



Southwest Power Pool, Inc.
FIRST QUARTERLY
PROJECT TRACKING REPORT
JANUARY 2010



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I. Project Tracking, Current SPP Process:

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 Board of Directors or through a FERC filed service agreement under the SPP Open Access Transmission Tariff (OATT).

II. Project Summary:

There are 482 projects with an approximate engineering and construction (E&C) cost of \$3.2 billion currently being tracked. An aggregate study was completed this quarter that resulted in the issuance of 2 Notifications To Construct (NTC) containing 4 projects with a total estimated E&C of \$5.9 million.

4th Quarter 2009 Project Tracking Summary		
Upgrade Type	Number of Upgrades	Cost Estimate
Regional Reliability	276	\$1,236,252,902
Regional Reliability - Non OATT	12	\$70,825,000
Zonal Reliability	10	\$22,832,843
Transmission Service	76	\$450,049,223
Generation Interconnect	12	\$92,727,000
Balanced Portfolio	18	\$791,797,500
Other Sponsored Upgrades	78	\$529,308,125
TOTALS	482	\$3,193,792,593

Figure 1: 2009 4th Quarter Project Summary

* NOTE: The approved 2009 Balanced Portfolio included 7 major approved projects, which, for tracking purposes, were separated into 18 different upgrades. The cost of the Portfolio has increased based upon revisions promoting a more consistent EHV planning design and updated cost estimates from our members.

