THIRD QUARTERLY PROJECT TRACKING REPORT 2016

July 2016

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EXECUTIVE SUMMARY

SPP actively monitors and supports the progress of transmission expansion projects, emphasizing the importance of maintaining accountability for areas such as grid regional reliability standards, firm transmission commitments and Tariff cost recovery.

Each quarter SPP staff solicits feedback from the project owners to determine the progress of each approved transmission project. This quarterly report charts the progress of all SPP Transmission Expansion Plan (STEP) projects approved either directly by the SPP Board of Directors (Board) or through a FERC filed service agreement under the SPP Open Access Transmission Tariff (OATT).

The reporting period for this report is February 1, 2016 through April 30, 2016. Table 1 provides a summary of all projects in the current Project Tracking Portfolio (PTP), which includes all Network Upgrades in which construction activities are ongoing, or construction has completed but not all the close-out requirements have been fulfilled in accordance to Section 13 of Business Practice 7060. The PTP includes all active Network Upgrades including transmission lines, transformers, substations, and devices.

Table 1 below summarizes the PTP for this quarter. Figures 1 reflects the percentage cost of each upgrade type in the PTP. Figure 2 shows the percentage cost of each project status in the PTP.

Upgrade Type	No. of Upgrades	Estimated Cost	Miles of New	Miles of Rebuild	Miles of Voltage Conversion
Economic	4	$37,946,093	0.0	0.0	28.8
High Priority	67	$1,138,311,034	776.1	5.1	0.0
Regional Reliability	331	$3,145,733,180	1697.3	428.0	328.1
Transmission Service	19	$87,864,499	12.9	17.0	0.0
Zonal Reliability	13	$135,698,578	34.7	73.5	0.0
NTC Projects Subtotal	**434**	**$4,545,553,383**	**2521.1**	**523.5**	**356.9**
Generation Interconnection	90	$316,597,826	20.0	0.0	0.0
Regional Reliability - Non OATT	1	$7,107,090	0.0	0.0	0.0
TO - Sponsored	7	$45,834,938	10.7	0.0	0.0
Non-NTC Projects Subtotal	**98**	**$369,539,854**	**30.7**	**0.0**	**0.0**
Total	**532**	**$4,915,093,237**	**2551.8**	**523.5**	**356.9**

Table 1: Q3 2016 Portfolio Summary

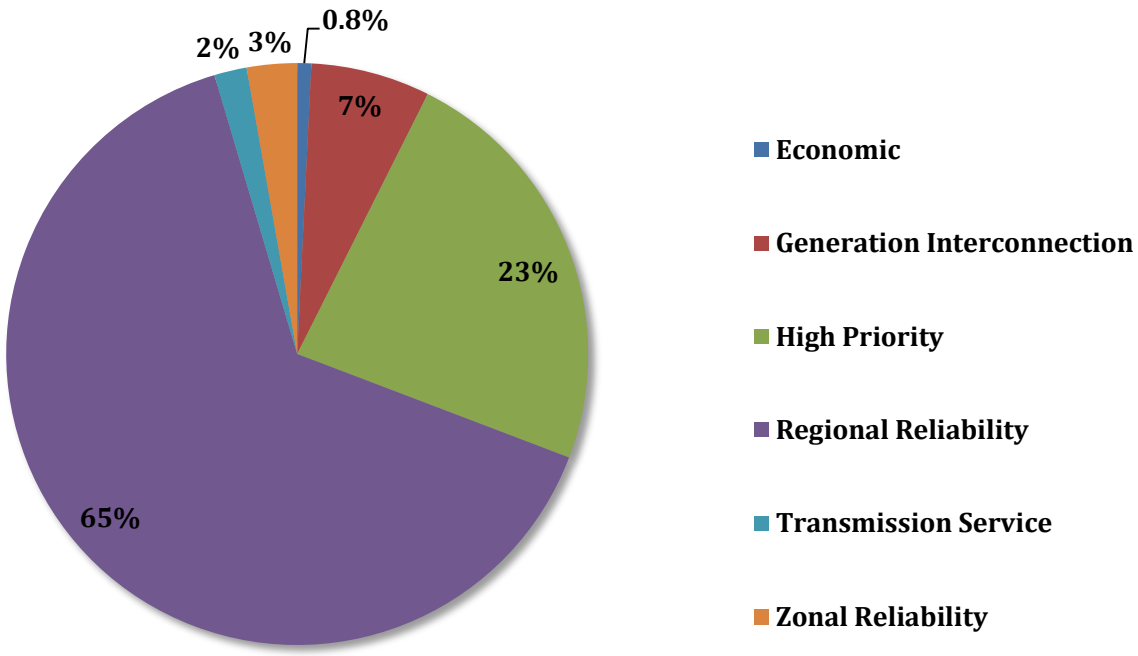

Figure 1: Percentage of Project Type on Cost Basis

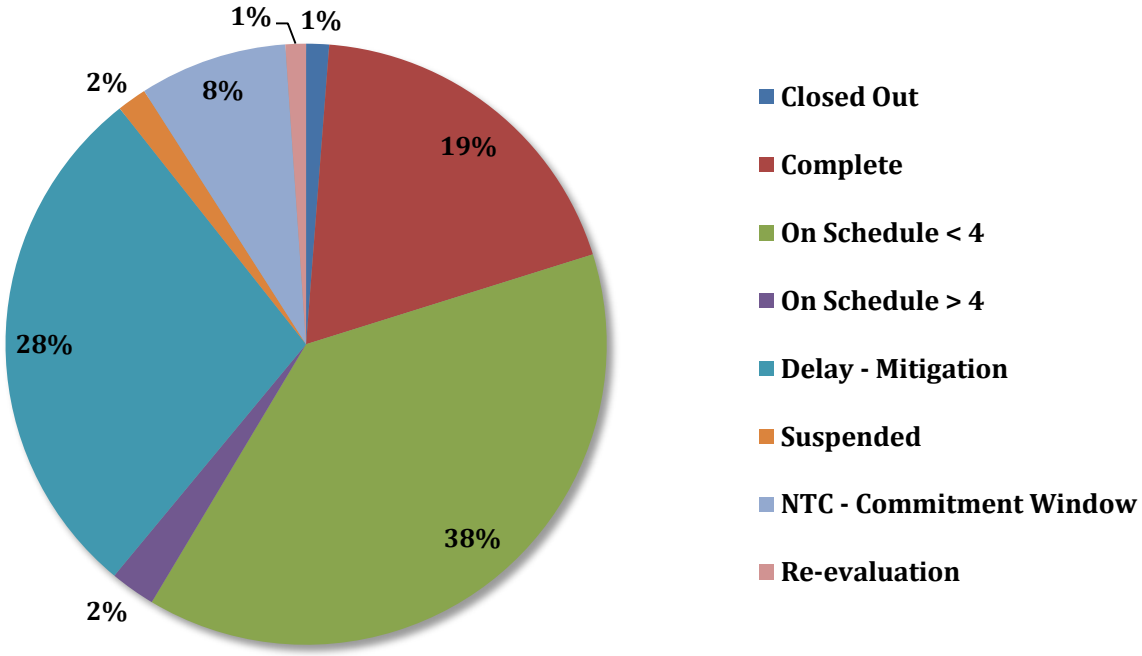

Figure 2: Percentage of Project Status on Cost Basis

NTC PROJECT SUMMARY

In adherence to the OATT and Business Practice 7060, SPP issues Notifications to Construct (NTCs) to Designated Transmission Owners (DTOs) to commence the construction of Network Upgrades that have been approved or endorsed by the Board intended to meet the construction needs of the STEP, OATT, or Regional Transmission Organization (RTO).

