%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018. Tu
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	10/20/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	565		1247	1002														

y

COBRA	7
PREPA	6
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/16/2018 - 3:28 PM

85% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	70
%	83%

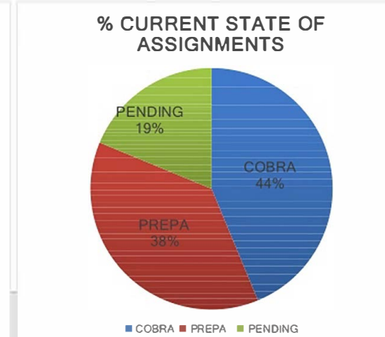
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	73
Totals	103	88

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	60	669	600
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	88	2004	1567

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	650	459	843	637	73%
Totals	757	565	1247	1002	78%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/23/2018	IN PROGRESS		2	86%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✔	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/17/2018	IN PROGRESS		8	98%	Removed from FLUOR scope. PUMA pending.
36200	115	Daguao - Fajardo	PREPA	23	23	100%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/9/2018	COMPLETED	✘	9	100%	FLUOR/PREPA.Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	82%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	61%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018. Tu
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	10/20/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	565		1247	1002														

y

COBRA	7
PREPA	6
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/09/2018 - 3:49 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

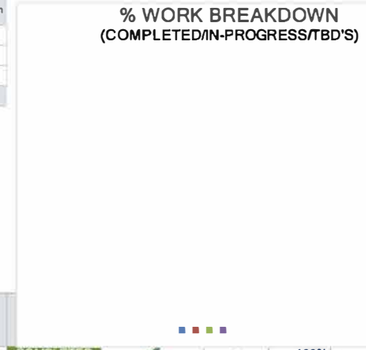
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

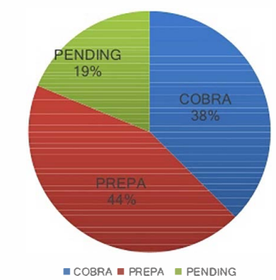
	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	596
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2002	1563

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	648	456	843	636	73%
Totals	755	562	1247	65.08842	31%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test falled. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	7/30/2018	IN PROGRESS		2	84%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/21/2018	IN PROGRESS		7	73%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/15/2018	IN PROGRESS		8	88%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	20	95%	19	18	95%	Yes		Yes	No	Yes	No	1/31/2018	7/15/2018	IN PROGRESS		9	75%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/15/2018	IN PROGRESS		11	53%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/18/2018	IN PROGRESS		12	90%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/2/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	9/22/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	562		1247	1001														

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COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/18/2018 - 3:15 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

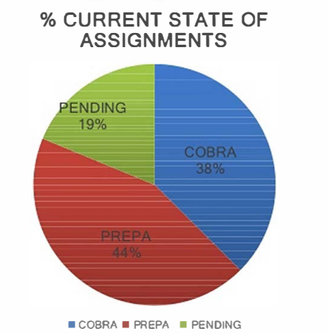
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	669	598
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2004	1565

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	650	457	843	637	73%
Totals	757	563	1247	65.04908	31%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	7/30/2018	IN PROGRESS		2	88%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✘	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/31/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/31/2018	IN PROGRESS		8	90%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	23	21	91%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	92%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/15/2018	IN PROGRESS		11	77%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/18/2018	IN PROGRESS		12	59%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/2/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	9/22/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	563		1247	1002														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/11/2018 - 4:11 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

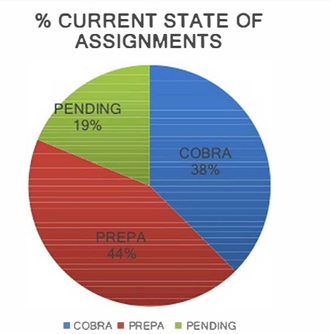
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	597
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2002	1564

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	365	92%
115	648	456	843	637	73%
Totals	755	562	1247	65.08842	31%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama/ A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	7/30/2018	IN PROGRESS		2	84%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✘	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/21/2018	IN PROGRESS		7	74%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/15/2018	IN PROGRESS		8	88%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	20	95%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	7/15/2018	IN PROGRESS		9	90%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/15/2018	IN PROGRESS		11	53%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/18/2018	IN PROGRESS		12	90%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/2/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	9/22/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	562		1247	1002														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/25/2018 - 4:07 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

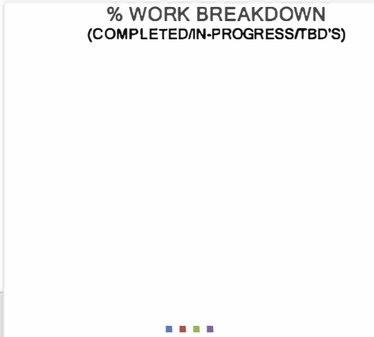
TOTAL ENERGIZED

TOTALS BY kV		
(kV)	LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

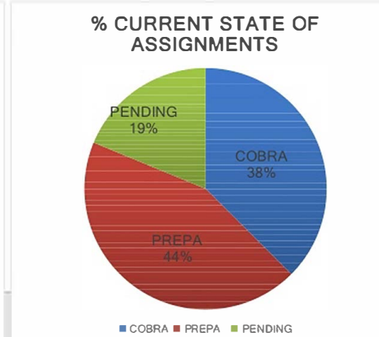
	TOTALS BY RESOURCE		TOTALS BY DAMAGE ASSIGNED	
	LINE SEGMENT	COMPLETED	ASSIGNED	COMPLETED
PREPA	66	59	669	598
WHITEFISH	5	5	123	123
COBRA	16	10	796	590
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2004	1565

	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
(kV)	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	106	404	365	92%
115	650	457	843	637	73%
Totals	757	563	1247	65.04908	31%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



% CURRENT STATE OF ASSIGNMENTS



				Structures Repaired			Other Damage Repaired			Assessment		1149 Process		Wire Stringing							
Line	Voltage (kV)	Task Name	Resource	Structures Down	Structures Repaired	% Structures Repaired	Other Damage	Other Damage Repaired	% Other Damage Repaired	Detailed Assessment complete	Assessment Expected Completion	Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish				
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100% n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100% n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100% n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100% n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100% n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100% n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100% n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100% n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100% n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100% Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100% n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100% n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100% n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100% n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100% n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100% OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100% WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100% PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100% Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100% OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100% n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100% n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100% n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100% Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100% Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/22/2018	IN PROGRESS		2	85%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/31/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/31/2018	IN PROGRESS		8	95%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	23	21	91%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	95%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/15/2018	IN PROGRESS		11	78%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/18/2018	IN PROGRESS		12	45%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/2/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	9/22/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	563		1247	1002														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/02/2018 - 7:11 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

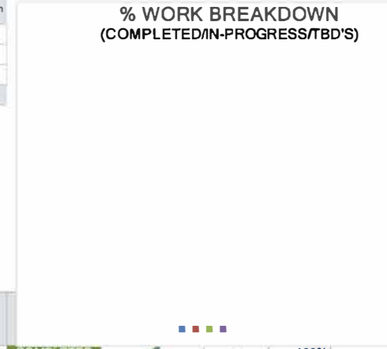
TOTAL ENERGIZED

TOTALS BY kV		
(kV)	LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

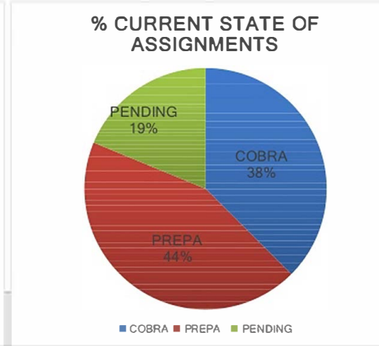
	TOTALS BY RESOURCE		TOTALS BY DAMAGE ASSIGNED	
	LINE SEGMENT	COMPLETED	ASSIGNED	COMPLETED
PREPA	65	59	629	578
WHITEFISH	5	5	123	123
COBRA	17	10	836	610
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2004	1565

	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
(kV)	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	106	404	365	92%
115	650	457	843	637	73%
Totals	757	563	1247	65.04908	31%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



% CURRENT STATE OF ASSIGNMENTS



				Structures Repaired			Other Damage Repaired			Assessment		1149 Process		Wire Stringing							
Line	Voltage (kV)	Task Name	Resource	Structures Down	Structures Repaired	% Structures Repaired	Other Damage	Other Damage Repaired	% Other Damage Repaired	Detailed Assessment complete	Assessment Expected Completion	Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	10	33%	Yes		Yes	No	Yes	No	10/17/2017	8/23/2018	IN PROGRESS		2	85%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✘	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	8/24/2018	IN PROGRESS		7	75%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	8/10/2018	IN PROGRESS		8	95%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	23	21	91%	19	19	100%	Yes		Yes	No	Yes	No	1/31/2018	8/10/2018	IN PROGRESS		9	95%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/30/2018	IN PROGRESS		11	78%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/15/2018	IN PROGRESS		12	45%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	COBRA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	10/20/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	9/22/2018			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				757	563		1247	1002														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/06/2018 - 5:50 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

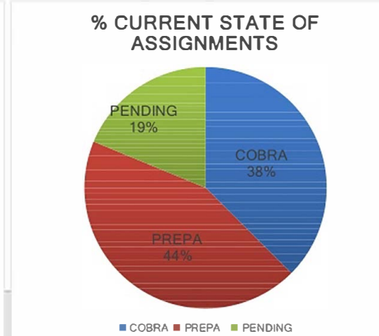
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	596
WHITEFISH	5	5	123	123
COBRA	16	10	796	566
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2002	1539

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	443	843	636	72%
Totals	755	546	1247	64.43306	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	7/30/2018	IN PROGRESS		2	95%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✘	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/21/2018	IN PROGRESS		7	73%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/15/2018	IN PROGRESS		8	88%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	20	95%	19	18	95%	Yes		Yes	No	Yes	No	1/31/2018	7/15/2018	IN PROGRESS		9	75%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	8/15/2018	IN PROGRESS		11	91%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/18/2018	IN PROGRESS		12	42%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/2/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	9/22/2018			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	546		1247	993														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/22/2018 - 9:19 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

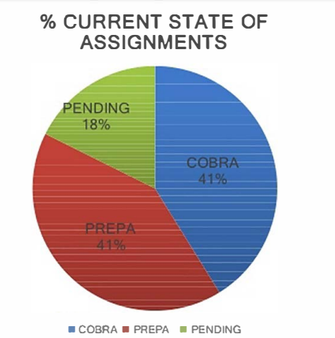
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	589
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1526

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	437	843	629	71%
Totals	755	540	1247	63.86163	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Master finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18 - Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	81%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	99%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/29/2018	IN PROGRESS		7	67%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	83%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	15	71%	19	17	89%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	58%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	50%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	540		1247	986														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/25/2018 - 5:25 PM

83% OVERALL PROGRESS (As per completed Tasks)