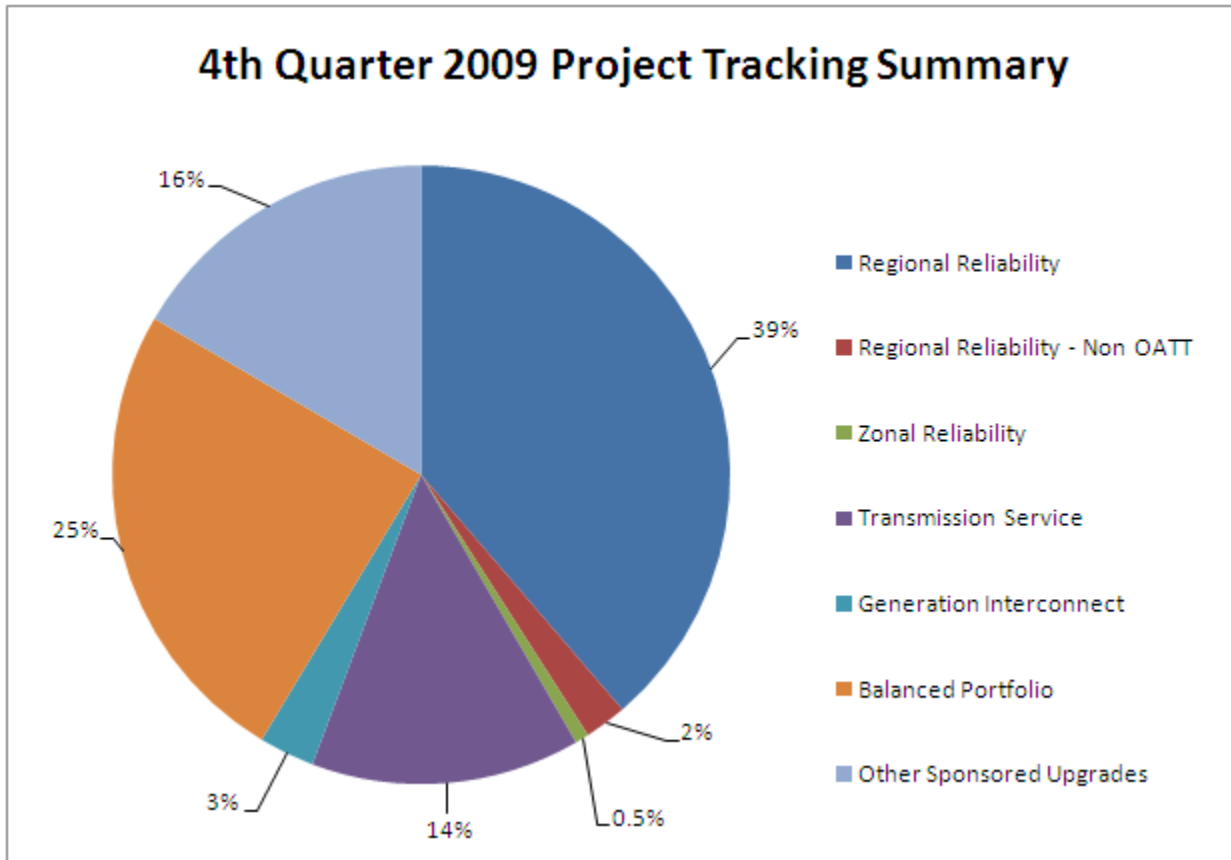


Figure 2: Breakdown of Project Categories on Cost Basis

III. Regional Reliability Project Summary:

Regional reliability projects include all tariff signatory projects identified in an SPP study to meet regional reliability criteria for which NTC letters have been issued. There are 276 regional reliability upgrades with an approximate E&C cost of \$1.2 billion.

There were 9 upgrades, with latest E&C cost estimates at \$24.6 million, completed in the 4th quarter of 2009. There are 86 upgrades, with latest E&C cost estimates at \$292.1 million, on schedule to be completed within the next 4 years. There are 32 long-term upgrades, with the latest E&C cost estimates at \$315.7 million, on schedule with a completion date greater than 4 years. Transmission Owners have provided mitigation plans for 102 upgrades with current E&C estimates of \$433.4 million.

IV. Transmission Service/Generation Interconnection (TSR/GI) Project Summary:



This category contains projects identified as needed to support new Transmission Service (TSR) and Generation Interconnection (GI) service agreements. There are 76 Transmission Service and 12 Generation Interconnection upgrades with a total E&C cost of \$542.8 million.

There was one Transmission Service upgrade completed during the 4th quarter of 2009. This project had an estimated E&C cost of \$1.2 million. There are 49 Transmission Service upgrades estimated at \$392.3 million on schedule to be completed within the next 4 years. There are 9 long-term Transmission Service upgrades estimated at \$22.6 million that are on schedule with a completion date of greater than 4 years. Mitigation plans have been provided by the Transmission Owners for 6 upgrades estimated at \$20.8 million. No Transmission Service upgrade has been delayed beyond the RTO determined need date without having an interim mitigation plan.

All Generation Interconnection upgrades are on schedule, with no change in the status from last quarter's report. The 12 upgrades are estimated to be complete within the next 4 years at an estimated cost of \$92.7 million.

4th Quarter 2009 Project Tracking Status						
Top number is number of upgrades in category						
Bottom number is estimated cost of upgrades in category						
Upgrade Type	Total	Complete	On Schedule completed within 4 years	On Schedule completed beyond 4 years	Behind Schedule - With Mitigation	Behind Schedule - Without Mitigation
Reliability	276 \$1,236,252,902	56 \$194,952,336	86 \$292,158,273	32 \$315,726,754	102 \$433,415,540	0 \$0
Transmission Service	76 \$450,049,223	12 \$14,385,200	49 \$392,307,000	9 \$22,562,775	6 \$20,794,248	0 \$0
Generation Interconnect	12 \$92,727,000	0 \$0	12 \$92,727,000	0 \$0	0 \$0	0 \$0

Figure 3: Project Status

V. Completed Projects Summary:

The Quarterly Project Tracking saw completion of 10 upgrades within Reliability, Transmission Service, and Generation Interconnect projects worth an estimated \$25.8 million. Figure 4 gives a summary of these projects completed in 2009. Previous Quarter's updated results are listed as the Transmission Owners made adjustments to final costs and status of projects completed prior to the 4th Quarter.

2009 Project Completion						
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Updates to Previous Quarters	Totals YTD
Reliability	8 \$30,658,517	34 \$115,343,767	4 \$24,266,233	9 \$24,620,132	1 \$63,687	56 \$194,952,336
Transmission Service	2 \$1,025,000	8 \$12,066,800	1 \$2,373,030	1 \$1,193,400	0 -\$2,273,030	12 \$14,385,200
Generation Interconnect	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0

Figure 4: 2009 Completed Project Summary

The two zonal reliability upgrades for Westar Energy that were delayed beyond the RTO Determined need date without SPP Staff approved mitigation plans have been completed. The 15 Mvar capacitor bank has been installed for the Seneca Cap 115kV project, and the Sunset 69kV Capacitor project has been completed. Both projects' final costs totaled \$1.8 million.

