



Matthew R. Bernier
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Duke Energy Florida, LLC

August 16, 2016

VIA ELECTRONIC FILING

Ms. Carlotta Stauffer, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Petition for approval of 2016-2018 storm hardening plan, pursuant to Rule 25-6.0342, F.A.C., by Duke Energy Florida, LLC.; Docket No. 160107-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), DEF's Response to Staff's Second Data Request (Nos. 1-4).

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Matthew R. Bernier

Matthew R. Bernier
Senior Counsel
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MRB/mw
Enclosures
cc: Margo Leathers/Penelope Buys (FPSC)

**Duke Energy Florida, LLC's Response to Staff's Second Data Request
Re: Petition for approval of 2016-2018 storm hardening plan, pursuant to
Rule 25-6.0342, F.A.C., by Duke Energy Florida, LLC**

Docket No. 160107-EI

Please refer to Duke Energy Florida, LLC's (DEF) 2016-2018 Storm Hardening Plan filed May 3, 2016.

1. Referring to page 29, Joint Use Pole Attachment, please provide a breakdown, by transmission and distribution, of non-utility poles that DEF was attached to for the years 2010 through 2015. Please include the percentage of DEF's system that this represents.

RESPONSE:

Year	Number of DEF on Non-Utility Transmission Poles	Number of DEF on Non-Utility Distribution Poles	Percentage of Distribution System	Percentage of Transmission System
2010	0	15002	1.65%	0%
2011	0	14752	1.60%	0%
2012	0	13603	1.41%	0%
2013	0	13612	1.38%	0%
2014	0	13603	1.36%	0%
2015	0	13861	1.39%	0%

2. Please complete and verify the spreadsheet attached.

RESPONSE:

Please see the attached completed spreadsheet.

Please refer to DEF's response to staff's first data request.

3. Referring to DEF's response to request number 6, please include the subcategories for the projects listed in DEF's table on pages 8-14.

RESPONSE:

2011 Storm Hardening Spending - Capital Only	Subcategory
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Storm Hardening - NCO	\$ 48,134	N/A
Storm Hardening - SCO	\$ 56,724	N/A
Storm Hardening - NCR	\$ 258,017	N/A
Storm Hardening - SCR	\$ 79,100	N/A
Sun Parkway	\$ 139,760	Feeder Tie
Eiland Blvd	\$ 90,165	Feeder Tie
Eustis 441	\$ 23,112	Feeder Tie
Millinockett	\$ 66	Feeder Tie
Marion Loop	\$ 2,131	Feeder Tie
Dinner Lake	\$ 10,019	OH to UG Conversions
22nd St	\$ 177,352	Feeder Tie
Conn Ave Reconductor	\$ 270,826	Feeder Tie
Madison	\$ 71,401	Feeder Tie
St. George	\$ 211,685	Submersible UG
I4-Cross	\$ 102,337	OH to UG Conversions
Feeder	\$ 148,793	Feeder Tie
I4-Darth	\$ 55,866	OH to UG Conversions
22nd Ave	\$ 342,797	Feeder Tie
Wekiva P	\$ 114,528	Backlot to Frontlot Conversion
N67	\$ 392,426	Backlot to Frontlot Conversion
Sail Dr.	\$ 100,003	OH to UG Conversions
Vulcan Feeder	\$ 4	Feeder Tie
Loughman	\$ 132,440	Feeder Tie
Dallas Blvd	\$ 288	Extreme Wind
Black Hammock	\$ (59)	Feeder Tie
9Th St. So	\$ 63,310	Feeder Tie
Feeder Tie SCR	\$ 63,192	Feeder Tie
Rouse Rd.	\$ 279,934	Feeder Tie
UG Crossing	\$ (271)	OH to UG Conversions
C140 C141	\$ 4,846	Feeder Tie
K206-K3285	\$ 1,390	Feeder Tie
Seminole Brg	\$ 4,274	OH to UG Conversions
Vulcan Rd	\$ 112	Feeder Tie
St George	\$ 116	Extreme Wind
All Point	\$ 28,564	Extreme Wind
Sr 417@ Chapman	\$ (276)	Feeder Tie
Rouse Rd.	\$ 4,036	Feeder Tie
Pebble Beach	\$ 2,966	Feeder Tie
Total	\$ 3,280,108	