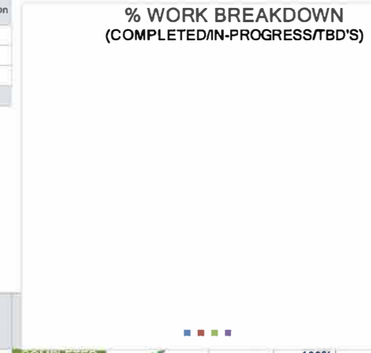
(kV)	
230	15
115	69
%	82%

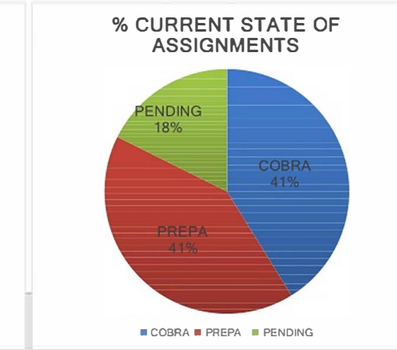
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	589
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1526

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	437	843	629	71%
Totals	755	540	1247	63.86163	30%





Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material. change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Master finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	81%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	99%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/29/2018	IN PROGRESS		7	67%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	83%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	15	71%	19	17	89%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	58%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	50%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	540		1247	986														

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COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 07/02/2018 - 3:55 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

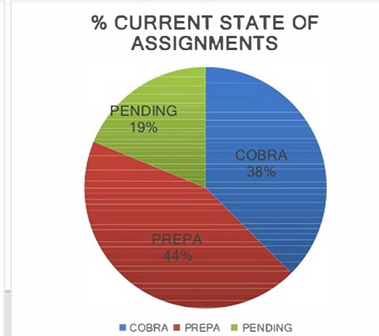
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	594
WHITEFISH	5	5	123	123
COBRA	16	10	796	566
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2002	1537

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	442	843	635	72%
Totals	755	545	1247	64.38544	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama/ A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	TBD	IN PROGRESS		2	83%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	7/21/2018	IN PROGRESS		7	72%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	7/15/2018	IN PROGRESS		8	87%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	19	90%	19	17	89%	Yes		Yes	No	Yes	No	1/31/2018	7/15/2018	IN PROGRESS		9	72%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	52%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	42%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	545		1247	992														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/18/2018 - 6:18 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

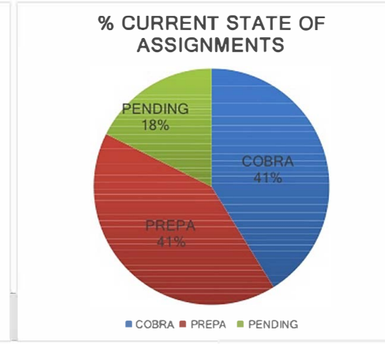
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	TOTALS BY kV COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	TOTALS BY RESOURCE COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	TOTALS BY DAMAGE ASSIGNED COMPLETED
PREPA	66	59	667	578
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1515

(kV)	STRUCTURES (Towers/Poles) DOWN	STRUCTURES (Towers/Poles) REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	DAMAGES (Conductors/Insulators) REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	430	843	625	71%
Totals	755	533	1247	63.22354	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery

Inspected by: _____
Date: _____

41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2
50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damagos). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damages
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGWwill be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	80%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done. Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✗	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	99%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/29/2018	IN PROGRESS		7	60%	Reprioritized by PREPAon Dec 27.2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	1	20%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	80%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	10	48%	19	13	68%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	26%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	49%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	533		1247	982														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/27/2018 - 9:42 PM

84% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	69
%	82%

TOTAL ENERGIZED

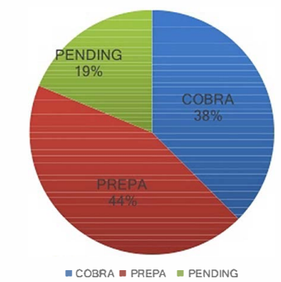
(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	72
Totals	103	87

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	592
WHITEFISH	5	5	123	123
COBRA	16	10	796	566
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/Mas Tec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	87	2002	1535

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	440	843	635	72%
Totals	755	543	1247	64.29021	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)

% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW Installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Master finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama/ A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	82%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✓	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	COMPLETED	✗	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	6	100%	Yes				Yes	No	2/19/2018	6/29/2018	IN PROGRESS		7	70%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	3	60%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	85%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	17	81%	19	17	89%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	68%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	52%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	543		1247	992														

y

COBRA	6
PREPA	7
PENDING	3
	16

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/20/2018 - 3:32 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

TOTAL ENERGIZED

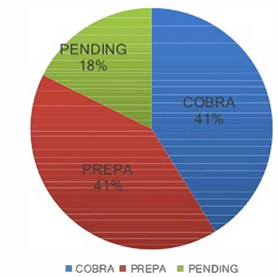
(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	584
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1521

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	434	843	627	71%
Totals	755	537	1247	63.5664	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)

% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	80%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	99%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/29/2018	IN PROGRESS		7	65%	Reprioritized by PREPA on Dec 27,2017. Tower assembly.
39000	115	Toro Negro - Barranquitas	PREPA	5	2	40%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	82%	Removed from FLUOR scope. Wire stringing from T-179 to T-182.
36200	115	Daguao - Fajardo	PREPA	21	13	62%	19	15	79%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	48%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	49%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	537		1247	984														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/11/2018 - 3:58 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

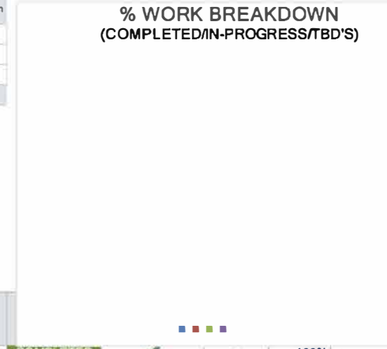
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

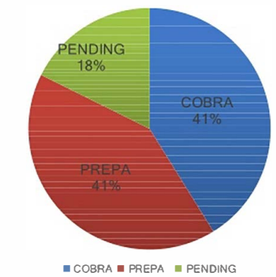
	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	657	560
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	1992	1497

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	428	833	609	70%
Totals	755	531	1237	62.97592	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	No						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/22/2018	IN PROGRESS		7	47%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/29/2018	IN PROGRESS		8	40%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	8%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope. 06/01/2018 PI
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	531		1237	966														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/15/2018 - 5:41 PM

83% OVERALL PROGRESS (As per completed Tasks)

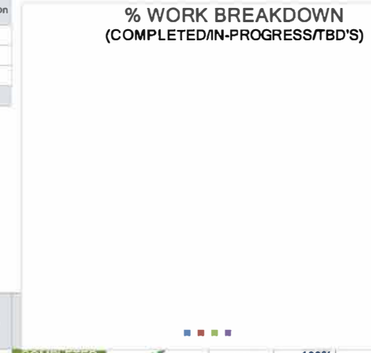
(kV)	
230	15
115	68
%	81%

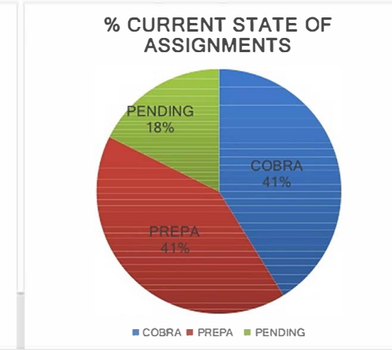
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	667	578
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/Mas Tec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1515

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	430	843	625	71%
Totals	755	533	1247	63.22354	30%





Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW Installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW Installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material. change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Master finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	80%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✗	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	98%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED D	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/22/2018	IN PROGRESS		7	55%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	1	20%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	46%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	10	48%	19	13	68%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	15%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	49%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	533		1247	982														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/13/2018 - 12:04 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

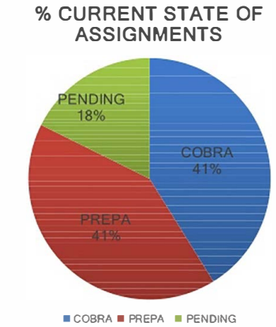
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	TOTALS BY kV COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	TOTALS BY RESOURCE COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	TOTALS BY DAMAGE ASSIGNED COMPLETED
PREPA	66	59	667	578
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	2002	1515

(kV)	STRUCTURES (Towers/Poles) DOWN	STRUCTURES (Towers/Poles) REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	DAMAGES (Conductors/Insulators) REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	430	843	625	71%
Totals	755	533	1247	63.22354	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 028/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	79%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	91%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	5	83%	Yes				Yes	No	2/19/2018	6/22/2018	IN PROGRESS		7	55%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	1	20%	4	4	100%	Yes				Yes	No	3/24/2018	6/29/2018	IN PROGRESS		8	46%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	10	48%	19	13	68%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	15%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	48%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	533		1247	982														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/04/2018 - 6:37 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	67
%	80%

TOTAL ENERGIZED

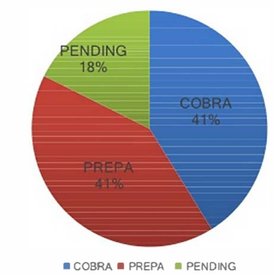
(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	657	560
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	1992	1497

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	428	833	609	70%
Totals	755	531	1237	62.97592	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)

% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery

Inspected by: _____
Date: _____

41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2
50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damages
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGWwill be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW Installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done. Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✗	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	No						3/24/2018	5/31/2018	COMPLETED	✗	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018.
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/15/2018	IN PROGRESS		7	43%	Reprioritized by PREPAon Dec 27.2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/15/2018	IN PROGRESS		8	34%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	TBD	IN PROGRESS		9	3%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope. 06/01/2018 Pl
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW Installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	531		1237	966														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/08/2018 - 4:35 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

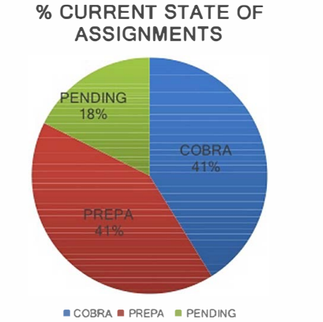
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	657	560
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	1992	1497

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	428	833	609	70%
Totals	755	531	1237	62.97592	30%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-ST(
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery

Inspected by: _____
Date: _____

41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2
50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damages
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGWwill be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Majaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done. Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✗	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	No						3/24/2018	5/31/2018	COMPLETED	✓	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/15/2018	IN PROGRESS		7	45%	Reprioritized by PREPAon Dec 27.2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/15/2018	IN PROGRESS		8	37%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	4%	FLUOR/PREPA-Proposedfinish was 4/3/2018. Removed from FLUOR scope. 06/01/2018 Pl
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	531		1237	966														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/06/2018 - 3:54 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	68
%	81%