There were also 4 Zonal Sponsored projects that completed in the 4th quarter of 2009. These projects had a total estimated cost of \$8.5 million.

VI. Future Projections:

1st Quarter 2010:

For the first 3 months of 2010, 17 projects are on schedule to be completed. This includes 4 projects that are currently in Mitigation. Total Estimated Cost for these 17

projects is \$245.5 million, with Sponsored projects being the majority with 7 at \$218 million.

January through December, 2010:

The next 12 months is scheduled to have a total of 137 projects complete at an Estimated Cost of \$770.2 million, and 56 of these projects are currently in Mitigation. By far the majority of these are Regional Reliability projects with a total of 84 projects at \$296 million.

Scheduled Complete Next Quarter		Scheduled Complete Next 12 Months	
Reliability	3 \$2,780,000	Reliability	84 \$295,976,226
Reliability-Non OATT	1 \$2,200,000	Reliability-Non OATT	3 \$5,200,000
Zonal Reliability	0 \$0	Zonal Reliability	2 \$3,657,630
Transmission Service	1 \$1,594,248	Transmission Service	16 \$34,531,848
Generation Interconnect	3 \$8,177,000	Generation Interconnect	5 \$52,194,000
Balanced Portfolio	0 \$0	Balanced Portfolio	0 \$0
Sponsored	7 \$218,000,000	Sponsored	8 \$318,618,016
Zonal Sponsored	2 \$12,750,000	Zonal Sponsored	19 \$60,046,050
Total	17 \$245,501,248	Total	137 \$770,223,770

Figure 5: Projects Scheduled to Complete 2010

SPP 1st Quarter 2010 Project Tracking List - Branches and Transformers

COMPLETE	Complete.
ON SCHEDULE <4	On Schedule 4 Year Horizon.
ON SCHEDULE >4	On Schedule beyond 4 Year Horizon.
MITIGATION	Behind schedule, interim mitigation provided or project may change but time permits the implementation of project.
RE-EVALUATION	Behind schedule, require re-evaluation due to anticipated load forecast changes.
DELAY-NO MITIGATION	Delayed beyond the RTO Determined need date and no mitigation plan provided
\$ / months	Project lead time and cost estimated by SPP staff

Project types "zonal-sponsored" and "regional reliability - non OATT" do not receive NTCs and are not filed at FERC but are being tracked because they are expected to be built in the near term