Figure 3 reflects project status within each source study, and Table 2 provides the supporting data. Figure 4 shows the amount of estimated cost by in-service year for all Network Upgrades that have been issued an NTC or NTC-C. **Note: Figures 3 and 4, and Table 2 provide data for all projects for which SPP has issued an NTC or NTC-C, regardless of completion date, and therefore include data from Network Upgrades no longer included in PTP.**

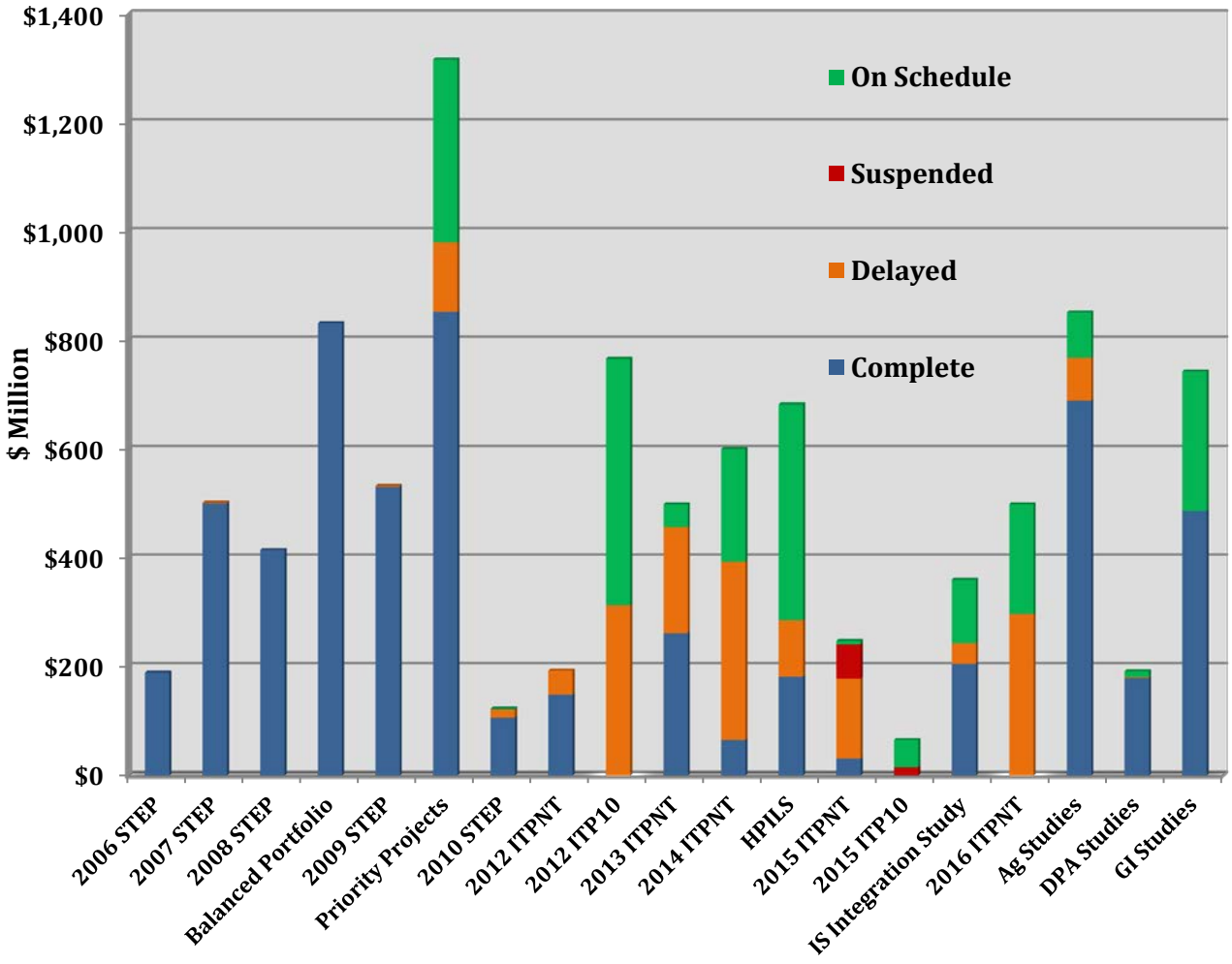

Figure 3: Project Status by NTC Source Study

Source Study	Complete	Delayed	Suspended	On Schedule	Total
2006 STEP	$189,388,776	$0	$0	$0	**$189,388,776**
2007 STEP	$501,043,194	$1,050,000	$0	$0	**$502,093,194**
2008 STEP	$414,962,280	$0	$0	$0	**$414,962,280**
Balanced Portfolio	$831,367,452	$0	$0	$0	**$831,367,452**
2009 STEP	$531,671,210	$1,400,000	$0	$0	**$533,071,210**
Priority Projects	$852,413,361	$127,995,000	$0	$336,433,874	**$1,316,842,235**
2010 STEP	$106,819,723	$14,357,490	$0	$1,731,419	**$122,908,632**
2012 ITPNT	$148,809,440	$44,238,898	$0	$0	**$193,048,338**
2012 ITP10		$313,376,623	$0	$452,517,245	**$765,893,868**
2013 ITPNT	$262,271,854	$195,339,454	$0	$41,462,612	**$499,073,919**
2014 ITPNT	$65,503,283	$328,193,205	$0	$207,359,505	**$601,055,993**
HPILS	$182,023,661	$103,527,234	$0	$396,824,034	**$682,374,929**
2015 ITPNT	$31,198,070	$146,962,856	$62,996,125	$6,607,406	**$247,764,456**
2015 ITP10	$0	$0	$15,234,358	$50,054,430	**$65,288,788**
IS Integration Study	$205,500,000	$38,000,000	$0	$116,800,000	**$360,300,000**
2016 ITPNT	$0	$297,816,459	$0	$201,514,674	**$499,331,133**
Ag Studies	$689,415,802	$78,331,477	$0	$83,500,470	**$851,247,749**
DPA Studies	$179,399,512	$2,070,655	$0	$10,373,590	**$191,843,757**
GI Studies	$487,208,232	$0	$0	$255,399,784	**$742,608,016**
Total	**$5,678,995,851**	**$1,692,659,350**	**$78,230,483**	**$2,160,579,041**	**$9,610,464,726**

Table 2: Project Status by NTC Source Study

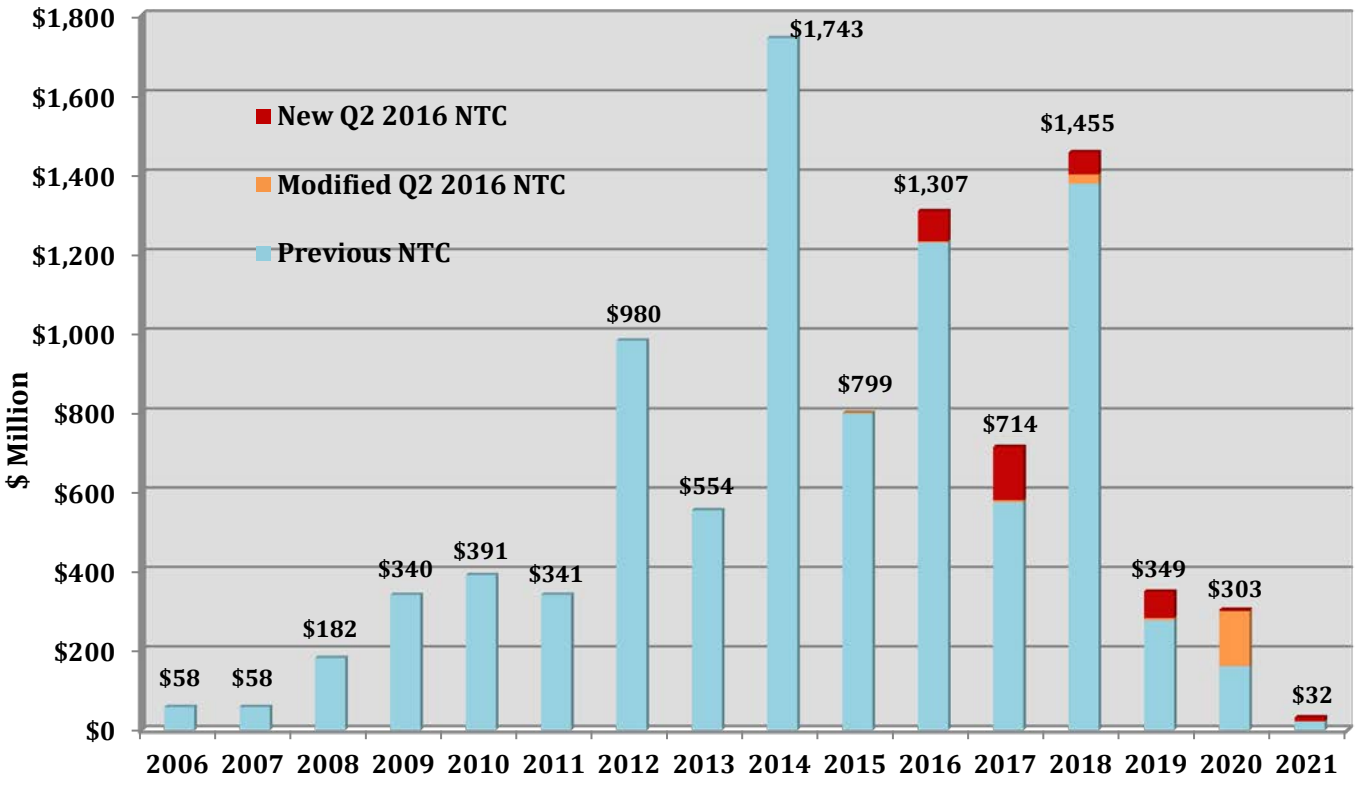

Figure 4: Estimated Cost for NTC Project per In-Service Year

NTC ISSUANCE

Twenty-two new NTCs were issued since the last quarterly report totaling an estimated $521.7 million.