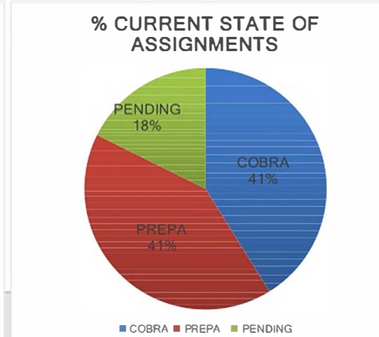
TOTAL ENERGIZED

TOTALS BY kV		
(kV)	LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE		TOTALS BY DAMAGE ASSIGNED	
	LINE SEGMENT	COMPLETED	ASSIGNED	COMPLETED
PREPA	66	59	657	560
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	1992	1497

	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
(kV)	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	103	404	357	90%
115	648	428	833	609	70%
Totals	755	531	1237	62.97592	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	No						3/24/2018	5/31/2018	COMPLETED D	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/15/2018	IN PROGRESS		7	45%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/15/2018	IN PROGRESS		8	37%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	7/31/2018	IN PROGRESS		9	4%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope. 06/01/2018 PI
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	531		1237	966														

y

COBRA	7
PREPA	7
PENDING	3
	17

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 08/31/2018 - 8:34 AM

86% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	16
115	70
%	83%

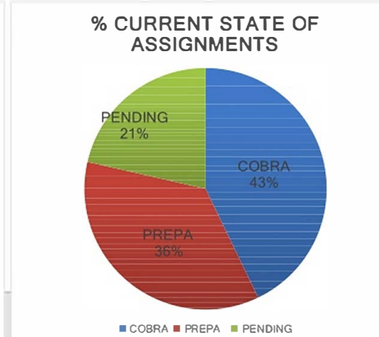
TOTAL ENERGIZED

(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	16
115	86	73
Totals	103	89

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	65	60	629	562
WHITEFISH	5	5	123	123
COBRA	17	11	813	610
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	89	1981	1549

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	106	404	385	96%
115	639	440	831	618	72%
Totals	746	546	1235	1003	78%

% WORK BREAKDOWN
(COMPLETED/IN-PROGRESS/TBD'S)



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired: Structures Repaired	Structures Repaired: % Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired: Other Damage Repaired	Other Damage Repaired: % Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment: Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	1149 Process: Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing: Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC, 16-Damages) on 2/7/2018. Cobra is working (3-STC, 5-Damages).
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC, 46-Damages
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	13	100%	30	30	100%	Yes		Yes	No	Yes	No	10/17/2017	8/28/2018	COMPLETED	✔	2	100%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✔	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	3	100%	15	15	100%	Yes		Yes	No	Yes	No	1/28/2018	7/6/2018	COMPLETED	✔	3	100%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	Yes						3/24/2018	5/31/2018	COMPLETED	✔	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018. Energiz
39000	115	Barranquitas - Comerio	PREPA	2	2	100%	8	6	75%	Yes				Yes	No	2/19/2018	9/8/2018	IN PROGRESS		7	82%	Reprioritized by PREPA on Dec 27,2017. Pending of conductor works.
39000	115	Toro Negro - Barranquitas	PREPA	5	5	100%	4	4	100%	Yes				Yes	No	3/24/2018	8/24/2018	COMPLETED	✘	8	100%	Removed from FLUOR scope. Line completed, pending of works at Toro Negro H.P.
36200	115	Daguao - Fajardo	COBRA	12	0	0%	5	0	0%	Yes		Yes	No	Yes	No	7/31/2018	10/8/2018	IN PROGRESS		9	15%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope (9-STC, 6-Dar
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	Line work completed. Pending of OCB 36110 conduits replacement (ETC 9/21/2018)
36300	115	Rio Blanco - Humacao	COBRA	26	16	62%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	9/5/2018	IN PROGRESS		11	89%	Removed from FLUOR scope. Assigned to COBRA. Working on tower installation.
36300	115	Jobos - Maunabo	COBRA	51	16	31%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	9/29/2018	IN PROGRESS		12	66%	Removed from FLUOR scope. Assigned to COBRA. Working on tower installation.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	9/23/2018	IN PROGRESS		13	95%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	10/23/2018	IN PROGRESS		14	27%	Removed from FLUOR. Assigned to COBRA. Working on access and poles installation.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	Removed from FLUOR. Assigned to PREPA.
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	9/30/2018	IN PROGRESS		17	66%	Removed from COBRA. Assigned to PREPA. Working on assessment and access.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	11/15/2018			18	11%	Spans damaged. Working on assessment and access.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	10/10/2018			19	0%	Removed from FLUOR scope. Assigned to COBRA.
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				746	546		1235	1003														

y

COBRA	6
PREPA	5
PENDING	3
	14

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 05/31/2018 - 4:10 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	67
%	80%

TOTAL ENERGIZED

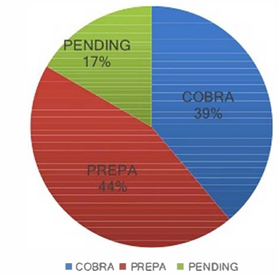
TOTALS BY kV		
(kV)	LINE SEGMENT	COMPLETED
230	17	15
115	86	70
Totals	103	85

	TOTALS BY RESOURCE		TOTALS BY DAMAGE ASSIGNED	
	LINE SEGMENT	COMPLETED	ASSIGNED	COMPLETED
PREPA	66	58	657	551
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	85	1992	1488

	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
(kV)	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	103	404	357	90%
115	648	426	833	602	69%
Totals	755	529	1237	61.97592	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)

% CURRENT STATE OF ASSIGNMENTS



				Structures Repaired			Other Damage Repaired			Assessment		1149 Process		Wire Stringing							
Line	Voltage (kV)	Task Name	Resource	Structures Down	Structures Repaired	% Structures Repaired	Other Damage	Other Damage Repaired	% Other Damage Repaired	Detailed Assessment complete	Assessment Expected Completion	Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish				
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100% n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100% n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100% n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100% n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100% n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100% n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100% n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100% n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100% n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100% Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100% n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100% n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100% n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100% n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100% n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100% OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100% WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100% PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100% Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100% OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100% n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100% n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100% Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100% n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100% OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100% Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100% Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✔	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✔	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✔	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✔	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✔	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✔	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✔	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✔	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✔	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✔	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✘	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✔	1	100%	COBRA/PREPA-OPGW partially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/1/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✔	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✘	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending.
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/1/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✔	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	0	0%	7	0	0%	No						3/24/2018	6/1/2018	IN PROGRESS		6	95%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/15/2018	IN PROGRESS		7	40%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/15/2018	IN PROGRESS		8	35%	Removed from FLUOR scope. Tower assembly
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			9	85%	Reprioritized by PREPA.
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✘	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	TBD	IN PROGRESS		13	17%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope. 05/21/2018 PI
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	529		1237	959														

y

COBRA	7
PREPA	8
PENDING	3
	18

Inspected by: _____
Date: _____

Executive Report- Huracan Maria
Electric System Reestablishment Plan - Transmission Lines

DATE: 06/01/2018 - 4:23 PM

83% OVERALL PROGRESS (As per completed Tasks)

(kV)	
230	15
115	67
%	80%

TOTAL ENERGIZED

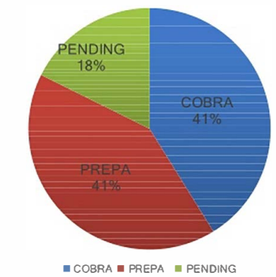
(kV)	TOTALS BY kV LINE SEGMENT	COMPLETED
230	17	15
115	86	71
Totals	103	86

	TOTALS BY RESOURCE LINE SEGMENT	COMPLETED	TOTALS BY DAMAGE ASSIGNED ASSIGNED	COMPLETED
PREPA	66	59	657	560
WHITEFISH	5	5	123	123
COBRA	16	9	796	560
NYPA	3	3	15	15
Fluor/PIKE	6	6	109	109
Fluor/ARC	1	1	27	27
Fluor/MasTec	0	0	0	0
Fluor/SEC	1	1	25	25
USACE/PowerSecure	2	2	32	32
Pending-RFP	3	0	208	46
Totals	103	86	1992	1497

(kV)	STRUCTURES (Towers/Poles) DOWN	REPAIRED	DAMAGES (Conductors/Insulators) DEFICIENCY	REPAIRED	Overall Repairs/Restoration %
230	107	103	404	357	90%
115	648	428	833	609	70%
Totals	755	531	1237	62.97592	30%

% WORK BREAKDOWN (COMPLETED/IN-PROGRESS/TBD'S)