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments	
20015	30143	50151	AECC	AECC	Line - MCNAB - TURK 115KV CKT 1 AECC	transmission service	04/01/12	04/01/12	01/16/09	\$165,000			ON SCHEDULE <4	Full BPF	
20015	351	10460	AECC	AECC	Line - Hope - Fulton 115 kV Recond	transmission service	04/01/12	04/01/12	01/16/09	\$1,512,000			ON SCHEDULE <4	Full BPF	
20015	351	10461	AECC	AECC	Fulton Switching Station	transmission service	04/01/12	04/01/12	01/16/09	\$440,000			ON SCHEDULE <4	Full BPF	
	283	10367	330	AECI	Multi - Blackberry - Chouteau - GRDA 1	regional reliability - non OATT	06/01/12			\$57,000,000			ON SCHEDULE <4		
	283	10368	330	AECI	Multi - Blackberry - Chouteau - GRDA 1	regional reliability - non OATT	02/01/11							ON SCHEDULE <4	
	283	10369	330	AECI	Multi - Blackberry - Chouteau - GRDA 1	regional reliability - non OATT	02/01/11							ON SCHEDULE <4	
	283	10916	330	AECI	Multi - Blackberry - Chouteau - GRDA 1	regional reliability - non OATT	02/01/11							ON SCHEDULE <4	
	283	10781	330	AECI	Multi - Blackberry - Chouteau - GRDA 1	regional reliability - non OATT	02/01/11							ON SCHEDULE <4	Chouteau 2 Sub estimated completion date is 04/01/10
	610	10782	330	AECI	Line - Camp Clark - Lamar 161 kV	regional reliability - non OATT	06/01/11							ON SCHEDULE <4	
	611	10783	330	AECI	XFR - Lamar 69/161 kV	regional reliability - non OATT	06/01/11						ON SCHEDULE <4		
19999	115	10145	520	AEP	Line - Northwest Texarkana - Alumax Tap	regional reliability	03/04/08	06/01/07	02/01/07	\$2,160,000			COMPLETE		
19957	114	10144	520	AEP	Line - Northwest Texarkana-Bann T - Bann 138kV	transmission service	03/26/08	06/01/08	01/02/07	\$25,000			COMPLETE		
19957	116	10146	520	AEP	Line - Alumax Tap - Bann	transmission service	03/26/08	06/01/09	01/02/07	\$1,180,000			COMPLETE	86% BPF	
20000	110	10137	520	AEP	XFR - Pryor Junction 138/69 kV	regional reliability	04/25/08	06/01/08	02/13/08	\$1,829,100			COMPLETE		
19997	120	10150	520	AEP	Line - Linwood to McWillie Street Rebuild	regional reliability	04/30/08	06/01/08	03/09/06	\$1,100,000			COMPLETE		
19999	109	10133	520	AEP	Multi - Fayetteville 69 kV conversion	regional reliability	05/08/08	06/01/08	02/02/07	\$21,000,000			COMPLETE		
19999	109	10134	520	AEP		regional reliability	05/08/08	06/01/08	02/02/07					COMPLETE	
19999	109	10135	520	AEP		regional reliability	05/08/08	06/01/08	02/02/07					COMPLETE	
19999	109	10136	520	AEP		regional reliability	05/08/08	06/01/08	02/02/07					COMPLETE	
19998	117	10147	520	AEP	Line - Chamber Springs - Tontitown 345 kV	regional reliability	05/15/08	06/01/07	02/14/07	\$14,405,000			COMPLETE		
20000	107	10132	520	AEP	Line - E Rogers - Avoca 161 kV	regional reliability	05/20/08	06/01/08	02/13/08	\$720,000			COMPLETE	Switchable Series Reactor	
19958	119	10149	520	AEP	Line - Cache - Snyder 138kV	transmission service	05/21/08	06/01/08	10/11/06	\$85,000			COMPLETE	Only 86.3% of costs BPF as rest covered by PTP base rate	
20000	106	10130	520	AEP	Line - Snyder - Altus Junction 138 kV	regional reliability	05/21/08	06/01/13	02/13/08	\$16,760,000			COMPLETE		
20000	227	10291	520	AEP	Line - Breaker Daingerfield - Jenkins REC 69 kV	regional reliability	12/12/08	06/01/09	02/13/08	\$250,000		12 months	COMPLETE		
20012	112	10139	520	AEP	Line - Sayre - Erick	regional reliability	02/06/09	06/01/09	07/28/08	\$10,400,000		24 months	COMPLETE		
20016	30151	50159	520	AEP	Line - LINWOOD - MCWILLIE STREET 138KV CKT 1 #2	transmission service	04/30/09	06/01/09	01/16/09	\$125,000		15 months	COMPLETE		