2012 Storm Hardening Spending - Capital Only		Subcategory
Storm Hardening - NCO	\$ 2,173	N/A
Storm Hardening - SCO	\$ 399,021	N/A
Storm Hardening - NCR	\$ 120,635	N/A
Storm Hardening - SCR	\$ 31,632	N/A
22nd St (Carried Over From 2011)	\$ (41,137)	Feeder Tie
Conn Ave Reconductor (Carried Over From 2011)	\$ 68,632	Feeder Tie
St. George 2011 (Closed)	\$ 1	Submersible UG
I4-Cross (Closed)	\$ 3,415	OH to UG Conversions

22Nd Ave (Carried Over From 2011)	\$ (87,638)	Feeder Tie
N67 (Carried Over From 2011)	\$ 109,983	Backlot to Frontlot Conversion
Sail Dr. (Carried Over From 2011)	\$ (43,460)	OH to UG Conversions
Vulcan Feeder (Carried Over From 2011)	\$ (1)	Feeder Tie
9th St. So (Carried Over From 2011)	\$ 184,554	Feeder Tie
Feeder Tie SCR (Carried Over From 2011)	\$ (13,892)	Feeder Tie
Rouse Rd. (Carried Over From 2011)	\$ (50,830)	Feeder Tie
UG Crossing	\$ (4)	OH to UG Conversions
C140 C141 (Carried Over From 2011)	\$ 63,471	Feeder Tie
K206-K3285	\$ 131,971	Feeder Tie
Vulcan Rd (Carried Over From 2011)	\$ 993,394	Feeder Tie
St George 2012 Proj	\$ 413,385	Submersible UG
All Point (Carried Over From 2011)	\$ (28,564)	Extreme Wind
SR 417@ Chapman (Carried Over From 2011)	\$ (3)	Feeder Tie
Pebble Beach (Carried Over From 2011)	\$ 91,831	Feeder Tie
Jungle Prada	\$ (55,030)	Small Wire Upgrade
Dallas Blvd	\$ (810)	Extreme Wind
Alligator Pt	\$ 232,571	Extreme Wind
W808 Fdr Tie	\$ 306,937	Feeder Tie
Cassadaga Rd	\$ 73,160	OH to UG Conversions
Econ Backlot	\$ 175,377	Backlot to Frontlot Conversion
Fort Meade	\$ 182,494	N/A
Lake Picket	\$ (6,624)	Feeder Tie
Vulcan Rd (Carried Over From 2011)	\$ (8,028)	Feeder Tie
Orla Vista	\$ (1,400)	Feeder Tie
Rouse Rd. (Carried Over From 2011)	\$ (4,711)	Feeder Tie
Dirksen Rd	\$ 252,544	Small Wire Upgrade
Duncan Trail	\$ 231,816	Backlot to Frontlot Conversion
Fox Valley	\$ 236,077	Backlot to Frontlot Conversion
Dinner Lake (Carried Over From 2011)	\$ 17,506	OH to UG Conversions
Wekiva Cove	\$ 84,310	Backlot to Frontlot Conversion
Madison (Carried Over From 2011)	\$ 6,565	Feeder Tie
Buck Hill	\$ 112,611	OH to UG Conversions
Dallas Blvd (Carried Over From 2011)	\$ 269,928	Extreme Wind
Convent Ctr/14	\$ 34,138	OH to UG Conversions
Chapman Rd	\$ 130,005	Feeder Tie
Monterey Blvd	\$ 9,392	Feeder Tie
Alligator Pt2	\$ 28,749	Extreme Wind
K1884 & K55	\$ 5,061	Feeder Tie
C342-C343	\$ 2,464	Feeder Tie
St. George 2013 Proj	\$ 171	Extreme Wind
Storm Hardening I4 Crossing	\$ 44,451	OH to UG Conversions
Black Hammock	\$ 90	Feeder Tie
22Nd St	\$ 215	Feeder Tie
Total	\$ 4,708,598	