% CURRENT STATE OF ASSIGNMENTS



Line	Voltage (kV)	Task Name	Resource	Structures Repaired: Structures Down	Structures Repaired	% Structures Repaired	Other Damage Repaired: Other Damage	Other Damage Repaired	% Other Damage Repaired	Assessment: Detailed Assessment complete	Assessment Expected Completion	1149 Process: Issued 1149 and/or BOM to USACE/PREPA	Fulfilled 1149/BOM USACE PREPA	Wire Stringing: Wire Stringing Required (Yes or No)	Wire Stringing Completed (Yes or No)	Start	Proposed Finish					
37700	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		Yes	-	-	-	9/22/2017	9/22/2017	COMPLETED	✓	-	100%	n/a
37600	115	Palo Seco S.P. - Bayamon TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/23/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38500	115	San Juan S.P. - Hato Rey TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/26/2017	9/26/2017	COMPLETED	✓	-	100%	n/a
40300	115	Pattern - Sta. Isabel TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/23/2017	9/26/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
40300	115	Ponce TC - Pattern	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/23/2017	9/27/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37100	115	S. German - Acacias	PREPA	0	0	n/a	2	2	100%	Yes		-	-	-	-	9/28/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50300	230	Aguirre S.P. - Costa Sur S.P.	PREPA	0	0	n/a	12	12	100%	Yes		-	-	-	-	9/23/2017	9/28/2017	COMPLETED	✓	-	100%	n/a
50400	230	Costa Sur S.P. - Mayaguez TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/28/2017	9/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Canas TC - Ponce TC	PREPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	9/29/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51100	230	Costa Sur S.P. - EcoElectrica	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	9/30/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51200	230	Costa Sur S.P. - Cambalache TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	9/27/2017	9/30/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36900	115	Costa Sur S.P. - Canas TC	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	9/27/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39100	115	Cambalache TC - Hatillo TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/1/2017	10/1/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
51300	230	Costa Sur S.P. - Ponce TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	9/29/2017	10/1/2017	COMPLETED	✓	-	100%	n/a
37200	115	Anasco TC - Aguadilla TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	10/2/2017	10/2/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36700	115	Mayaguez TC - S. Sebastian TC	PREPA	0	0	n/a	10	10	100%	-		-	-	-	-	10/3/2017	10/4/2017	COMPLETED	✓	-	100%	n/a
39800	115	Mayaguez TC - Acacias TC	PREPA	0	0	n/a	1	1	100%	-		-	-	-	-	9/28/2017	10/4/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Bayamon TC - Caná	PREPA	6	6	100%	4	4	100%	Yes		-	-	-	-	9/27/2017	10/5/2017	COMPLETED	✓	-	100%	n/a
37200	115	Mayaguez TC - Anasco TC	PREPA	1	1	100%	4	4	100%	Yes		-	-	-	-	10/4/2017	10/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36100	115	Caná - Piñas TC	PREPA	7	7	100%	7	7	100%	Yes		-	-	-	-	9/30/2017	10/8/2017	COMPLETED	✓	-	100%	n/a
36100	115	Monterrey TC - Unibon TC/Corozal	PREPA	0	0	n/a	2	2	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	n/a
36100	115	Piñas TC - Monterrey TC	PREPA	1	1	100%	3	3	100%	-		-	-	-	-	10/9/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36300	115	Yabucoa - Humacao	PREPA	1	1	100%	1	1	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
41000	115	Yabucoa - Humacao	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	10/7/2017	10/13/2017	COMPLETED	✓	-	100%	Lightning arrester replaced. Tested OK.
41500	115	Dorado TC - Piñas TC	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	9/26/2017	10/14/2017	COMPLETED	✓	-	100%	n/a
38900	115	Berwind - Escorial	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38900	115	Escorial - Sabana Llana	PREPA	0	0	n/a	0	0	n/a	-		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39000	115	Ponce TC - Juana Diaz TC	PREPA	0	0	n/a	1	1	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	n/a
39100	115	Aguadilla TC - Mora TC	PREPA	0	0	n/a	9	9	100%	Yes		-	-	-	-	10/11/2017	10/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
36200	115	MTC - Villa Betina	PREPA	0	0	n/a	6	6	100%	-		-	-	-	-	10/13/2017	10/18/2017	COMPLETED	✓	-	100%	n/a
38300	115	SJSP - Cachete	PREPA	1	1	100%	6	6	100%	Yes		-	-	-	-	10/11/2017	10/20/2017	COMPLETED	✓	-	100%	n/a
38900	115	Martin Pena - Berwind	PREPA	13	13	100%	3	3	100%	Yes		-	-	-	-	9/27/2017	10/22/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50900	230	Aguas Buenas - BTC	PREPA	3	3	100%	0	0	0%	Yes		-	-	-	-	9/28/2017	10/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
39000	115	Aguas Buenas - Caguas TC	PREPA	0	0	n/a	5	5	100%	Yes		-	-	-	-	10/26/2017	10/29/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Comerio - Aguas Buenas	PREPA	1	1	100%	5	5	100%	Yes		-	-	-	-	11/1/2017	11/4/2017	COMPLETED	✓	-	100%	n/a
40100	115	Aguirre S.P. - Jobos	PREPA	4	4	100%	6	6	100%	Yes		-	-	-	-	9/27/2017	11/5/2017	COMPLETED	✓	-	100%	n/a
37400	115	Vega Baja - Manati	PREPA	2	2	100%	3	3	100%	Yes		-	-	-	-	10/20/2017	11/6/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38100	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38400	115	SJSP - Viaducto	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	n/a
38800	115	Hato Rey - Viaducto	PREPA	0	0	n/a	0	0	n/a	Yes		-	-	-	-	11/9/2017	11/11/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Hato Tejas TC - Candelaria Arenas TC	PREPA	1	1	100%	0	0	0%	-		-	-	-	-	11/2/2017	11/15/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Bayamon TC - Crea TC	PREPA	2	2	100%	4	4	100%	Yes		-	-	-	-	10/31/2017	11/21/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
37900	115	Encantada - Sabana Llana	PREPA	1	1	100%	7	7	100%	Yes		-	-	-	-	11/10/2017	11/27/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36400	115	Jayuya - Dos Bocas	PREPA	5	5	100%	1	1	100%	Yes		-	-	-	-	11/10/2017	11/28/2017	COMPLETED	✓	-	100%	
37900	115	Conquistador - Encantada	PREPA	4	4	100%	0	0	0%	Yes		-	-	-	-	11/3/2017	12/5/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Crea TC - Hato Tejas TC	PREPA	1	1	100%	3	3	100%	Yes		-	-	-	-	11/9/2017	12/14/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37400	115	Dos Bocas - Cambalache	PREPA	1	1	100%	10	10	100%	Yes		-	-			11/18/2017	12/16/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
39000	115	Juana Diaz - Toro Negro	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	No	No	12/4/2017	12/23/2017	COMPLETED	✓	-	100%	
36100	115	Unibon TC - Morovis	PREPA	8	8	100%	4	4	100%	Yes		Yes	Yes	Yes	No	11/20/2017	12/24/2017	COMPLETED	✓	-	100%	
36100	115	Morovis - Ciales	PREPA	16	16	100%	7	7	100%	Yes		Yes	Yes	Yes	No	12/6/2017	12/30/2017	COMPLETED	✓	-	100%	
51000	230	Aguas Buenas - Sabana Llana	PREPA	5	5	100%	17	17	100%	Yes		Yes	Yes	Yes	No	10/28/2017	1/14/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
37100	115	Costa Sur S.P. - Guanica	PREPA	4	4	100%	6	6	100%	Yes						1/27/2018	2/9/2018	COMPLETED	✓	-	100%	WX Permitting.
37100	115	Guanica - S. German	PREPA	2	2	100%	18	18	100%	Yes						2/14/2018	2/16/2018	COMPLETED	✓	-	100%	
50200	230	Manati - Costa Sur S.P.	PREPA	4	4	100%	14	14	100%	Yes		Yes	Yes	Yes	No	11/29/2017	2/25/2018	COMPLETED	✓	-	100%	PREPA finish on 2/20/2018. Cobra complete conductor installation (2-Damages) on 2/21/2
37400	115	Candelaria Arenas TC - Dorado TC	PREPA	11	11	100%	0	0	0%	Yes		Yes	Yes	Yes	No	12/18/2017	3/14/2018	COMPLETED	✓	-	100%	Two poles pending to be installed (Super Puma). Proposed finish date was 2/18/2018. (
37400	115	Dorado TC - Vega Baja	PREPA	14	14	100%	22	22	100%	Yes		Yes	Yes	Yes	No	1/16/2018	3/27/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Proposed finish date was 3/3/2018. Cobra is working (3-STC
50100	230	Cambalache TC - Manati	WHITEFISH	2	2	100%	39	39	100%	Yes		-	-	-	-	10/13/2017	10/25/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50200	230	Manati - BTC	WHITEFISH	4	4	100%	19	19	100%	Yes		-	-	-	-	10/14/2017	10/29/2017	COMPLETED	✓	-	100%	n/a
37400	115	Manati - Barceloneta	WHITEFISH	8	8	100%	8	8	100%	Yes		-	-	-	-	10/19/2017	11/14/2017	COMPLETED	✓	-	100%	n/a
50900	230	Aguirre S.P. - Aguas Buenas	WHITEFISH	9	9	100%	9	9	100%	Yes		-	-	-	-	10/11/2017	11/29/2017	COMPLETED	✓	-	100%	Energized without replacing damaged OPGW cable
36200	115	Villa Betina - Juncos	WHITEFISH	6	6	100%	19	19	100%	Yes		-	-	-	-	10/23/2017	11/30/2017	COMPLETED	✓	-	100%	
38300	115	Monacillos - Cachete	NYPA	0	0	n/a	4	4	100%	Yes		-	-	-	-	11/16/2017	11/20/2017	COMPLETED	✓	-	100%	n/a
38600	115	San Juan S.P. - BTC	NYPA	0	0	n/a	8	8	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
38700	115	San Juan S.P. - Palo Seco S.P.	NYPA	0	0	n/a	3	3	100%	Yes		-	-	-	-	11/21/2017	12/3/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
50700	230	Aguirre S.P. - Guayama / A.E.S.	COBRA	5	5	100%	12	12	100%	Yes		-	-	-	-	10/31/2017	12/7/2017	COMPLETED	✓	-	100%	OPGW installed. Tested OK.
37800	115	Cayey - Jobos/Guayama	COBRA	2	2	100%	27	27	100%	Yes		Yes	No	Yes	Yes	11/10/2017	1/20/2018	COMPLETED	✓	-	100%	Sleeves issue- Waiting on material, change to 1/17/18 pending material delivery
41400	115	Humacao - Juncos	COBRA	34	34	100%	17	17	100%	Yes		Yes	Yes	Yes	Yes	12/7/2017	2/21/2018	COMPLETED	✓	-	100%	Mastec finish (8-STC, 12-Damages) on 02/9/2018. Cobra finish (26-STC, 5-Damages) on 2