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
20000	217	10276	520	AEP	Line - Tap N. Huntington - Waldron 69 kV	regional reliability	11/17/09	06/01/08	02/13/08	\$776,000		15 months	COMPLETE	Change project status to complete.Mitigation Plan: North Huntington - Midland Relief Procedure
20000	218	10277	520	AEP	Line - Huntington - N Huntington 69 kV	regional reliability	11/30/09	06/01/09	02/13/08	\$20,000		9 months	COMPLETE	This project is still on schedule for completion before N. Huntington - Waldron. Change project status to complete.
20000	219	10278	520	AEP	Line - Excelsior - Excelsior Tap 161 kV	regional reliability	06/30/09	06/01/09	02/13/08	\$4,000,000		24 months	COMPLETE	Reeves Road station will be built under the existing North Huntington - Bonanza 161kV line. This project will replace the Excelsior Tap project.
19954	220	10279	520	AEP	Line - Riverside Station - Explorer Glenpool 138 kV Ckt 1	transmission service	03/23/09	06/01/09	07/21/06	\$1,000,000		24 months	COMPLETE	3.3% BPF. Remainder of RR paid by PTP base rate
20000	221	10280	520	AEP	Line - Hope - Fulton 115 kV	regional reliability	03/31/09	06/01/09	02/13/08	\$100,000		15 months	COMPLETE	
20027	222	10281	520	AEP	Line - Bonanza - Bonanza Tap 161 kV	regional reliability	12/11/09	06/01/10	01/27/09	\$594,000		15 months	ON SCHEDULE <4	
19956	224	10283	520	AEP	XFR - Southwest Shreveport Transformer Ckt 1 345/161 kV	transmission service	04/03/09	06/01/10	06/27/07	\$6,873,000		30 months	COMPLETE	
19956	224	10284	520	AEP	XFR - Southwest Shreveport Transformer Ckt 2 345/161 kV	transmission service	04/03/09	06/01/10	06/27/07		30 months	COMPLETE		
20000	225	10286	520	AEP	Line - North Magazine - Magazine REC - Danville 161 kV	regional reliability	06/17/09	06/01/09	02/13/08	\$13,705,000		24 months	COMPLETE	
20000	225	10289	520	AEP	Line - North Magazine - Magazine REC - Danville 161 kV	regional reliability	06/17/09	06/01/09	02/13/08	\$6,090,000		24 months	COMPLETE	
20000	113	10745	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/09	06/01/12	02/13/08	\$2,580,000		24 months	COMPLETE	Could not locate NTC. Perhaps SPP added UIDs to capture new branches created due to new busses added to branch that had a previous NTC ??? SPP please confirm. SPP
20000	113	10746	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/09	06/01/12	02/13/08	\$4,460,000		24 months	COMPLETE	Could not locate NTC. Perhaps SPP added UIDs to capture new branches created due to new busses added to branch that had a previous NTC ??? SPP please confirm. SPP
20000	229	10292	520	AEP	Multi - Flint Creek - E Centerton 161 kV	regional reliability	05/19/09	06/01/11	02/13/08	\$14,200,000		24 months	COMPLETE	
20000	229	10293	520	AEP	Multi - Flint Creek - E Centerton 161 kV	regional reliability	05/19/09	06/01/13	02/13/08		24 months	COMPLETE		
20000	229	10294	520	AEP	Multi - Flint Creek - E Centerton 161 kV	regional reliability	06/01/10	06/01/13	02/13/08		24 months	ON SCHEDULE <4		
20000	230	10295	520	AEP	Line - Broken Bow - Craig Junction 138 kV	regional reliability	05/08/09	06/01/08	02/13/08	\$6,602,000		18 months	COMPLETE	