2013 Storm Hardening Spending - Capital Only		Subcategory
Storm Hardening - NCO	\$ 41,755	N/A
Storm Hardening - SCO	\$ (10,874)	N/A
Storm Hardening - NCR	\$ 235,715	N/A

Storm Hardening - SCR	\$ 15,861	N/A
N67 (Carried Over From 2012)	\$ 219	Backlot to Frontlot Conversion
22Nd Ave (Carried Over From 2012)	\$ 4,268	Feeder Tie
Sail Dr.	\$ -	OH to UG Conversions
Dallas Blvd (Carried Over From 2012)	\$ 100,780	Extreme Wind
C140 C141 (Carried Over From 2012)	\$ 123,024	Feeder Tie
Vulcan Rd	\$ (663,100)	Feeder Tie
Buck Hill (Carried Over From 2012)	\$ 5,373	OH to UG Conversions
Dirksen Rd (Carried Over From 2012)	\$ 299,252	Small Wire Upgrade
Dinner Lake (Carried Over From 2012)	\$ 18,052	Backlot to Frontlot Conversion
Pebble Beach (Carried Over From 2012)	\$ 79,784	Feeder Tie
Chapman Rd (Carried Over From 2012)	\$ 102,760	Feeder Tie
St George 2012 Proj (Carried Over From 2012)	\$ 31,828	Extreme Wind
34Th Ave	\$ 505,277	Small Wire Upgrade
Fox Valley (Carried Over From 2012)	\$ 5,576	Backlot to Frontlot Conversion
W808 Fdr Tie (Carried Over From 2012)	\$ 579	Feeder Tie
Duncan Trail (Carried Over From 2012)	\$ 1,100	Backlot to Frontlot Conversion
Convent Ctr/14 (Carried Over From 2012)	\$ 36,370	OH to UG Conversions
I4 Crossing	\$ 26,278	OH to UG Conversions
Wekiva Cove Rd - Part 2 (Carried Over From 2012)	\$ (12,804)	Backlot to Frontlot Conversion
Fort Meade (Carried Over From 2012)	\$ (1,982)	N/A
Alligator Point Extreme Wind - Part 2 (Carried From 2012)	\$ 471,158	Extreme Wind
Cordova Blvd. Ne	\$ 117,659	Small Wire Upgrade
22Nd St. S (Carried Over From 2012)	\$ 312,557	Small Wire Upgrade
1St St. N	\$ 149,187	Small Wire Upgrade
A284 - Citrus Spgs - Loop Ug Fdr	\$ 101,888	Feeder Tie
K1884 & K55 Feeder Tie (Carried Over From 2012)	\$ 263,460	Feeder Tie
C342 - C343 Feeder Tie (Carried Over From 2012)	\$ 217,006	Feeder Tie
St. George Island UG Submersible	\$ 7,126	Submersible UG
Denver St. Ne	\$ 222,714	Small Wire Upgrade
Us Hwy 19 Across Rr Tracks	\$ 4,442	OH to UG Conversions
St. Petersburg Beach Substation	\$ 144,978	OH to UG Conversions
SR 545 Feeder Tie K3283 To K205	\$ 254,903	Feeder Tie
Feeder Tie Bonnett Creek K975 To Celebration K2701	\$ 139,765	Feeder Tie
Us Hwy 90 Feeder Relocation	\$ 89,252	OH to UG Conversions
Seneca Blvd.	\$ 243,271	Backlot to Frontlot Conversion
North Tanner Road Backlot Conversion	\$ 112,355	Backlot to Frontlot Conversion
Winter Springs Blvd	\$ 160,556	Backlot to Frontlot Conversion
I4 Crossing @ Dixon	\$ 4,568	Small Wire Upgrade
I4 Crossing @ North St	\$ 60,879	Small Wire Upgrade
Conn Ave Recond (Carried Over From 2012)	\$ 7,945	Small Wire Upgrade
K206 - K3285	\$ 667	Feeder Tie
SCR Feeder Tie	\$ 16,972	Feeder Tie
Rouse Rd (Carried Over From 2012)	\$ 15,554	Small Wire Upgrade
Econ Backlot (Carried Over From 2012)	\$ 12,041	Backlot to Frontlot Conversion
Econ Trail	\$ (5,418)	Feeder Tie
Cr 455 Crossing	\$ 117,213	OH to UG Conversions
9Th St So (Carried Over From 2012)	\$ (15,813)	Feeder Tie
Greenwood Gardens	\$ 966	OH to UG Conversions
Accuff Rd	\$ 1,094	Small Wire Upgrade
Monastery I4 Oh-UG	\$ 5,194	OH to UG Conversions
Storm Hardening Feeder Tie	\$ 7,410	Feeder Tie
Total	\$ 4,186,640	