Five NTCs were issued as a result of the completion of Aggregate Studies, SPP-2014-AG1-AFS-6 and SPP-2015-AG1-AFS-6. The total estimated cost of the Network Upgrades listed in these NTCs is $6.1 million.

NTC No. 200384 was issued to Southwestern Public Service Co. (SPS) as a result of the Delivery Point Addition Study, DPA-2013-JUN-342. The total estimated cost of the two Network Upgrades listed in this NTC is $4.6 million.

NTC No. 200385 was issued to Mid-Kansas Electric Company (MKEC) after the Board in April 2016 concluded the Transmission Owner Selection Process for the Competitive Upgrade to build a new 21-mile 115 kV line from Walkemeyer to North Liberal. The estimated cost of the Network Upgrade is $8,325,610.

Ten NTCs and three Notification to Construct with Conditions (NTC-C) were issued as a result of the Board approval of the 2016 Integrated Transmission Planning Near-Term Assessment (ITPNT). The total estimated cost of the Network Upgrades described in these NTCs is $499.5 million.

One Generation Interconnection NTC was issued to Oklahoma Gas & Electric Company (OGE) for a Network Upgrade estimated to cost $20,000.

Table 3 summarizes the NTC activity from April 1, 2016 through June 30, 2016. NTC ID values in **bold** font indicate NTC-Cs.

NTC ID	Owner	NTC Issue Date	Upgrade Type	Source Study	No. of Upgrades	Estimated Cost of New Upgrades	Estimated Cost of Previously Approved Upgrades
200378	OGE	4/5/2016	Regional Reliability	SPP-2015-AG1-AFS-6	1	$500,000	
200379	WR	4/5/2016	Regional Reliability	SPP-2015-AG1-AFS-6	2	$645,773	
200380	GRDA	4/20/2016	Regional Reliability	SPP-2014-AG1-AFS-6	2		$675,000
200381	SPS	4/12/2016	Regional Reliability	SPP-2014-AG1-AFS-6	1		$5,000
200382	AEP	4/12/2016	Regional Reliability	SPP-2014-AG1-AFS-6	1	$4,319,501	
200384	SPS	4/20/2016	Regional Reliability	DPA-2013-JUN-342	2	$4,555,114	
200385	MKEC	5/17/2016	Regional Reliability	2015 ITP10	1	$8,325,610	
200386	AEP	5/17/2016	Regional Reliability/Zonal Reliability	2016 ITPNT	9	$55,261,359	
200387	BEPC	5/17/2016	Regional Reliability	2016 ITPNT	6	$123,391,600	
200388	BEPC	5/17/2016	Regional Reliability	2016 ITPNT	4	$21,919,028	
200389	ETEC	5/17/2016	Regional Reliability	2016 ITPNT	1	$1,712,000	
200390	GRDA	5/17/2016	Regional Reliability	2016 ITPNT	4	$3,400,600	$295,000
200391	OGE	5/17/2016	Regional Reliability	2016 ITPNT	4	$29,300,000	
200392	OGE	5/17/2016	Regional Reliability	2016 ITPNT	2	$750,000	$4,009,000
200393	OPPD	5/17/2016	Regional Reliability	2016 ITPNT	1	$619,277	
200394	SEPC	5/17/2016	Regional Reliability	2016 ITPNT	1		$1,909,424
200395	SPS	5/17/2016	Regional Reliability/Economic	2016 ITPNT	28	$48,683,192	$158,782,895
200396	WFEC	5/17/2016	Regional Reliability	2016 ITPNT	2	$21,700,000	
200397	WFEC	5/17/2016	Regional Reliability	2016 ITPNT	12	$18,791,325	$8,652,000
200398	WR	5/17/2016	Zonal Reliability	2016 ITPNT	1	$364,080	
200401	SPS	5/25/2016	Regional Reliability	2014 ITPNT	1		$3,187,532
200402	OGE	6/7/2016	Generation Interconnection	GEN-2014-057	1	$20,000	
				Total	**87**	**$344,258,459**	**$177,515,851**

Table 3: Q2 2016 NTC Issuance Summary

NTC WITHDRAW

Five NTCs were withdrawn for 16 Network Upgrades since the last quarterly report, totaling an estimated $56.5 million.

Thirteen of the withdrawn Network Upgrades were determined to no longer be needed as a part of the ongoing 2016 ITP Near-Term Assessment. The Board approved the withdrawals at its meeting in April 2016.

Table 4 lists the NTC Withdraw activity from April 1, 2016 through June 30, 2016. NTC ID values in **bold** font indicate NTC-Cs.

NTC ID	Owner	NTC Withdraw Date	Upgrade Type	Source Study	No. of Upgrades	Estimated Cost of Withdrawn Upgrades
200380	GRDA	4/20/2016	Regional Reliability	SPP-2014-AG1-AFS-6	2	$7,719,238
200383	OGE	4/20/2016	Transmission Service	SPP-2015-AG1-AFS-6	1	$700,000
200386	AEP	5/17/2016	Regional Reliability	2016 ITPNT	1	$5,699,679
200392	OGE	5/17/2016	Regional Reliability	2016 ITPNT	1	$0
200397	WFEC	5/17/2016	Regional Reliability/High Priority	2016 ITPNT	11	$42,389,641
				Total	**16**	**$56,508,558**

Table 4: Q1 2016 NTC Withdraw Summary

COMPLETED PROJECTS

Twenty-three (23) Network Upgrades with NTCs and one Generation Interconnection Network Upgrade were verified as completed during the reporting period, totaling an estimated $309.3 million.

Table 5 lists the Network Upgrades reported and confirmed as completed during the reporting period. Table 6 summarizes the completed projects over the previous year, including Network Upgrades not yet confirmed as completed. Figure 5 reflects the completed projects by upgrade type on a cost basis for the current year and the following year based on current projected in-service dates. Tables 7 and 8 summarize all Network Upgrades that include construction of transmission lines, both for the current year and the following year. **Note: Previous quarter's updated results are listed as the Transmission Owners may make adjustments to final costs and status of projects completed during the year.**

UID	Network Upgrade Name	Owner	NTC Source Study	Cost Estimate
10524	GRANDFIELD 138/69KV TRANSFORMER CKT 1	WFEC	2007 STEP	$5,000,000
10615	Forbing Tap - South Shreveport 69 kV Ckt 1	AEP	2013 ITPNT	$1,221,505
10657	Ellerbe Road - Forbing T 69 kV Ckt 1	AEP	2014 ITPNT	$8,174,689
11009	HAPPY INTERCHANGE 115/69KV TRANSFORMER CKT 2	SPS	2010 STEP	$1,565,056
11052	PLEASANT HILL 230/115KV TRANSFORMER CKT 1	SPS	2009 STEP	$15,713,303
11317	Grassland Interchange 230/115 kV Transformer Ckt 1	SPS	2013 ITPNT	$4,003,560
11425	Cole - Criner 138 kV Ckt 1	WFEC	2013 ITPNT	$1,400,000
50328	HALSTEAD SOUTH BUS - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	WR	Ag Studies	$108,694
50334	WINNSBORO 138KV	AEP	2010 STEP	$1,166,400
50453	Bowers - Howard 115 kV	SPS	DPA Studies	$30,851,077
50516	Deaf Smith County Interchange 230/115 kV Transformer Ckt 2	SPS	2013 ITPNT	$4,225,233
50607	Messick 500/230 kV Transformer Ckt 1	AEP	2013 ITPNT	$30,369,537
50615	Messick 500 kV Terminal Upgrades	AEP	2013 ITPNT	$21,508,234
50624	Medford Tap - Pond Creek 138 kV (WFEC)	WFEC	DPA Studies	$3,540,000
50696	Neosho 138/69 kV Ckt 1 Transformer	WR	2014 ITPNT	$7,000,099
50726	City of Wellington - Sumner County No.4 Rome 69 kV Ckt 1 Rebuild	WR	2014 ITPNT	$5,226,656
50764	Ahloso - Harden City 138 kV Ckt 1 Voltage Conversion	OGE	2014 ITPNT	$6,929,179
50821	Potash Junction 230/115 kV Ckt 1	SPS	HPILS	$3,687,581
50881	Andrews 230/115 kV Ckt 1 Transformer	SPS	HPILS	$10,671,660
50882	Andrews - NEF 115 kV Ckt 1	SPS	HPILS	$3,523,472
51132	Road Runner 115 kV SVC	SPS	2015 ITPNT	$28,918,070
51361	Meadow Grove 230kV (GEN-2014-031 TOIF)	NPPD	GI Studies	$100,000
			Total	**$194,904,006**