20005	177	10728	520	AEP	Line - Atoka 138 kV Three Breaker Ring Bus & Relay Work at Tupelo	regional reliability	04/01/10	06/01/12	02/20/08	\$2,887,800		12 months	ON SCHEDULE <4	Add to pick up AEP breaker work
20005	177	10729	520	AEP	Line - Atoka 138 kV Three Breaker Ring Bus & Relay Work at Tupelo	regional reliability	04/01/10	06/01/12	02/20/08	\$442,800		12 months	ON SCHEDULE <4	Added to pick up AEP relay work
	695	10911	520	AEP	Line- Canadian Pump Station line tap	zonal-sponsored	03/20/09			\$1,616,000		10 months	COMPLETE	
	695	10912	520	AEP	Line- Canadian Pump Station line tap	zonal-sponsored	03/20/09				10 months	COMPLETE		
			520	AEP	Line - Bransdall Pump Station Tap	zonal-sponsored	09/28/09			\$4,450,000		15 months	COMPLETE	Change project status to complete. New Planned Project by AEP Too late to put in 2008 STEP
			520	AEP	Line - Bransdall Pump Station Tap	zonal-sponsored	09/28/09				15 months	COMPLETE	Change project status to complete.New Planned Project by AEP Too late to put in 2008 STEP	
20016	507	10652	520	AEP	Line - ARSENAL HILL - FORT HUMBBUG 138KV CKT 1	transmission service	06/01/10	06/01/10	01/16/09	\$5,428,300		18 months	ON SCHEDULE <4	Full BPF Displacement filing needed at FERC
20016	30149	50157	520	AEP	Line - DYESS - TONTITOWN 161KV CKT 1	transmission service	02/04/09	06/01/10	01/16/09	\$100,000		15 months	COMPLETE	Full BPF
20016	30147	50155	520	AEP	XFR - ARSENAL HILL (ARSHILL2) 138/69/14.5KV TRANSFORMER CKT 2	transmission service	06/01/10	06/01/10	01/16/09	\$3,005,700		18 months	ON SCHEDULE <4	Full BPF
20016	30146	50154	520	AEP	XFR - ARSENAL HILL (ARSHILL1) 138/69/12.47KV TRANSFORMER CKT 1	transmission service	06/01/10	06/01/10	01/16/09	\$3,005,700		18 months	ON SCHEDULE <4	Full BPF
20016	30145	50153	520	AEP	Line - ARSENAL HILL - WATERWORKS 69KV CKT 1	transmission service	05/19/09	06/01/10	01/16/09	\$3,898,800		18 months	COMPLETE	Full BPF
20016	30144	50152	520	AEP	Line - ARSENAL HILL - MCWILLIE STREET 138KV CKT 1	transmission service	05/06/09	06/01/10	01/16/09	\$100,000		12 months	COMPLETE	Full BPF Displacement filing needed at FERC.
20016	30153	50161	520	AEP	XFR - LONGWOOD (LONGWOOD) 345/138/13.2KV TRANSFORMER CKT 1	transmission service	06/01/10	06/01/10	01/16/09	\$200,000			ON SCHEDULE <4	
20000	113	10140	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$9,480,000		24 months	ON SCHEDULE <4	
20000	113	10786	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$11,988,400		24 months	ON SCHEDULE <4	
20000	113	11081	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/09	06/01/12	02/13/08	\$5,312,100		24 months	COMPLETE	
20000	113	10143	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	05/09/08	06/01/12	02/13/08	\$3,000,000		24 months	COMPLETE	
20000	113	10141	520	AEP	Multi - Wallace Lake - Port Robson - RedPoint 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$19,482,000		24 months	ON SCHEDULE <4	
19959	289	10375	520	AEP	Line - Clinton City Wave Trap	transmission service	06/01/10	06/01/10	10/17/06	\$135,400		9 months	ON SCHEDULE <4	