2014 Storm Hardening Spending - Capital Only		Subcategory
Base-Storm Hardening	\$ 269,597	N/A
NCR-Base-Storm Hardening	\$ (50,062)	N/A
SCR-Base-Storm Hardening	\$ 1,783	N/A
Vulcan Rd (Carried Over From 2013)	\$ 3,893	Feeder Tie
CR455 Xing (Carried Over From 2013)	\$ 4,717	OH to UG Conversions
Dirksen Rd (Carried Over From 2013)	\$ 121,783	Small Wire Upgrade
Monterey Bld (Carried Over From 2013)	\$ (136,375)	Feeder Tie
Alligator Point Extreme Wind - Part 2 (Carried Over From 2013)	\$ 172,171	Extreme Wind
1St St N (Carried Over From 2013)	\$ 642,395	Small Wire Upgrade
Denver St Ne (Carried Over From 2013)	\$ 339,925	Feeder Tie
St Petersburg Beach Substation (Carried Over From 2013)	\$ 13,098	Feeder Tie
C342-C343 (Carried Over From 2013)	\$ 598,075	Feeder Tie
Sr 545 Fdr Tie K3283 To K205 (Carried Over From 2013)	\$ (44,555)	Feeder Tie
Winter Springs Blvd (Carried Over From 2013)	\$ (531)	Backlot to Frontlot Conversion
North Tanner Rd Backlot Conv (Carried Over From 2013)	\$ 30,537	Backlot to Frontlot Conversion
Feeder Tie Btwn A68&A49	\$ 217,876	Feeder Tie
M451 To M453 Feeder Tie	\$ 402,163	Feeder Tie
Greenwood Gardens Reliab (Carried Over From 2013)	\$ 12,798	OH to UG Conversions
Accuff Rd (Carried Over From 2013)	\$ 30,711	Small Wire Upgrade
Shore Acres Bridge	\$ 10,513	Small Wire Upgrade
Minneola Feeder Tie	\$ 641,025	Feeder Tie
Mar Lisa Cove Dr	\$ 168,217	Small Wire Upgrade
Monastery I4 Oh-UG (Carried Over From 2013)	\$ 98,191	OH to UG Conversions
Feeder Tie (A38 & A204 In NCO)	\$ 821,711	Feeder Tie
Cordova Blv (Carried Over From 2013)	\$ 139,718	Feeder Tie
I4 Cross No	\$ 484	OH to UG Conversions
Tall Oak Tri	\$ 200,657	Small Wire Upgrade
Chapman Rd (Carried Over From 2013)	\$ (1,907)	Feeder Tie
Hickory Tree Rd Holopaw	\$ 482,781	Small Wire Upgrade
US 19 Rr Trk	\$ 145,846	OH to UG Conversions
I4 Crossing @ Dixon (Carried Over From 2013)	\$ (297)	OH to UG Conversions
Apopka Blvd Feeder Tie	\$ 123,533	Feeder Tie
Feeder Tie Plymouth	\$ 323,636	Feeder Tie
Storm Hardening - Orlavista	\$ 267,638	Feeder Tie
Feeder Tie Lake Helen	\$ 89,896	Feeder Tie
Storm Hardening- Lake O'Lakes	\$ 469	Feeder Tie
Reconductor Plymouth	\$ 6,763	Feeder Tie
WO255 OH/UG Conv.	\$ 66,219	OH to UG Conversions
2015 SH Carabella Beach	\$ 21,211	Feeder Tie
2015 SH-Maximo X146 Reconductor	\$ 21,762	Small Wire Upgrade
Reconductor Plymouth M707	\$ 58,003	Feeder Tie
2015 SH-Crump Rd.	\$ 668	Small Wire Upgrade
2015 SH Fort White A20 Rebuild To 2	\$ 1,009	Small Wire Upgrade
2015 SH - 16Th St. X43/X46 Reconduc	\$ 177	Small Wire Upgrade
Total	\$ 6,317,922	