GOBIERNO DE PUERTO RICO
Autoridad de Energía Eléctrica de Puerto Rico

Inspected by: _____
Date: _____

50800	230	Yabucoa - Sabana Llana	COBRA	7	7	100%	107	107	100%	Yes		Yes	Yes	Yes	No	12/5/2017	2/27/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Cobra finish (3-STC, 66-Damages) on 2/15/2018. Flu
37500	115	MTC - Grana	COBRA	7	7	100%	21	21	100%	Yes		Yes	No			11/30/2017	3/31/2018	COMPLETED	✓	-	100%	NYPA Finish (4-STC. 16-Damages) on 2/7/2018. Cobra is working (3-STC. 5-Damages). Pr
38200	115	Palo Seco S.P. - MTC	COBRA	18	18	100%	48	48	100%	Yes		Yes	No	Yes	No	11/29/2017	3/31/2018	COMPLETED	✓	-	100%	Tested OK. Eliminated 6 wood Stc. by using Steel Stc. NYPA Finish (18-STC. 46-Damage
41200	115	Sabana Llana - Canovanas	Fluor/PIKE	5	5	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/6/2018	COMPLETED	✓	-	100%	OPGW installed. Currently working to replace damaged OPGW spans.
36800	115	Sabana Llana - Canovanas	Fluor/PIKE	6	6	100%	8	8	100%	Yes		Yes	Yes	Yes	Yes	11/28/2017	1/22/2018	COMPLETED	✓	-	100%	Telecommunications advised that OPGW will be included.
36800	115	Canovanas - Palmer	Fluor/PIKE	35	35	100%	9	9	100%	Yes		Yes	Yes	Yes	Yes	11/1/2017	2/28/2018	COMPLETED	✓	-	100%	OPGW installed. Spans damaged. Few structures need rework. 3/8/18- Need to compl
37800	115	MTC - Buen Pastor	Fluor/PIKE	6	6	100%	10	10	100%	Yes		Yes	Yes	Yes	No	12/11/2017	3/7/2018	COMPLETED	✓	-	100%	Proposed Finish date was 2/14/2018 and 2/28/2018. Turnover to PREPA 02/23/2018.
38900	115	Hato Rey - Martin Pena	Fluor/PIKE	11	11	100%	4	4	100%	Yes		Yes	Yes	Yes	Yes	12/21/2017	3/11/2018	COMPLETED	✓	-	100%	OPGW installed. Tested OK. Turnover to PREPA 02/8/2018.
36200	115	Juncos - Rio Blanco	Fluor/ARC	7	7	100%	20	20	100%	Yes		Yes	Yes	Yes	No	11/3/2017	3/19/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/18/2018. Turnover to PREPA 02/27/2018.
36300	115	Shell TC/Juan Martin Sect.- Yabucoa	Fluor/SEC	6	6	100%	19	19	100%	Yes		Yes	No	Yes	No	1/16/2018	3/16/2018	COMPLETED	✓	-	100%	QA/QC. Multiple segments. Cobra working the first 3-STC. Proposed finish date was 2
37200	115	Mayaguez GP - Mayaguez TC	USACE/PowerSecure	2	2	100%	10	10	100%	Yes		Yes	Yes			2/10/2018	2/21/2018	COMPLETED	✓	-	100%	Proposed Finish Date was 2/24/2018
50500	230	Mora - Mayaguez TC	USACE/PowerSecure	1	1	100%	19	19	100%	Yes		Yes	Yes			2/10/2018	3/3/2018	COMPLETED	✓	-	100%	PREPA priority.
36500	115	Dos Bocas - Caonillas	Fluor/PIKE	4	4	100%	2	2	100%	Yes		Yes	Yes	No	No	2/7/2018	2/19/2018	COMPLETED	✗	-	100%	Test failed. Inspected by District 04/25/2018. Waiting for materials and repair, Dos Bocas
50700	230	Guayama / A.E.S. - Yabucoa	COBRA	53	53	100%	80	80	100%	Yes		Yes	Yes	Yes	No	12/4/2017	4/17/2018	COMPLETED	✓	1	100%	COBRA/PREPA-OPGWpartially installed.
51000	230	Aguirre S.P. - Aguas Buenas	COBRA	13	10	77%	30	2	7%	Yes		Yes	No	Yes	No	10/17/2017	6/29/2018	IN PROGRESS		2	70%	WFISH/COBRA-Cobra new line. WF and PREPA working a portion of this segment previo
40200	115	Aguirre S.P. - Jobos	COBRA	17	17	100%	20	20	100%	Yes		Yes				1/30/2018	4/23/2018	COMPLETED	✓	2.1	100%	QA/QC done, Line tested ok.
40300	115	Sta. Isabel TC - Aguirre	COBRA	3	3	100%	6	6	100%	Yes		Yes	No			2/25/2018	5/30/2018	COMPLETED	✗	2.2	100%	OPGW installed. Proposed finish date 06/01/18. Aguirre control work pending BKR 4033
36300	115	Maunabo - Shell/Juan Martin Sect.	COBRA	3	2	67%	15	10	67%	Yes		Yes	No	Yes	No	1/28/2018	6/30/2018	IN PROGRESS		3	80%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope. Assig
36800	115	Palmer - Fajardo	PREPA	12	12	100%	10	10	100%	Yes		Yes	No	Yes	No	1/28/2018	5/10/2018	COMPLETED	✓	5	100%	FLUOR/PREPA-Removed from FLUOR scope. Assigned to PREPA April 2018. QA/QC done
39000	115	Aguas Buenas - MTC	PREPA	2	2	100%	7	7	100%	No						3/24/2018	5/31/2018	COMPLETED D	✗	6	100%	OPGW installed. Removed from FLUOR scope. Proposed finish date 06/01/2018.
39000	115	Barranquitas - Comerio	PREPA	2	0	0%	6	0	0%	No						2/19/2018	6/15/2018	IN PROGRESS		7	42%	Reprioritized by PREPA on Dec 27,2017. Tower assembly
39000	115	Toro Negro - Barranquitas	PREPA	5	0	0%	1	0	0%	No						3/24/2018	6/15/2018	IN PROGRESS		8	32%	Removed from FLUOR scope. Tower assembly
36200	115	Daguao - Fajardo	PREPA	21	9	43%	12	6	50%	Yes		Yes	No	Yes	No	1/31/2018	TBD	IN PROGRESS		9	1%	FLUOR/PREPA-Proposed finish was 4/3/2018. Removed from FLUOR scope. 06/01/2018 PI
36100	115	Monacillos - BTC	PREPA	18	18	100%	19	19	100%	Yes		Yes	Yes	Yes	No	1/10/2018	5/7/2018	COMPLETED	✗	10	100%	NYPA/COBRA/PREPA-Six lane highway crossing to coordinate. Cobra is working (3-STC,
36300	115	Rio Blanco - Humacao	COBRA	26	7	27%	12	5	42%	Yes		Yes	Yes	Yes	No	11/3/2017	7/15/2018	IN PROGRESS		11	45%	FLUOR/COBRA-Cobra Finish (5-STC, 1-Damages) on 02/21/2018. Proposed finish date wa
36300	115	Jobos - Maunabo	COBRA	51	12	24%	67	16	24%	Yes		Yes	No	Yes	No	1/28/2018	7/15/2018	IN PROGRESS		12	40%	FLUOR/COBRA-Proposed finish date was 2/28/2018. Removed from FLUOR scope.
37400	115	Barceloneta - Cambalache	PREPA	11	5	45%	6	0	0%	Yes		Yes	Yes	Yes	No	3/4/2018	TBD			13	85%	Reprioritized by PREPA.
36200	115	Rio Blanco - Daguao	COBRA	22	6	27%	23	6	26%	Yes		Yes	No	Yes	No	1/18/2018	7/15/2018	IN PROGRESS		14	27%	FLUOR/COBRA-Removing grounds. Removed from FLUOR scope.
37800	115	Caguas - Cayey	PREPA	15	3	20%	21	4	19%	Yes		Yes	Yes	Yes	No	1/24/2018	TBD			15	23%	FLUOR/PREPA-Removed from FLUOR scope.
37800	115	Buen Pastor - Caguas	PREPA	42	40	95%	33	31	94%	Yes		Yes	Yes	Yes	No	11/1/2018	TBD			16	95%	FLUOR/PREPA-Waiting - need 20K ft. static wire - May energize & install static later. Rem
50500	230	Mora - Cambalache	PREPA	1	0	0%	39	20	51%	Yes		Yes	No			2/10/2018	TBD			17	66%	P-SECURE/PREPA-Proposed finish date was 3/24/2018. Turnover to PREPA 03/29/2018.
37900	115	MTC - Conquistador	COBRA	15	0	0%	20	0	0%	Yes		No				2/21/2018	TBD			18	5%	OPGW installed. Spans damaged. Waiting Flyover assessment.
37000	115	Costa Sur SP - Ponce TC	COBRA	10	0	0%	5	0	0%	No						3/16/2018	TBD			19	0%	OPGW installed. Spans damaged. Gathering information. Removed from FLUOR scope
36400	115	Ponce TC - Jayuya	PENDING-RFP	45	0	0%	30	0	0%	Yes		Yes	No			4/24/2018	TBD			20	0%	For rebuild.
36100	115	Ciales - Dos Bocas	PENDING-RFP	22	16	73%	41	30	73%	Yes		Yes	Yes	No	No	1/14/2018	TBD			21	72%	For rebuild.
36600	115	San Sebastian - Dos Bocas	PENDING-RFP	30	0	0%	40	0	0%	Yes		Yes	No			2/24/2018	TBD			22	0%	For rebuild.
				755	531		1237	966														

y

COBRA	7
PREPA	7
PENDING	3
	17

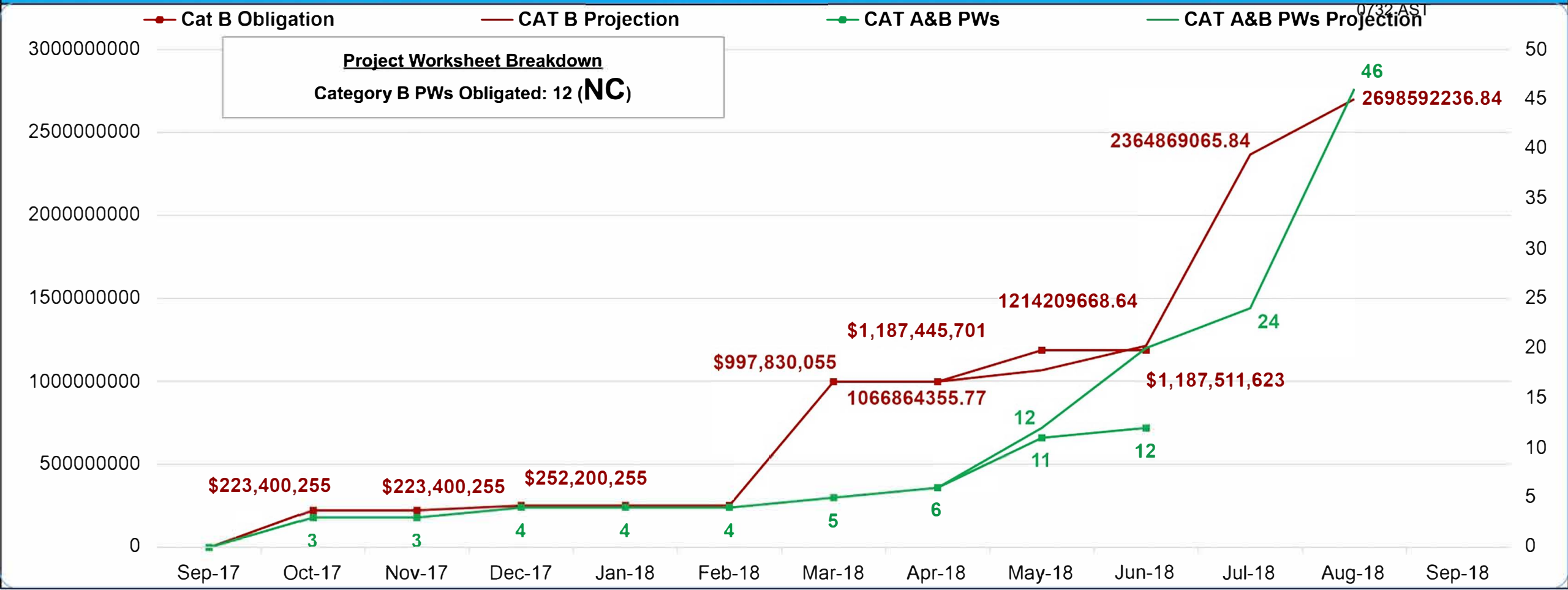
Energy Sector

HIGH FOCUS AREA

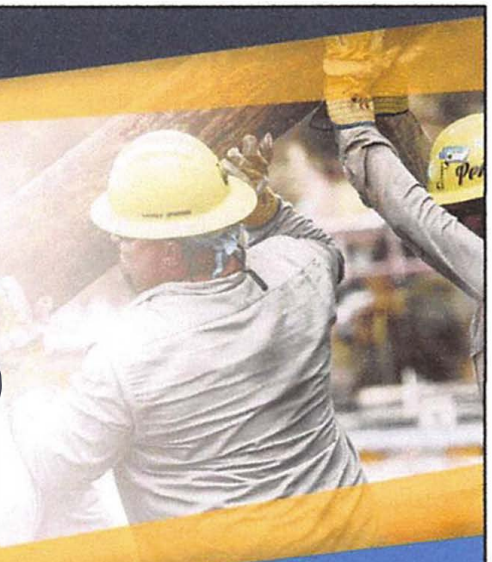
- Continue focus on completion of emergency work; develop PWs for permanent work.Payments to IOUs, NYS, and Cobra are outstanding; we are addressing with Commonwealth and PREPA.