Table 5: Q2 2016 Completed Network Upgrades

Upgrade Type	Q3 2015	Q4 2015	Q1 2016	Q2 2016	Total
Regional Reliability	15 $84,114,928	11 $47,450,683	24 $313,704,267	18 $167,768,024	**68** **$613,037,903**
Transmission Service	4 $15,753,551	1 $4,800,000	2 $1,617,301	1 $108,694	**8** **$22,279,546**
High Priority	4 $21,937,103	2 $61,928,987	3 $23,382,497	3 $17,882,713	**12** **$125,131,300**
Zonal Reliability	1 $355,000	0 $0	1 $816,203	0 $0	**2** **$1,171,203**
Generation Interconnection	8 $52,719,246	12 $53,100,204	1 $1,588,977	2 $1,600,377	**23** **$109,008,805**

Table 6: Completed Project Summary through 2nd Quarter 2016

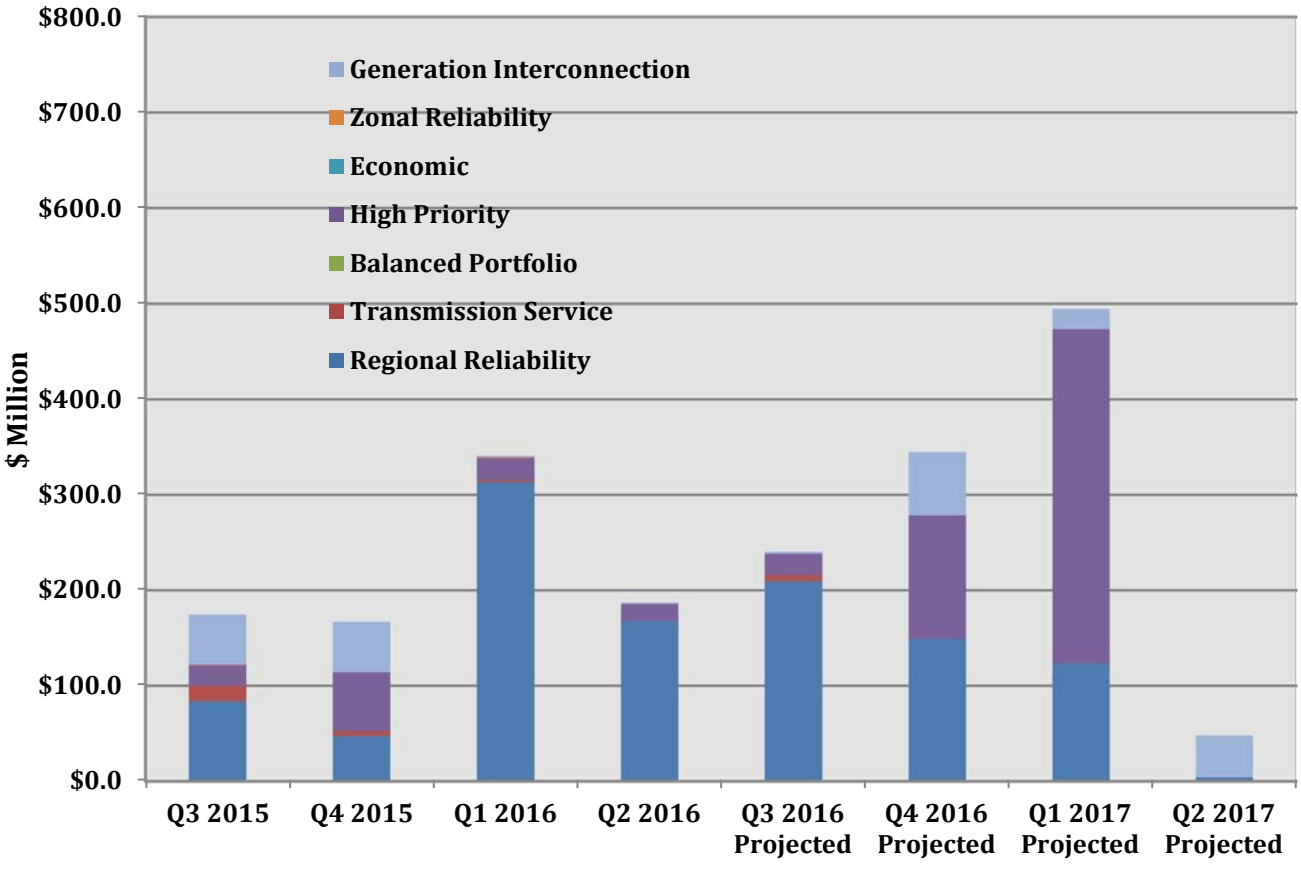

Figure 5: Completed Upgrades by Type per Quarter

Voltage Class	Number of Upgrades	New	Rebuild/ Reconductor	Voltage Conversion	Estimated Cost
69	18	73.6	63.3	0.0	$121,900,674
115	12	134.1	0.0	4.5	$109,106,944
138	5	13.0	19.1	17.5	$27,528,757
161	0	0.0	0.0	0.0	$0
230	5	87.9	0.0	122.0	$88,858,508
345	2	145.0	0.0	0.0	$164,000,000
Total	**42**	**453.5**	**82.4**	**144.0**	**$511,394,883**

Table 7: Line Upgrade Summary for Previous 12 Months

Voltage Class	Number of Upgrades	New	Rebuild/ Reconductor	Voltage Conversion	Estimated Cost
69	5	2.0	29.7	0.0	$17,237,371
115	8	81.0	37.2	1.0	$95,969,752
138	5	40.8	16.1	11.7	$52,704,268
161	0	0.0	0.0	0.0	$0
230	0	0.0	0.0	0.0	$0
345	7	376.7	0.0	0.0	$608,199,308
Total	**25**	**500.5**	**82.9**	**12.8**	**$774,110,699**

Table 8: Line Upgrade Projections for Next 12 Months

PROJECT STATUS SUMMARY

SPP assigns a project status to all Network Upgrades based on the projected in-service dates provided by the DTOs relative to the Need Date determined for the project. Project status definitions are provided below:

- **Complete:** Construction complete and in-service
- **Closed Out:** Construction complete and in-service; all close-out requirements fulfilled
- **On Schedule < 4:** On Schedule within 4-year horizon
- **On Schedule > 4:** On Schedule beyond 4-year horizon
- **Delayed:** Projected In-Service Date beyond Need Date; interim mitigation provided or project may change but time permits the implementation of project
- **Within NTC Commitment Window:** NTC/NTC-C issued, still within the 90-day written commitment to construct window and no commitment received
- **Within NTC-C Project Estimate Window:** Within the NTC-C Project Estimate (CPE) window
- **Within RFP Response Window:** RFP issued for the project
- **Re-evaluation:** Project active; pending re-evaluation
- **Suspended:** Project suspended; pending re-evaluation

Figure 6 reflects a summary of project status by upgrade type on a cost basis.