2015 Storm Hardening Spending - Capital Only		Subcategory
Base-Storm Hardening	\$ 840,138	N/A
1St St N (Carried Over From 2014)	\$ 6,992	Small Wire Upgrade

Us 19 Rr Trk (Carried Over From 2014)	\$ 4,773	OH to UG Conversions
C342-C343 (Carried Over From 2014)	\$ 82,954	Small Wire Upgrade
M451 To M453 Feeder Tie (Carried Over From 2014)	\$ 17,484	Feeder Tie
Greenwood Gardens Reliab (Carried Over From 2014)	\$ (734)	OH to UG Conversions
Hickory Tree Rd Holopaw (Carried Over From 2014)	\$ 54,343	Small Wire Upgrade
Shore Acres Bridge (Carried Over From 2014)	\$ 184,291	Small Wire Upgrade
Minneola Feeder Tie (Carried Over From 2014)	\$ 436,296	Feeder Tie
Tall Oak Tri (Carried Over From 2014)	\$ (12,610)	Small Wire Upgrade
Feeder Tie Plymouth (Carried Over From 2014)	\$ (3,277)	Feeder Tie
Apopka Blvd Feeder Tie (Carried Over From 2014)	\$ 282,138	Feeder Tie
Reconductor Plymouth M707 (Carried Over From 2014)	\$ 168,434	Feeder Tie
East Ave Reconductor	\$ 95,162	Feeder Tie
Orlavista (Carried Over From 2014)	\$ 124,635	Feeder Tie
Feeder Tie	\$ 222,070	Feeder Tie
Land O'Lakes (Carried Over From 2014)	\$ 409,531	Feeder Tie
2015 SH Tiny Rd Reconductor	\$ 653,042	Small Wire Upgrade
2015 SH New Independence Feeder Tie	\$ 506,146	Feeder Tie
2015 SH Carabella Beach (Carried Over From 2014)	\$ 1,244,427	Feeder Tie
2015 SH - 16Th St. X43/X46 Reconduc	\$ 3,583	Small Wire Upgrade
2015 SH-Maximo X146 Reconductor (Carried Over From 2014)	\$ 131,108	Small Wire Upgrade
Feeder Tie Lake Helen (Carried Over From 2014)	\$ 52,695	Feeder Tie
Deltona East W0124 Feeder	\$ 163,281	Feeder Tie
2015 SH-Crump Rd. (Carried Over From 2014)	\$ 402,395	Small Wire Upgrade
2015 SH-Ft. White A20 Rebuild	\$ 205,843	Small Wire Upgrade
2015 SH Hickory Tree Rd Reconductor	\$ 472,496	Small Wire Upgrade
Feeder Tie Btwn A68&A49 (Carried Over From 2014)	\$ 6,987	Feeder Tie
2015 SH - Us27 & Avon Par	\$ 199,586	Small Wire Upgrade
2015 SH - Highland C2807 Weak Link	\$ 176,851	Small Wire Upgrade
Wo255 Oh/Ug Conv. (Carried Over From 2014)	\$ 20,467	OH to UG Conversions
2015 SH Fort White A20 Rebuild To 2 (Carried Over From 2014)	\$ 233,533	Small Wire Upgrade
2015 SH - St Marks N336 W	\$ 520,048	Feeder Tie
2015 SH Rolling Hills	\$ 191,520	Small Wire Upgrade
Reconductor Plymouth (Carried Over From 2014)	\$ 112,400	Feeder Tie
2015 SH - Ochlockonee N38	\$ 11,217	Backlot to Frontlot Conversion
2015 SH - Reams Feeder Ti	\$ 162,954	Feeder Tie
2015 SH - Brooker Creek C	\$ 7,207	Feeder Tie
Accuff Rd (Carried Over From 2014)	\$ 1,376	Small Wire Upgrade
2015 SH - Feeder Tie Eust	\$ 189,939	Feeder Tie
2015 SH Fdr Tie Cassadaga To Lhelen	\$ 109	Feeder Tie
2015 SH - Reconductor Ply	\$ 83,650	Feeder Tie
2015 SH Canter Club Trail	\$ 180,583	OH to UG Conversions
Storm Hardening N67 (Carried Over From 2014)	\$ (4,857)	Backlot to Frontlot Conversion
Mar Lisa Cove Dr (Carried Over From 2014)	\$ (10,729)	Small Wire Upgrade
2015 SH - Oakland Ave Fee	\$ 282,222	Feeder Tie
2015 SH - Maximo X149 4/0	\$ 21	Small Wire Upgrade
2015 SH - Oviedo W0172 Lo	\$ 57,108	Feeder Tie
2016 SH - Hartwood Marsh Rd Feeder	\$ 2,179	Feeder Tie
2016 SH - Hickory Tree Rd Ph 3	\$ 24,895	Small Wire Upgrade
2016 SH - Hickory Tree Rd Ph 4	\$ 25,487	Small Wire Upgrade
2016 SH - Pilsbury To 32Nd St -Perm	\$ 11,555	Feeder Tie
2016 SH - Durfey Ave - DI-Sh-176	\$ 2,310	Small Wire Upgrade
2016 SH - Ocala - Se 64Th Ave Rd	\$ 11,873	Feeder Tie
2016 SH - Floral City Ph 1	\$ 3,760	Feeder Tie
2016 SH - Old Sanford Oviedo Rd	\$ 882	Small Wire Upgrade