CATEGORY A & B OVERVIEW

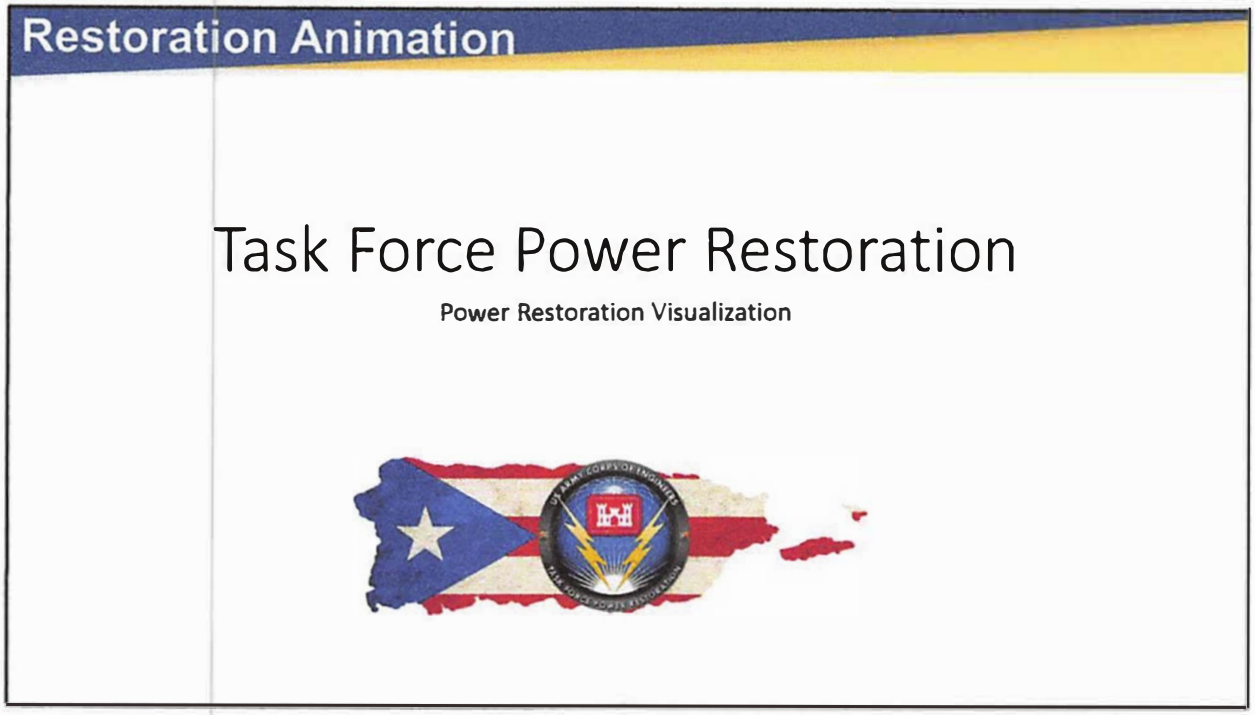
PA Spend Plan Projections as of 06/06/2018Obligations as of 06/25/2018 0732 AST



REBUILDING
PUERTO RICO
ENERGY SECTOR



May 10, 2018



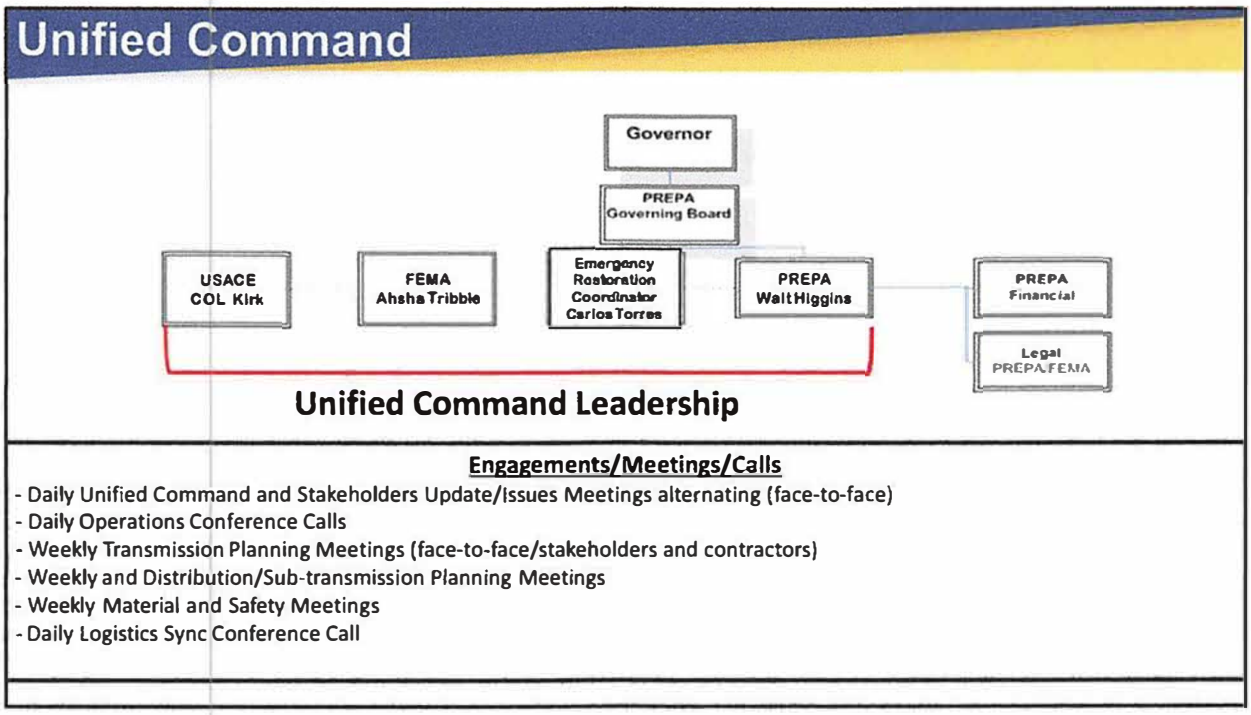
USACE this together to show how restoration was achieved and the time it took. This loop is from November to May.

The map begins to brighten up, but we still see those pockets we have yet to reach.

And let me make this point....while we are talking today about rebuilding, let me be clear! We are NOT NOT NOT turning our back to the 1.56% of the customers that still do not have power.

We will continue to work just as hard on that restoration while we are looking ahead to our future...an amazing opportunity for the people of Puerto Rico, PREPA, and the Commonwealth.

So I want to take a few minutes to show how we got here and the complexity of this restoration

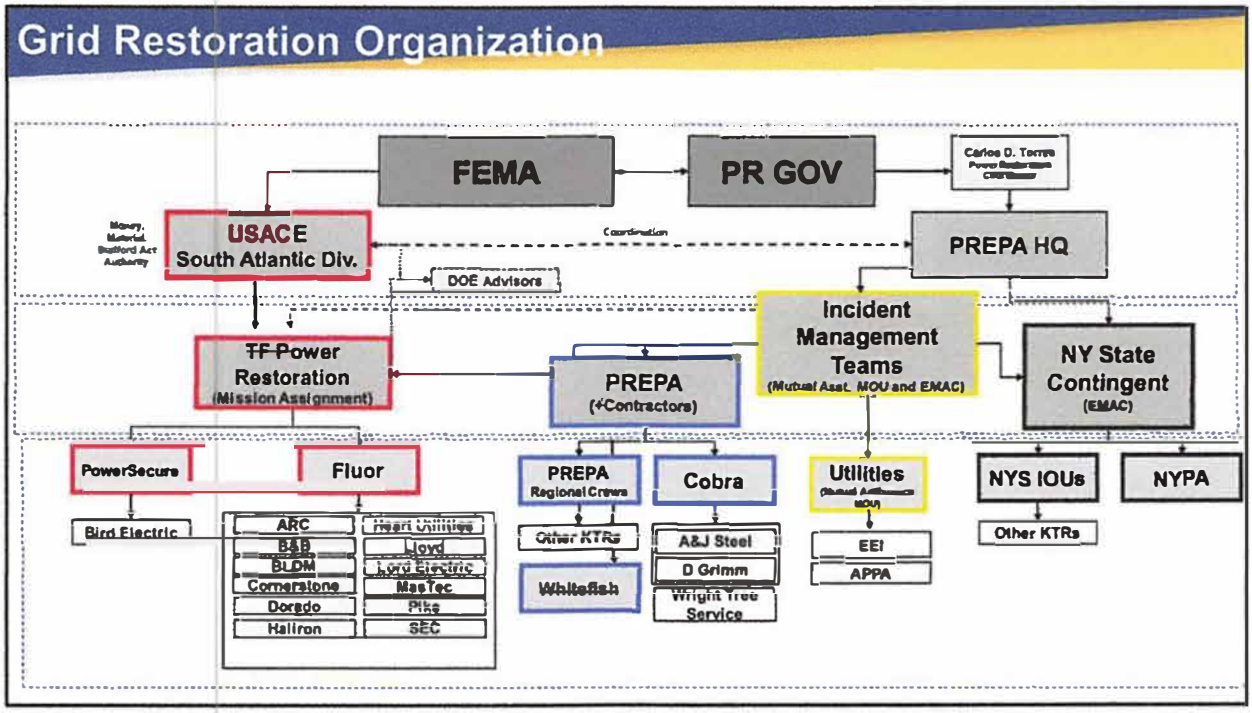


Because we gave a Mission Assignment to USACE, PREPA had its contractors, and the Gov's Island Restoration coordination.

We needed a process for **unity effort and unity of message**.

We met everyday, 7 days a week for 6 months.