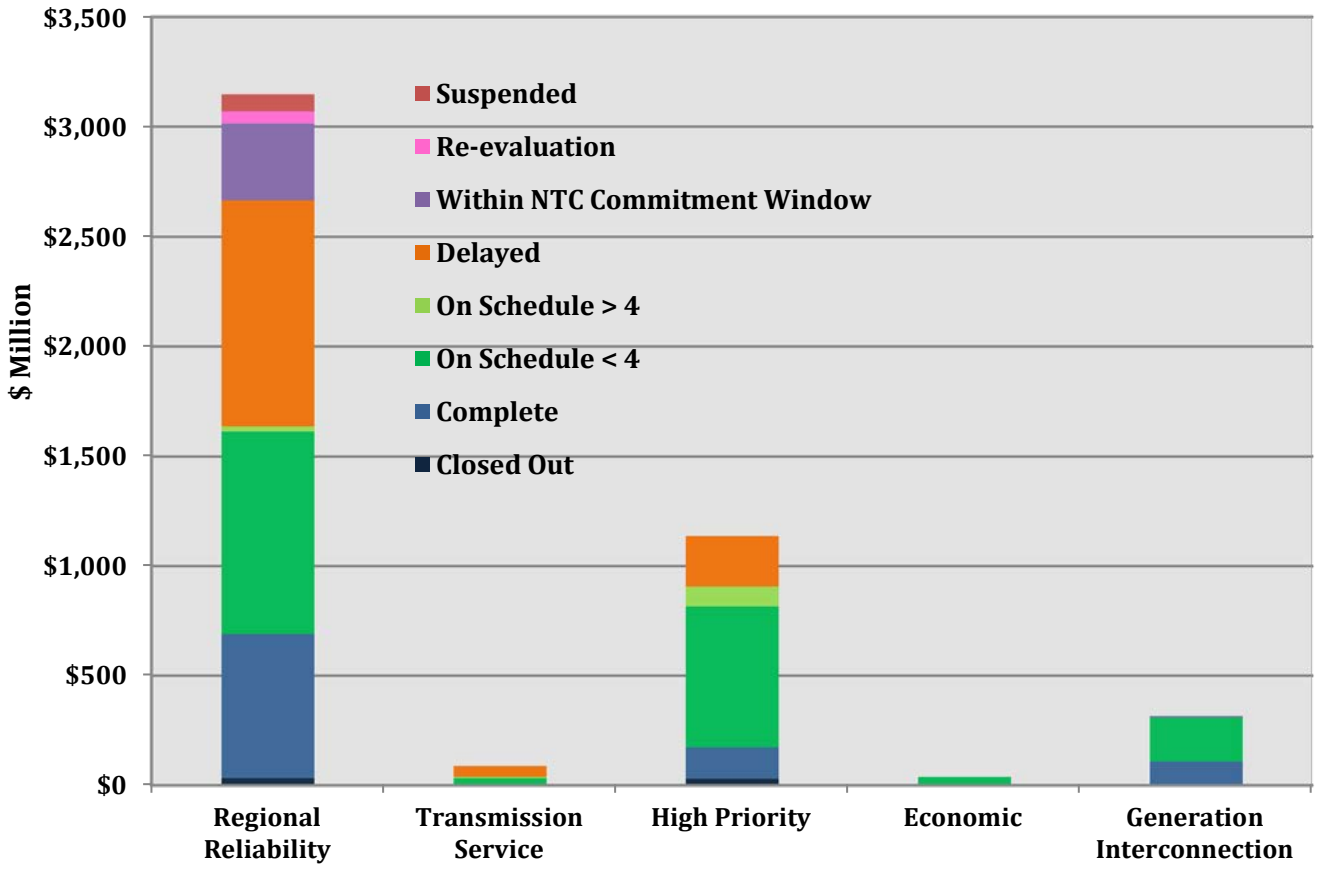

Figure 6: Project Status Summary on a Cost Basis

BALANCED PORTFOLIO

Approved in April 2009, the Balanced Portfolio was an initiative to develop a group of economic transmission upgrades that benefit the entire SPP region, and to allocate those project costs regionally. The projects that were issued NTCs as a result of the study include a diverse group of projects, estimated to add approximately 702 miles of new 345 kV transmission line to the SPP system.

The total cost estimate of $831.4 million for the projects making up the Balanced Portfolio decreased by less than 1% from the previous quarter's total.

All the projects making up the Balanced Portfolio have been completed and placed into service. A final reallocation of Revenue Requirements for deficient Zone(s) will be performed once all actual costs have been reported.

Figure 7 below depicts a historical view of the total estimated cost of the Balanced Portfolio. Table 9 provides a project summary of the projects making up the Balanced Portfolio.