2016 SH - Lake Berge Dr	\$ 29,923	Feeder Tie
2016 SH - Vinoy X72 Reconductor	\$ 201	Feeder Tie
Total	\$ 9,282,893	

4. Referring to DEF’s response to request number 8,

a. Please explain and describe each project type for all transmission hardening projects.

RESPONSE:

Governmental – projects requested by the Department of Transportation.

Rebuild – projects which will include a complete replacement of transmission line structures, conductor, and all supporting equipment within the segment identified.

Customer Request – projects requested by REAs, Municipalities, or other customers of Duke Energy.

Line – projects which replace a portion or specific equipment within an identified line segment.

New – projects which build a new segment of transmission line which includes transmission line structures and all supporting equipment within the segment identified.

Rebuild/New – projects which include both rebuild of existing transmission line and installation of new transmission line within the identified segment. Include structures and all supporting equipment within the segment identified.

Retire – projects which disconnect the identified segment from the energized grid. Retired equipment may be retired in place or removed.

b. For the tables listed on page 22 of the response, please provide the number of projects per year for each project type listed for the years 2010 through 2018.

RESPONSE:

Project Type	Hardening Projects	Capital Total Cost
Customer Request	5	\$ 172,173
2007	3	\$ 35,360
2008	2	\$ 136,813
Governmental	55	\$ 21,015,646
2006	2	\$ 739,485