FEMA –forever meeting agency



Here is why it was so complicated

- USACE – Mission Assignment
- PREPA Contractors – PA Reimbursement
- IOUs under a Memorandum of Understanding
- NY State Contingent under EMAC

Consideration for where crews lived (Life support)

Where they were going to work…if you moved them, increase windshield time

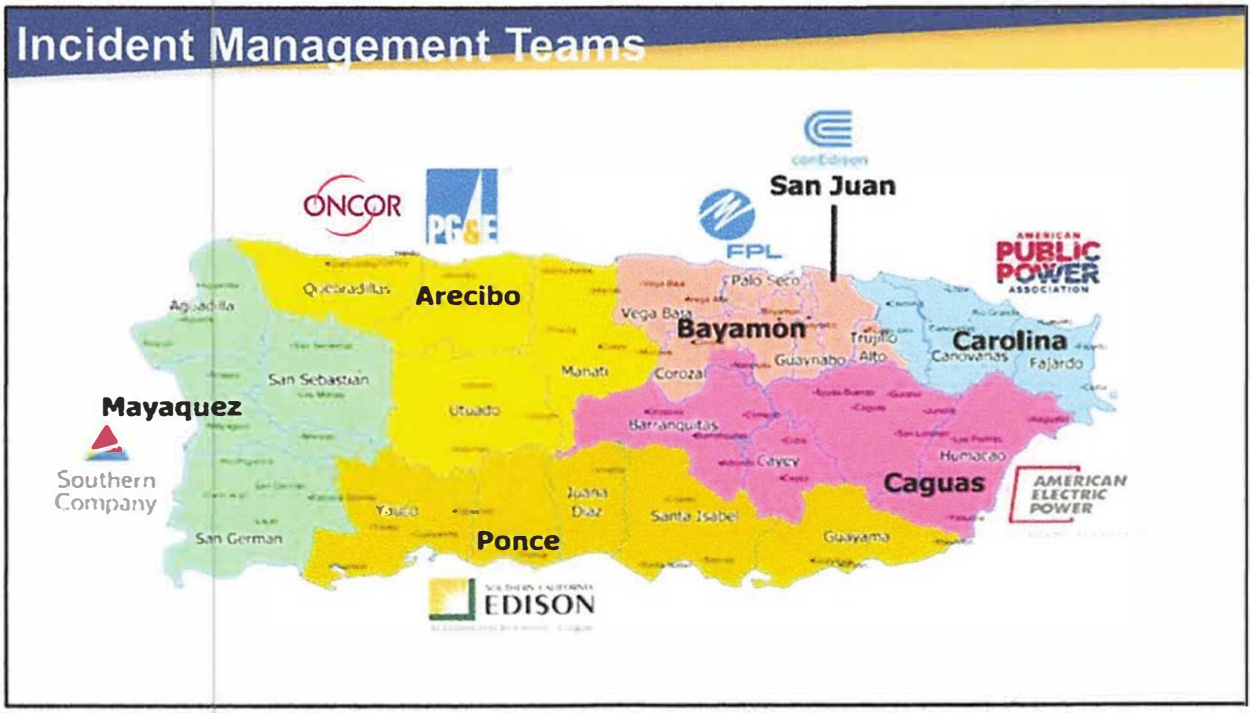
Laydown Yards

Materials management

Transmission or distribution?

Helicopter, Drone, bucket truck?

Wood, steel, or concrete pole…just because you can work one doesn't mean you can work the other….gloved, hot stick trailer…

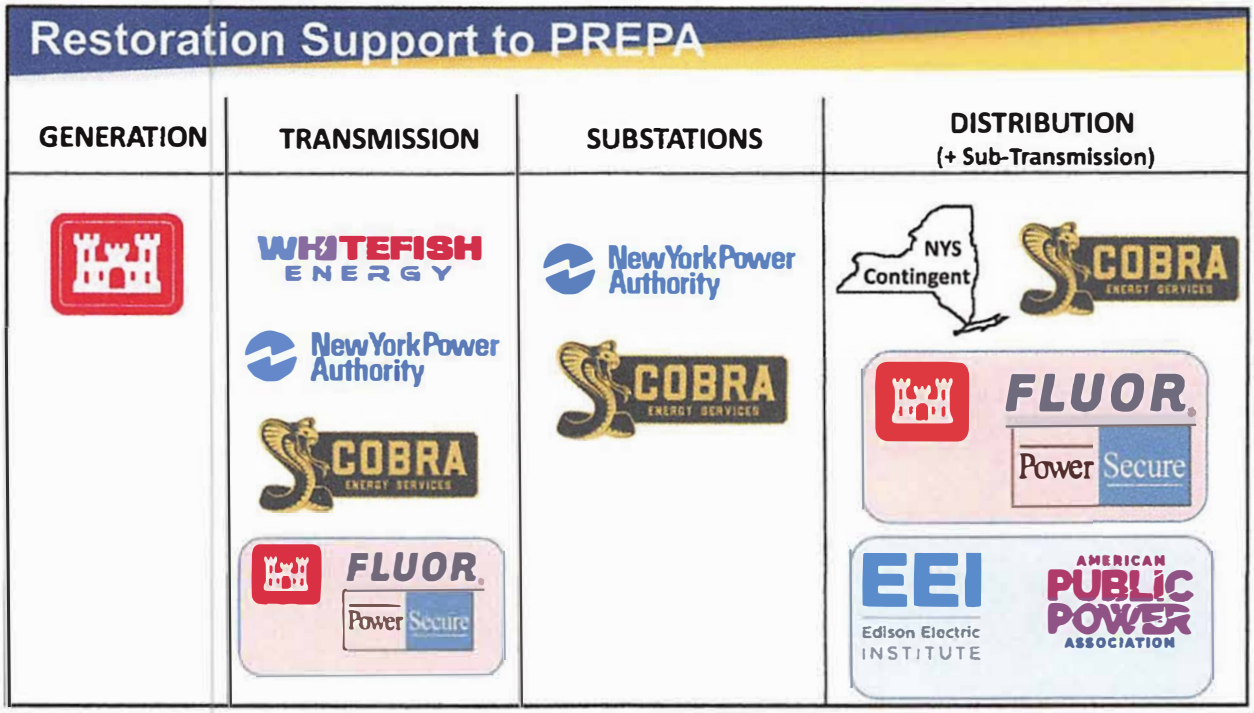


Layer on the 8 Incident Management Teams from Industry (planning, ops, safety, log, …)

They really kept us to task, especially when we had all of the IOUs on island. It has the chance to be unwieldy and safety was always an issue

The road was bumpy at the beginning with these mainland folks coming to help manage an operation. But it worked out, and we felt it when they left.

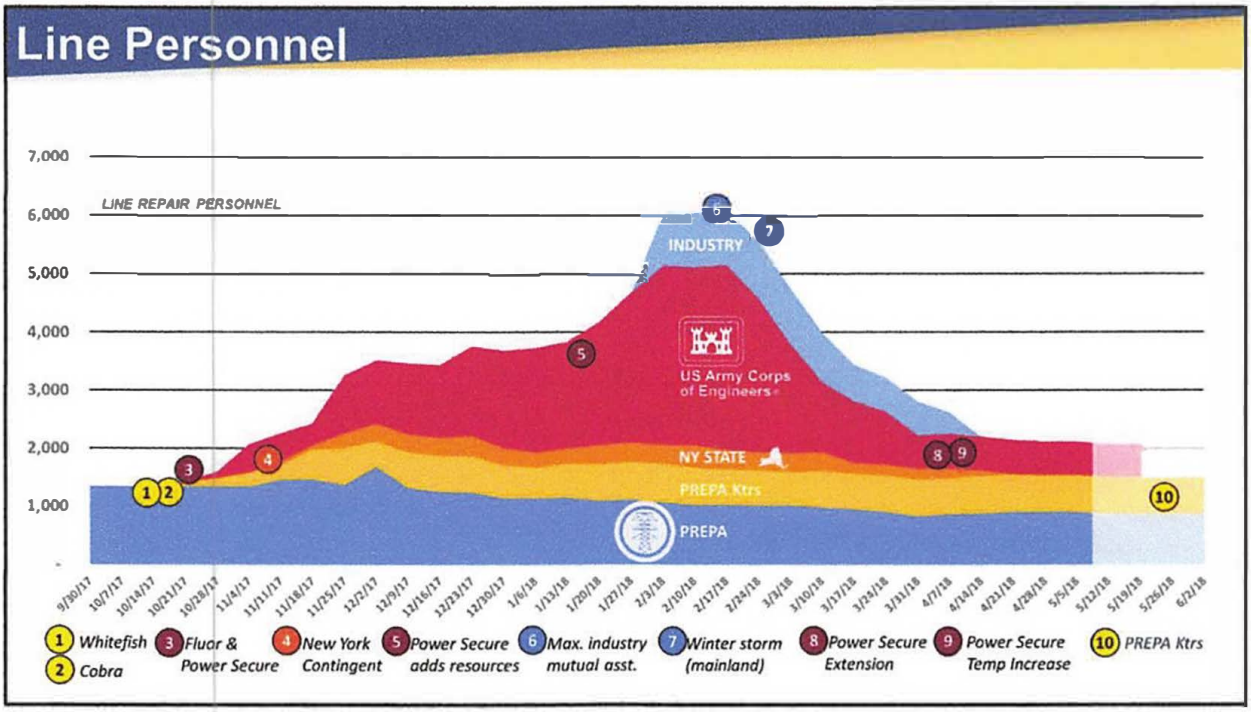
IT WAS COMPLEX…



My favorite slide as it debunks media and congressional criticism of operations on the ground and what was really needed

NEEDED CONTRACTORS

To all of you, I thank you for your sacrifice, leaving families, and embedding with the community.



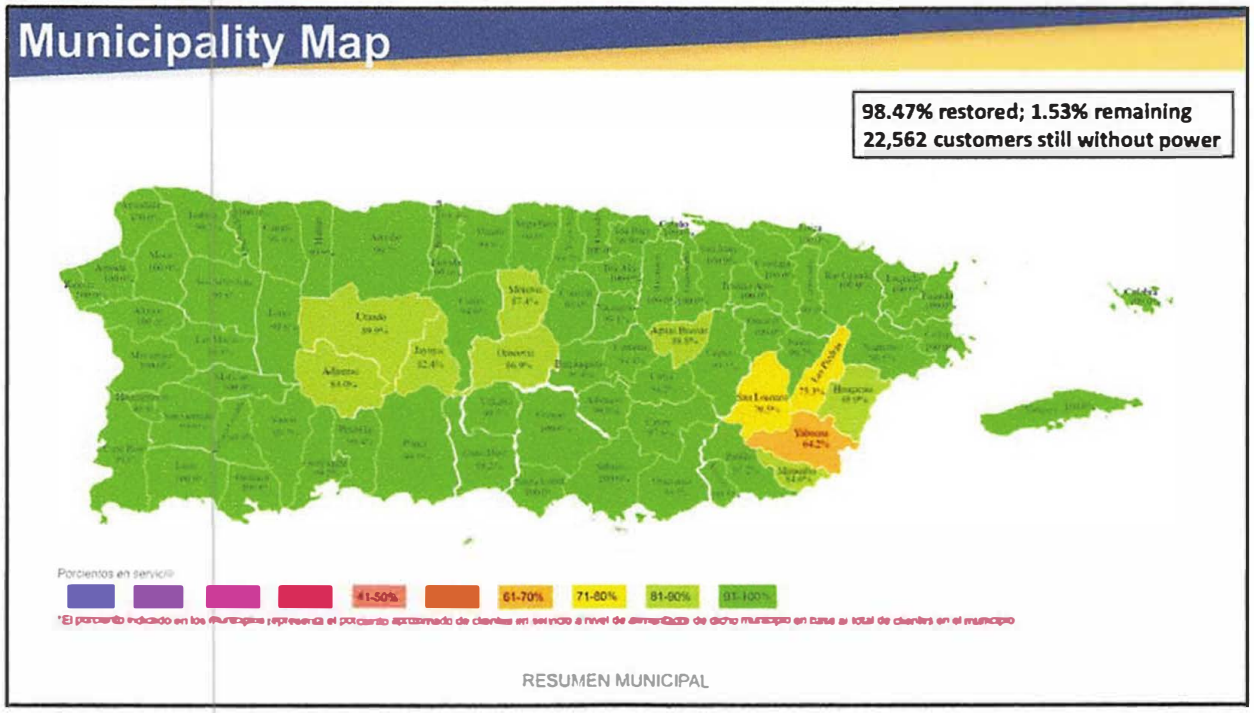
It took time to get mobilized…barges, space a ports, lodging, life support

Cobra lived on two barges and had the hardest hit part of the island and most of the transmission worked so that worked for them.