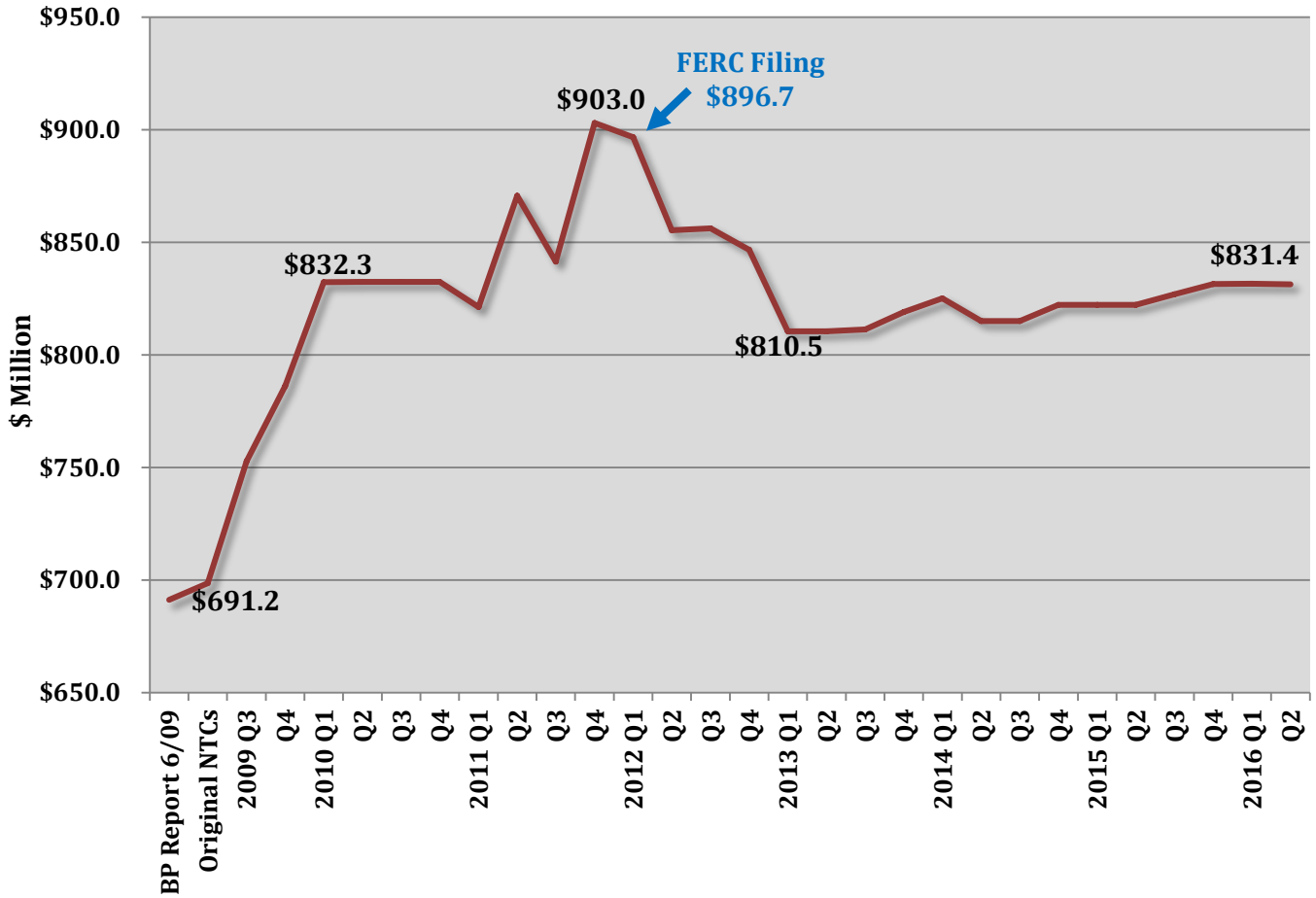

Figure 7: Balanced Portfolio Cost Estimate Trend

Project ID(s)	Project Owner(s)	Project Name	Line Length	Study Estimates	Q1 2016 Cost Estimates	Q2 2016 Cost Estimates	Var. %
705/709	WFEC/OGE	Gracemont Substation 345 kV	N/A	$8,000,000	$14,486,622	$14,859,014	2.6%
707/708	ITCGP/NPPD	Spearville - Post Rock - Axtell 345 kV	226.9	$236,557,015	$207,495,845	$206,798,467	-0.3%
698/699	OGE/GRDA	Sooner - Cleveland 345 kV	36	$33,530,000	$50,262,358	$50,269,871	0.0%
702	KCPL	Swissvale - Stilwell Tap 345 kV	N/A	$2,000,000	$2,875,727	$2,875,727	0.0%
700	OGE	Seminole - Muskogee 345 kV	118	$129,000,000	$163,416,396	$163,456,250	0.0%
701/704	OGE/SPS	Tuco – Woodward 345 kV	290.1	$227,727,500	$330,003,491	$330,158,871	0.0%
703	GMO/KCPL	Iatan – Nashua 345 kV	30.9	$54,444,000	$62,949,252	$62,949,252	0.0%
		Total	**701.9**	**$691,258,515**	**$831,489,691**	**$831,367,452**	**0.0%**

Table 9: Balanced Portfolio Cost Summary

PRIORITY PROJECTS

In April 2010 the Board and Members Committee approved for construction a group of "priority" high voltage electric transmission projects estimated to bring benefits of at least $3.7 billion to the SPP region over 40 years. The projects issued NTCs as a result of the study are estimated to add 291 miles of new single circuit 345 kV transmission line and 435 miles of double circuit 345 kV transmission to the SPP region.

In October 2010 the Board approved an overall cost increase for the Priority Projects due to line rerouting and addition costs for reactive compensation. The total cost estimate for the Priority Projects after the variances were approved was $1.42 billion.

The total cost estimate of $1.32 billion for the projects included in the Priority Projects report decreased by less than 1% from the previous quarter's total.

Figure 8 below depicts a historical view of the total estimated cost of the Priority Projects. Table 10 provides a project summary of the projects making up the Priority Projects. Table 11 lists construction status updates for the Priority Projects not yet completed.

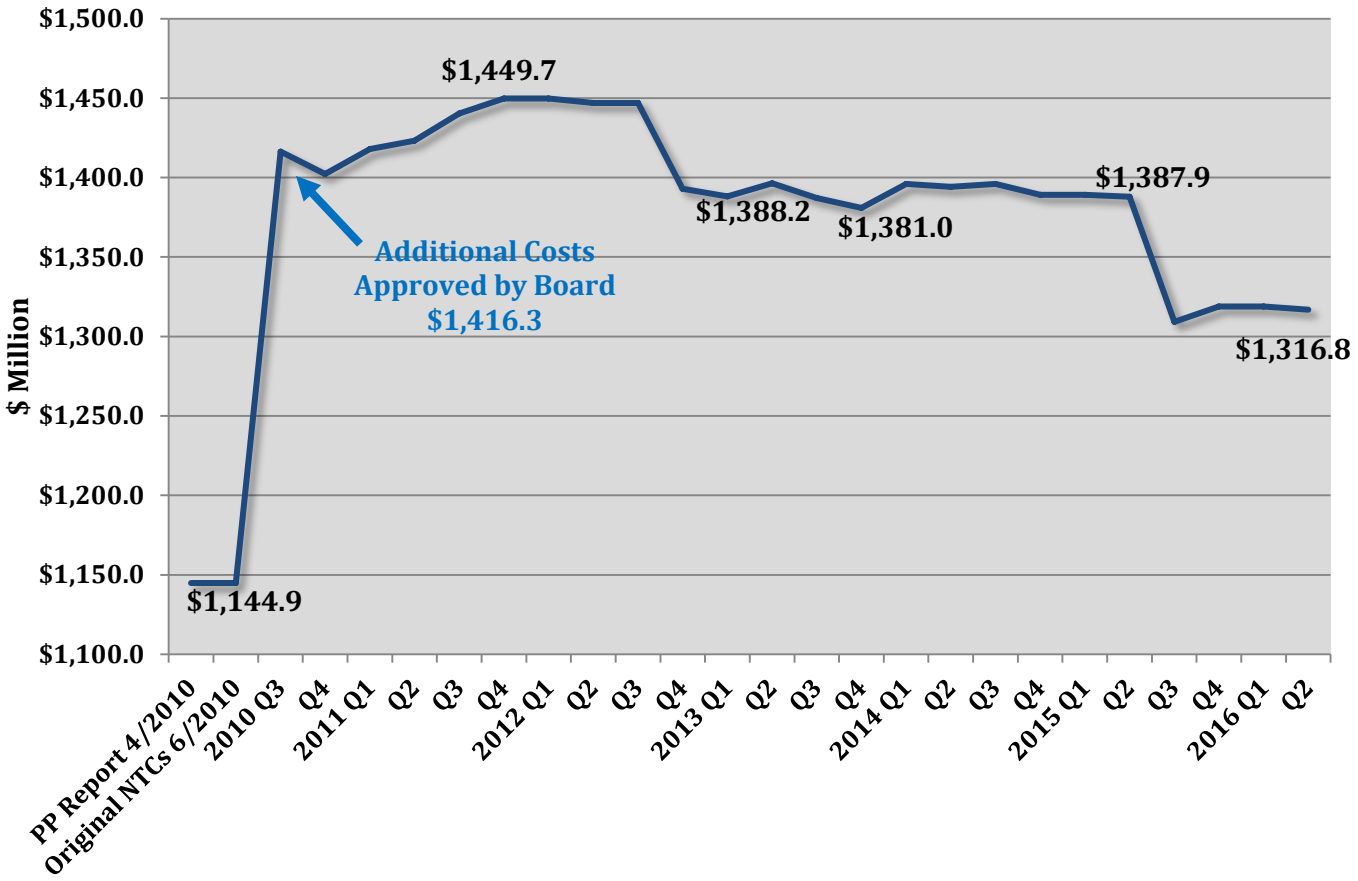

Figure 8: Priority Project Cost Estimate Trend

Project ID(s)	Project Owner(s)	Project	Est. Line Length	Board Approved Estimates (10/2010)	Q1 2016 Cost Estimates	Q2 2016 Cost Estimates	Var. %
937	AEP	Tulsa Power Station 138 kV Reactor	N/A	$842,847	$614,753	$614,753	0.0%
940/941	SPS/OGE	Hitchland – Woodward District 345 kV Dbl Ckt	128.8	$221,572,283	$229,563,977	$229,667,207	0.0%
942/943	PW/OGE	Thistle – Woodward District 345 kV Dbl Ckt	106.6	$201,940,759	$185,687,533	$185,315,142	-0.2%
945	ITCGP	Spearville – Ironwood – Clark Co. – Thistle 345 kV Dbl Ckt	122.5	$293,235,000	$318,138,968	$316,862,107	-0.4%
946	PW/WR	Thistle – Wichita 345 kV Dbl Ckt	77.5	$163,488,000	$120,525,851	$119,954,152	-0.5%
936	AEP	Valliant – NW Texarkana 345 kV	76.3	$131,451,250	$127,995,000	$127,995,000	0.0%
938/939	OPPD/TSMO	Nebraska City – Mullin Creek – Sibley 345 kV	215.0	$403,740,000	$336,433,874	$336,433,874	0.0%
		Total	**726.7**	**$1,416,270,139**	**$1,318,959,956**	**$1,316,842,235**	**-0.2%**

Table 10: Priority Projects Summary

Project ID	Project Name	Projected In-Service Date	Engineering	Siting and Routing	Environmental Studies	Permits	Material Procurement	Construction
936	Valliant – NW Texarkana 345 kV	10/1/2016	C	C	C	IP	IP	IP
938	Nebraska City – Mullin Creek – Sibley 345 kV (TSMO)	12/31/2016	C	C	C	C	IP	IP
939	Nebraska City – Mullin Creek – Sibley 345 kV (OPPD)	12/31/2016	IP	C	C	IP	IP	IP

C	Complete
IP	In Progress
NS	Not Started
N/A	Not Applicable

Table 11: Priority Projects Construction Status

2012 ITP10

In January 2012 the Board approved the first Integrated Transmission Planning 10-Year Assessment (ITP10). The projects approved as a part of the report ranged from comprehensive regional solutions to local reliability upgrades to address the expected reliability, economic, and policy needs of the studied 10- year horizon. The approved portfolio from the 2012 ITP10 is expected to add approximately 513 circuit miles of new 345 kV transmission.