2007	6	\$ 809,159
2008	4	\$ 1,361,550
2009	4	\$ 1,357,761
2010	11	\$ 4,008,705
2011	8	\$ 4,359,590
2012	5	\$ 1,302,804
2013	4	\$ 2,659,414
2014	4	\$ 1,948,288
2015	3	\$ 459,925
2016	4	\$ 2,008,965
Line	37	\$ 46,407,054
2012	4	\$ 5,360,138
2013	31	\$ 22,076,890
2014	2	\$ 18,970,026
New	24	\$ 178,451,984
2007	4	\$ 54,567,322
2008	5	\$ 26,203,645
2009	1	\$ 2,240,613
2010	2	\$ 23,531,467
2012	1	\$ 8,891,562
2013	10	\$ 61,531,807
2014	1	\$ 1,485,567
Purchase	1	\$ 2,729,682
2007	1	\$ 2,729,682
Rebuild	63	\$ 326,758,405
2007	2	\$ 2,900,357
2008	8	\$ 33,759,857
2009	5	\$ 24,617,669
2010	7	\$ 25,706,352
2011	5	\$ 28,627,733
2012	8	\$ 40,704,138
2013	5	\$ 34,398,265
2014	16	\$ 84,445,799
2015	2	\$ 17,362,303
2016	5	\$ 34,235,930
Rebuild / new	3	\$ 80,392,101
2008	1	\$ 17,137,548
2009	1	\$ 18,088,532
2010	1	\$ 45,166,021
Retire	1	\$ 5,913
2013	1	\$ 5,913
Grand Total	189	\$ 655,932,958

Project Type	Hardening Count	Estimated Capital (2016 - 2018)
Governmental	31	\$ 26,641,409
2016	10	\$ 9,073,302
2017	12	\$ 13,712,105
2018	3	\$ 2,912,157
TBD ⁽¹⁾	6	\$ 943,845
New	3	\$ 12,656,658
2016	2	\$ 12,241,911
TBD ⁽¹⁾	1	\$ 414,747
Rebuild	46	\$ 286,529,773
2016	3	\$ 10,318,418
2017	14	\$ 78,262,619
2018	22	\$ 184,603,186
2019	1	\$ 428,396
TBD ⁽¹⁾	6	\$ 12,917,154
Retire	1	\$ 60,496
TBD ⁽¹⁾	1	\$ 60,496
Grand Total	81	\$ 325,888,336

Dates provided are Scheduled In Service Dates. Project costs may accrue over more than one budget year.

Note ⁽¹⁾: TBD (To be determined)

	Submersible UG		\$0 01	\$0 01		\$0	\$0		\$0	\$0		\$0 74	\$0 74		\$0	\$0		\$0	\$0
	Alternative NECS Construction Standards		\$0 60	\$0 60		\$0 17	\$0 17		\$0	\$0		\$0	\$0		\$0	\$0		\$1 00	\$1 00
	Feeder Ties		\$0 63	\$0 63		\$3 89	\$3 89		\$5 20	\$5 20		\$1 02	\$1 02		\$3 19	\$3 19		\$3 46	\$3 46
	OH/UG Conversions		\$0 43	\$0 43		\$0 33	\$0 33		\$0 21	\$0 21		\$0	\$0		\$0 06	\$0 06		\$0	\$0
	Subtotal	\$0 29	\$4 19	\$4 47	\$0 32	\$6 32	\$6 64	\$0 21	\$9 28	\$9 49	\$0 26	\$4 80	\$5 06	\$0 32	\$6 00	\$6 32	\$0 43	\$8 00	\$8 43
	Totals	\$54 77	\$146 79	\$201 56	\$57 59	\$141 92	\$199 41	\$59 77	\$149 88	\$209 76	\$55 48	\$108 90	\$164 28	\$63 23	\$112 20	\$175 43	\$63 43	\$117 30	\$180 73

*2016 and beyond only indicate the Storm Hardening Pilot projects in the specific category types for Feeder Hardening Projects, as the entire work plan has not yet been established

*Difference in subtotal of Feeder Hardening Jobs is attributed to charge blankets associated with smaller storm hardening projects

*O&M is not tracked at the individual project level for Feeder Hardening Projects Annual total is provided above

*The Hardening of existing transmission structures total for 2015 differs from the total previously reported due to two errors in the previously reported total First, Indirect allocations were included in the original submission and should have been excluded Second, non-hardening line projects were included in the totals which should have been excluded Correction of these errors resulted in a change to Line Maintenance Changeouts, DOT/Customer Relocations, and Line Upgrades and additions The previously reported figure was overstated by \$15.3M.