PowerSecure had the western portion of the island Mayaguez and had really neat travel trailors and that worked for them.

Creativity was the name of the game.

Where we are today?



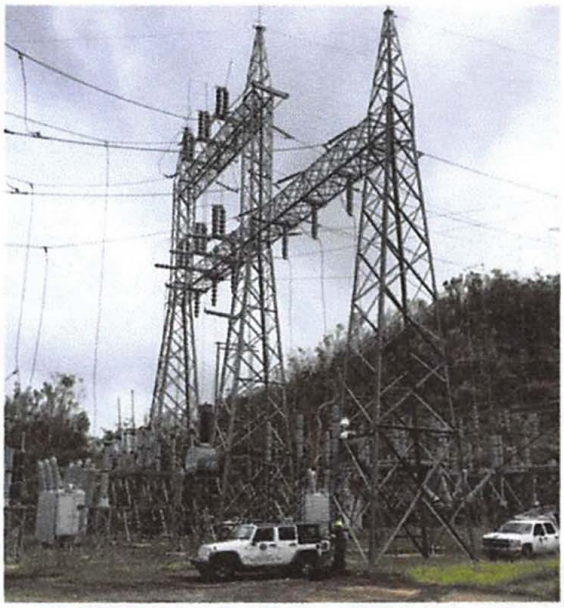
As long as people don't have power, we are not satisfied.

Current Focus

1) **Restoring the remaining 1.56% of customers**

2) **Transitioning management of the restoration back to PREPA for completion**

3) **Preparation for upcoming hurricane season**

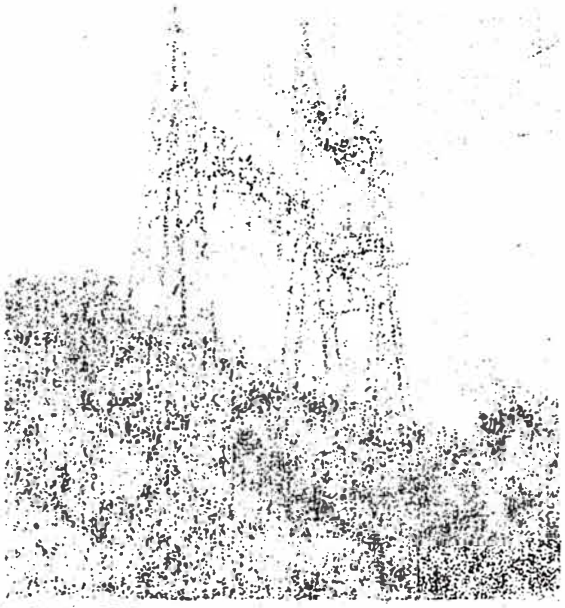


Restoring the remaining 1.53% of customers

Transitioning management of the restoration back to PREPA for completion

Preparation for upcoming hurricane season

NO!



Where are we going?

Vision Statement

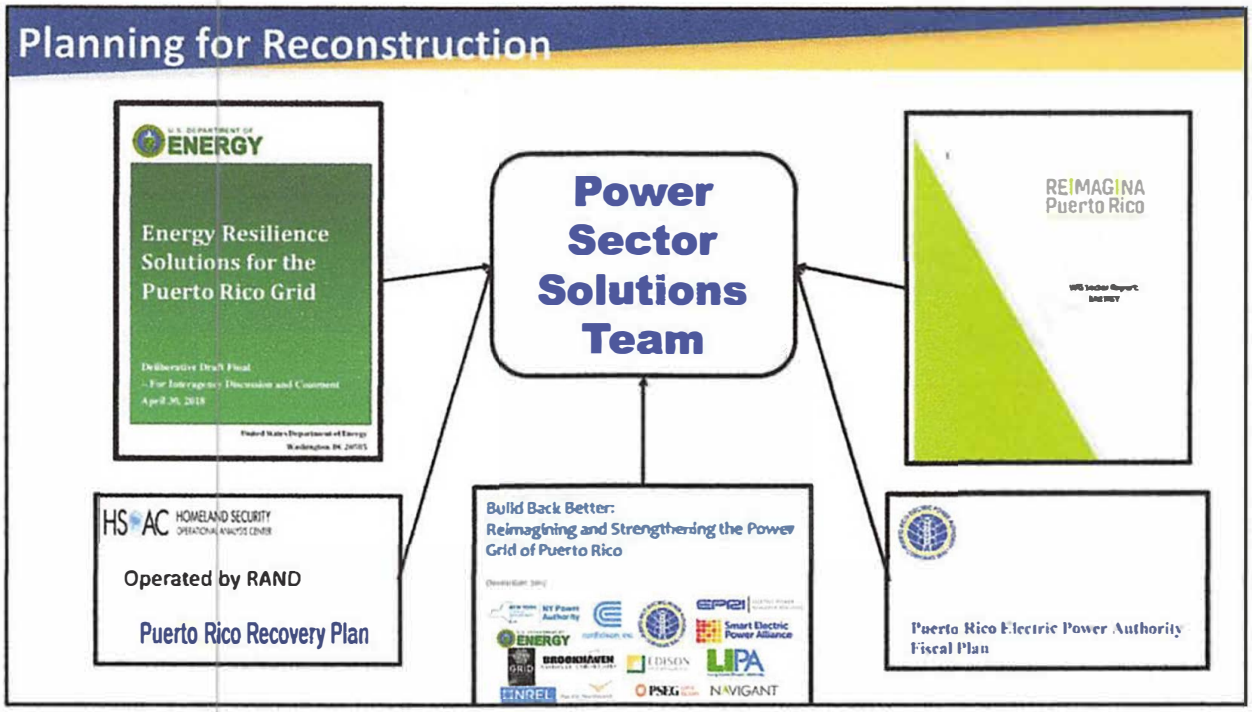
Deliver a modern, reliable, and resilient power system for the people and businesses of Puerto Rico to support an enduring economy and future-ready island.

Which brings us to one of the main objectives the summit!...The Energy Sector Solutions Team: to imagine holistic solutions for the entire energy infrastructure on the island.

It is made up of federal agencies, industry, and stakeholders...some will be permanent here on the island, and others will be remote.

They will challenge us. Find creative solutions. Engage experts. And keep us legal!

The goal is to have a team with access to the most effective, innovative, and cutting edge technologies to build a future ready grid.



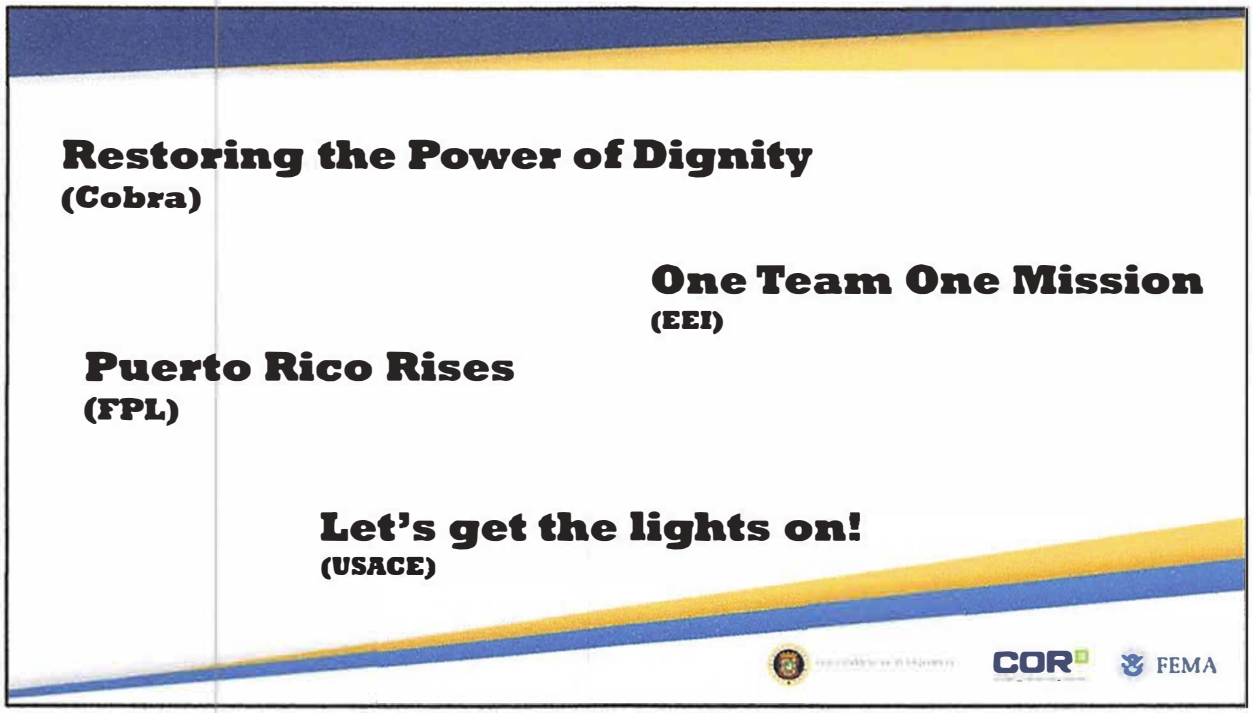
We will use reports that have been developed to support decision making such as these on the slide.

The Commonwealth, NY State and partners, RAND, DOE, 100 resilient cities, and others who have been thinking about the grid here in PR.

Begin Permanent Work

- Establish Solutions Team (co-lead by COR3 and FEMA)
- Review reports/Summit results
- Retain diverse design engineers
- Scoping early projects
  - Distribution System Vieques and Culebra
  - 230KV Loop around the mainland

COR3 FEMA



We will work together in support of the Commonwealth and do what is right for the businesses and people of Puerto Rico.

Again, I want to thank everyone for being here and **we look forward to your input and questions.**