All the projects from the 2012 ITP10 are currently in the planning or construction phases. The first 2012 ITP10 project expected to complete is the new Matthewson 345 kV substation and second 345 kV circuit from Matthewson to Cimarron projected to be energized in July 2016.

Figure 9 below depicts a historical view of the total estimated cost of the 2012 ITP10 projects. Table 12 provides a summary of the projects approved as part of the 2012 ITP10.

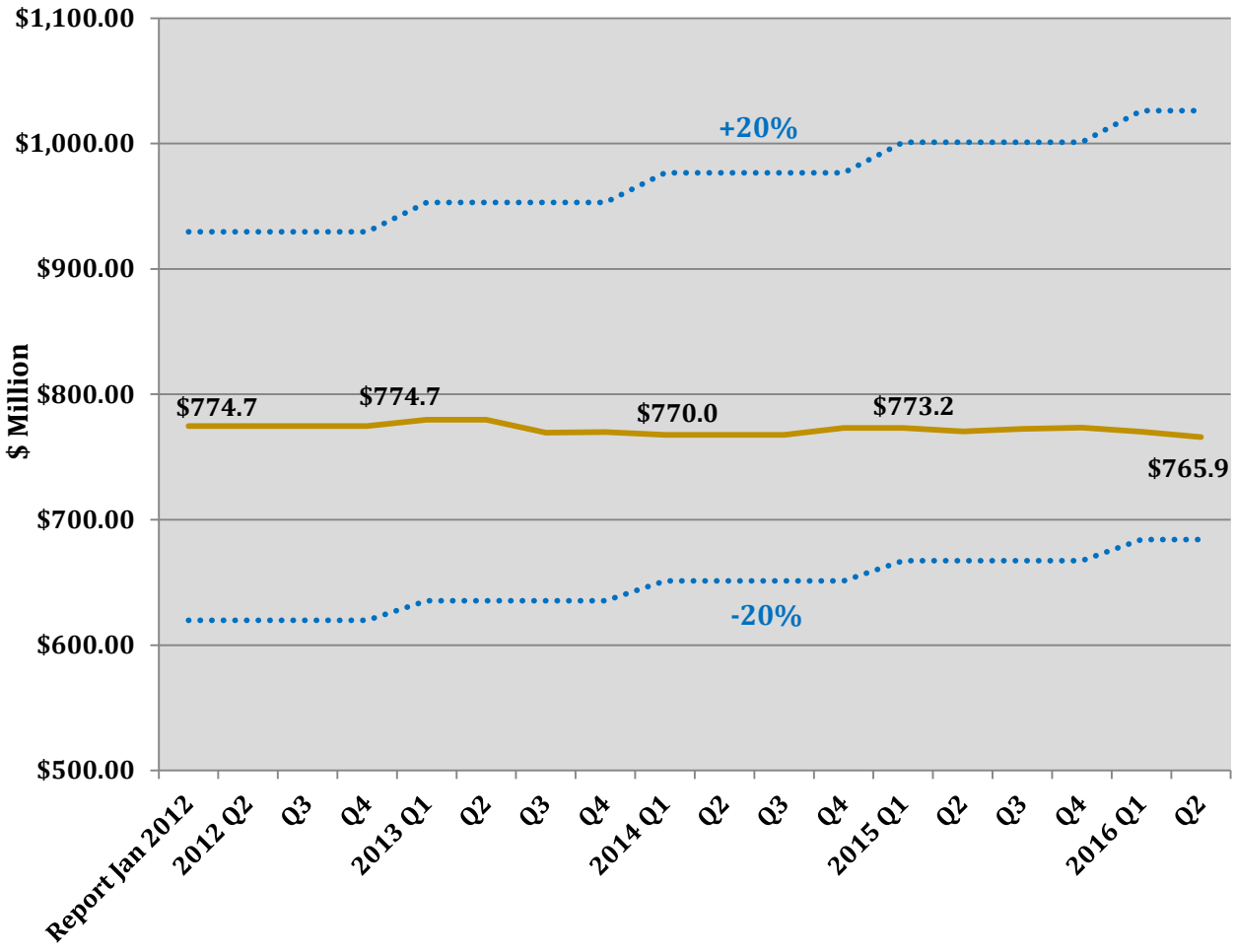

Figure 9: 2012 ITP10 Cost Estimate Trend

Project ID(s)	Project Owner(s)	Project	Est. 345 kV Line Length	Established Baseline Cost Estimates (Adj. for Inflation)	Q1 2016 Cost Estimates	Q2 2016 Cost Estimates	Var. % (Q1 vs. Q2)
30361	AEP/OGE	Chisholm - Gracemont 345 kV	101.8	$175,481,866	$162,952,357	$162,952,357	0.0%
30364	OGE	Woodward District EHV - Tatonga - Matthewson - Cimarron 345 kV Ckt 2	126.0	$191,915,155	$178,212,300	$178,212,300	0.0%
30367	ITCGP/WR	Elm Creek - Summit 345 kV	58.2	$121,741,449	$115,673,049	$111,352,588	-3.7%
30375	NPPD	Gentleman - Cherry Co. - Holt Co. 345 kV	227.0	$337,472,347	$313,376,623	$313,376,623	0.0%
		Total	**513.0**	**$826,610,817**	**$773,355,709**	**$765,893,868**	**-0.6**

Table 12: 2012 ITP10 Summary

OUT-OF-BANDWIDTH PROJECTS

In adherence to the Business Practice 7060, SPP reports projects that have updated cost values that exceed their established baseline values based upon a ±20% bandwidth. Variances are determined by total project cost.

Two projects with a cost estimate greater than $5 million were identified as having exceeded the ±20% bandwidth requirement during the reporting period.

Table 13 provides summary information and Table 14 lists the cost detail for the out-of-bandwidth projects for Q2 2016.

PID	Project Name	Owner	NTC Source Study	Upgrade Type	In-Service Date
412	Line - 64th - Eastborough 69 kV Rebuild	WR	2013 ITPNT	Regional Reliability	5/29/2015
834	Line - Portales - Zodiac 69 kV to 115 kV Conversion	SPS	2009 STEP	Regional Reliability	11/30/2015
30346	Sub - Cornville 138 kV	AEP	2012 ITPNT	Regional Reliability	12/31/2014
30472	Line - Hardy Street - Waterworks 69 kV	AEP	2013 ITPNT	Regional Reliability	6/25/2015
30473/ 30474/30475	Line - Midland REC - North Huntington 69 kV	AEP	2013 ITPNT	Regional Reliability	5/15/2015
30501	Multi - Renfrow - Medford Tap - Chikaskia 138 kV	OGE/WFEC	DPA Studies	Regional Reliability	4/1/2016
30584	Line - Montgomery - Sedan 69 kV Ckt 1	WR	2014 ITPNT	Zonal Reliability	12/1/2018
30645	Line - Harper - Rago 138 kV Ckt 1	MKEC	HPILS	High Priority	2/18/2018
30769	Line - Benteler - Port Robson 138 kV Ckt 1 and 2	AEP	HPILS	High Priority	12/11/2014

Table 13: Out-of-Bandwidth Project Summary

PID	Baseline Cost Estimate	Baseline Cost Estimate Year	Baseline Cost Estimate with Escalation	Latest Estimate or Final Cost	Variance	Variance %
412	$4,104,097	2013	$4,311,867	$5,251,837	$939,970	**21.80%**
834	$6,500,000	2014	$6,662,500	$8,231,332	$1,568,832	**23.55%**
30346	$21,664,838	2012	$22,761,620	$15,289,076	($7,472,544)	**-32.83%**
30472	$7,519,658	2013	$7,900,341	$5,366,606	($2,533,735)	**-32.07%**
30473/30474/30475	$16,627,509	2013	$17,469,277	$11,990,487	($5,478,790)	**-31.36%**
30501	$25,246,084	2015	$25,334,584	$19,626,692	($5,707,892)	**-22.53%**
30584	$43,086,308	2014	$45,267,552	$35,125,571	($10,141,981)	**-22.40%**
30645	$13,666,262	2014	$14,358,117	$11,475,555	($2,882,562)	**-20.08%**
30769	$4,797,318	2014	$4,797,318	$13,875,792	$9,078,474	**189.24%**

Table 14: Out-of-Bandwidth Project Cost Detail

RESPONSIVENESS REPORT

Table 15 and Figures 10 and 11 provide insight into the responsiveness of DTOs constructing Network Upgrades within SPP in the Quarterly Project Tracking Report for Q2 2016. **Note: Network Upgrades with statuses of "Suspended", "Re-evaluation", "Within NTC Commitment Window", "Within NTC-C Project Estimate Window", and "Within RFP Response Window" were excluded from this analysis.**

Project Owner	Number of Upgrades	Number of Upgrades Reviewed	Reviewed %	Number of ISD Changes	ISD Change %	Number of Cost Changes	Cost Change %
AEP	51	8	16%	7	14%	2	4%
BEPC	18	18	100%	0	0%	0	0%
GMO	4	0	0%	0	0%	0	0%
GRDA	8	0	0%	0	0%	1	13%
ITCGP	8	4	50%	0	0%	4	50%
KCPL	6	4	67%	4	67%	0	0%
LES	2	2	100%	0	0%	0	0%
MIDW	13	0	0%	0	0%	0	0%
MKEC	13	10	77%	3	23%	5	38%
NPPD	30	5	17%	2	7%	3	10%
OGE	47	9	19%	5	11%	2	4%
OPPD	14	14	100%	2	14%	1	7%
SPS	134	134	100%	8	6%	34	25%
TSMO	5	3	60%	3	60%	0	0%
WFEC	31	0	0%	3	10%	4	13%
WR	36	35	97%	6	17%	5	14%
Total	**425**	**249**	**59%**	**43**	**10%**	**61**	**14%**

Table 15: Responsiveness Summary by Project Owner

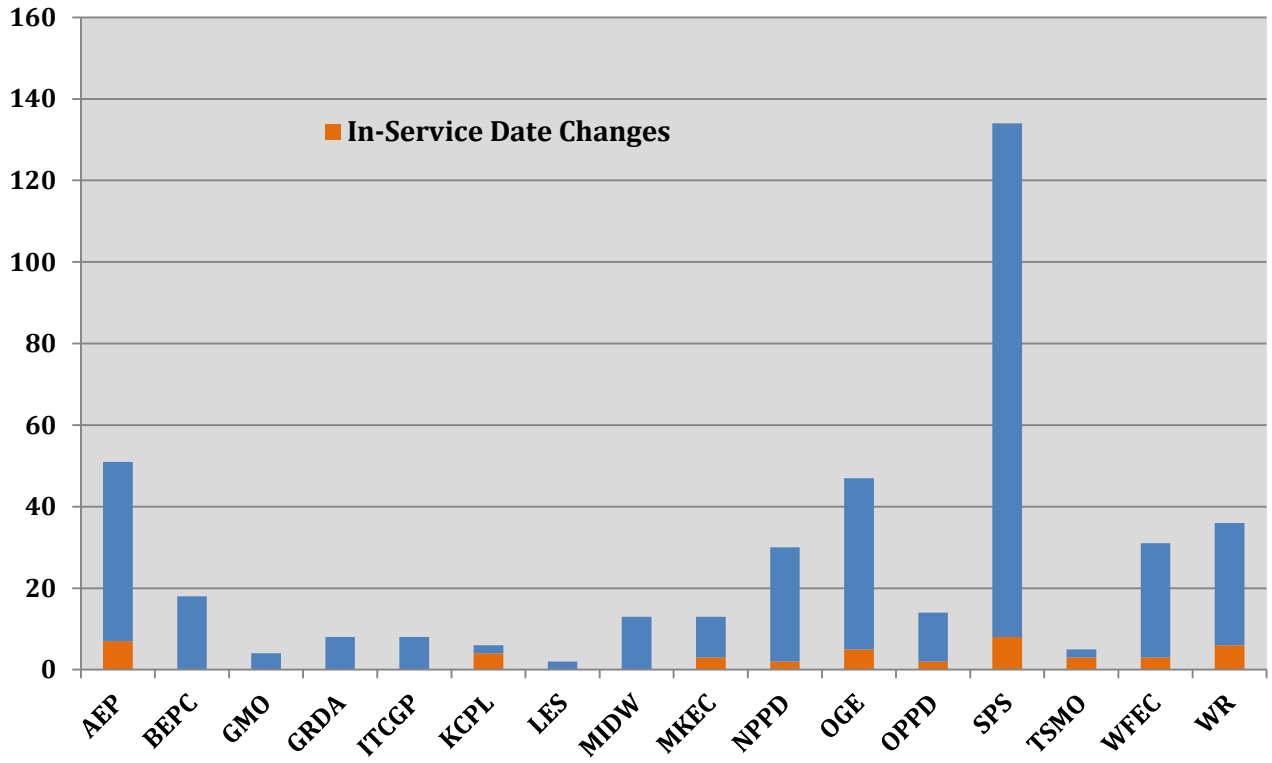

Figure 10: In-Service Date Changes by Project Owner

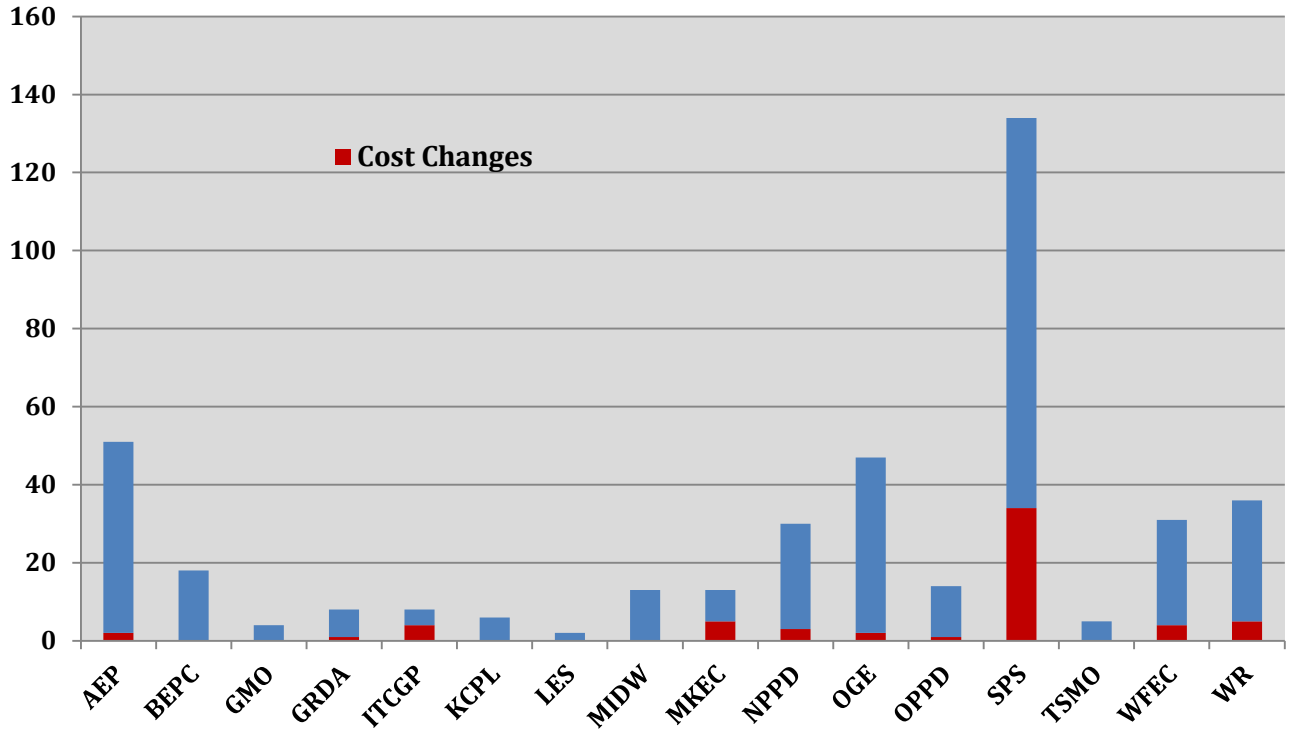

Figure 11: Cost Changes by Project Owner

APPENDIX 1

{See accompanying list of active Applicable Projects}