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
20016	291	10377	520	AEP	Line - Bann - Lonestar Ordinance Tap 69 kV	transmission service	01/13/09	06/01/12	01/16/09	\$25,000		6 months	COMPLETE	Completed 1/13/2009
20000	294	10380	520	AEP	Line - North Mineola - Mineola 69 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$339,000		15 months	ON SCHEDULE <4	
19953	295	10381	520	AEP	Line - Coffeyville Tap - Dearing - 138 kV	transmission service	06/01/10	06/01/10	06/26/07	\$1,008,000		24 months	ON SCHEDULE <4	Displacement need to make filing for displacement \$
20000	297	10383	520	AEP	Line - Quitman - Westwood 69 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$3,827,000		24 months	ON SCHEDULE <4	
20016	296	10382	520	AEP	Line - Dyess - Elm Springs REC 161 kV CKT 1 #2	transmission service	06/01/10	06/01/10	01/16/09	\$6,252,000		24 months	ON SCHEDULE <4	Switch replacement, not a reconductor, is needed in 2008.
20027	613	10784	520	AEP	Line - Diana-Lone Star South 138 kV	regional reliability	12/01/10	12/01/10	01/27/09	\$100,000		12 months	ON SCHEDULE <4	
20027	449	10581	520	AEP	Line - Carthage - Rock Hill 69 kV	regional reliability	04/20/09	06/01/10	01/27/09	\$50,000		9 months	COMPLETE	Completed 4/20/2009
20027	480	10617	520	AEP	Line - Snyder - Snyder 138kV	regional reliability	12/31/10	06/01/09	01/27/09	\$800,000		24 months	DELAY - MITIGATION	WFEC to supply mitigation plan
20027	292	10378	520	AEP	Line - Greggton - Lake Lamond 69 kV	regional reliability	06/01/10	06/01/11	01/27/09	\$4,047,000		24 months	ON SCHEDULE <4	
	231	10296	520	AEP	Line - Turk - SE Texarkana - 138 kV	generation interconnect	12/31/10			\$25,590,000		48 months	ON SCHEDULE <4	
	232	10297	520	AEP	Line - Turk - Sugar Hill 138 kV	generation interconnect	12/31/10			\$18,427,000		48 months	ON SCHEDULE <4	
	216	10275	520	AEP	Line - Ben Wheeler - Barton's Chapel (Rayburn) 138 kV Ckt 1	regional reliability - non OATT	12/31/10					18 months	ON SCHEDULE <4	Rayburn Country Project.
20016	108	10441	520	AEP	Line - North Market - Arsenal Hill 69 kV	regional reliability	01/30/09	06/01/10	01/16/09	\$3,210,000		24 months	COMPLETE	
20016	343	10440	520	AEP	Line - Winnsboro - Magnolia Tap 69 kV	regional reliability	06/01/10	06/01/10	01/16/09	\$250,000		15 months	ON SCHEDULE <4	
20016	345	10442	520	AEP	Line - Magnolia - Forest Hill 69 kV	regional reliability	06/01/10	06/01/10	01/16/09	\$125,000		15 months	ON SCHEDULE <4	Should be removed. Switch # 9116 at Magnolia Tap has been removed, and therefore does not need to be replaced. Summer ratings are already 73/85 MVA.
20016	346	10443	520	AEP	Line - Forest Hills - Quitman 69 kV	regional reliability	06/01/10	06/01/10	01/16/09	\$100,000		15 months	ON SCHEDULE <4	
20000	347	10444	520	AEP	Line - Woodlawn - Baldwin 69 kV	regional reliability	06/01/11	06/01/11	02/13/08	\$2,000,000		18 months	ON SCHEDULE <4	
20016	348	10445	520	AEP	Line - Dyess - Tontitown 161 kV	regional reliability	06/01/10	06/01/10	01/16/09	\$224,000		12 months	ON SCHEDULE <4	
20027	452	10586	520	AEP	XFR - Whitney 138/69 kV	regional reliability	06/01/11	06/01/11	01/27/09	\$350,000		18 months	ON SCHEDULE <4	Re-rating autotransformers. However, leave this row in because switches will need to be replaced.
20016	349	10449	520	AEP	Line - MCNAB REC - Turk 115 kV recond	transmission service	12/31/11	04/01/12	01/16/09	\$540,000		60 months	ON SCHEDULE <4	
20016	349	10450	520	AEP	Line - McNab REC - Hope	transmission service	12/31/11	04/01/12	01/16/09	\$2,170,000		60 months	ON SCHEDULE <4	
20016-1	349	10456	520	AEP	XFR - Turk 345/138 kV	transmission service	04/01/12	04/01/12	09/18/09	\$7,310,000		60 months	ON SCHEDULE <4	
	350	10459	520	AEP	Line - Bann - Red Springs REC	generation interconnect	12/31/11			\$277,000		60 months	ON SCHEDULE <4	
	349	10446	520	AEP	Line - Ashdown - Okay 115 kV	generation interconnect	06/01/11			\$7,810,000		60 months	ON SCHEDULE <4	
	349	10447	520	AEP	Line - Ashdown - Patterson 138 kV	generation interconnect	12/31/11			\$11,431,000		60 months	ON SCHEDULE <4	
	349	10448	520	AEP	Line - MCNAB REC - Turk 115 kV	generation interconnect	12/31/11			\$1,773,000		60 months	ON SCHEDULE <4	
	349	10451	520	AEP	XFR - Okay 115/69 kV	generation interconnect	12/31/11			\$3,266,000		60 months	ON SCHEDULE <4	Replacement not needed in 2009 due to re-rating, but replacement needed in 2011 due to voltage conversion associated with Turk.
	349	10452	520	AEP	Line - Okay 115 - Turk 138 kV	generation interconnect	12/31/11			\$8,170,000		60 months	ON SCHEDULE <4	
	349	10457	520	AEP	XFR - Turk 138/115 kV #1	generation interconnect	12/31/11			\$7,806,000		48 months	ON SCHEDULE <4	
20016	30157	50165	520	AEP	Line - SOUTH TEXARKANA REC - TEXARKANA PLANT 69KV CKT 1	transmission service	04/01/12	04/01/12	01/16/09	\$8,193,000		24 months	ON SCHEDULE <4	Full BPF
20016	30156	50164	520	AEP	Line - SE TEXARKANA - TEXARKANA PLANT 69KV CKT 1	transmission service	04/01/12	04/01/12	01/16/09	\$128,000		9 months	ON SCHEDULE <4	Full BPF
20016	30155	50163	520	AEP	Line - OKAY - TOLLETTE 69KV CKT 1	transmission service	04/01/12	04/01/12	01/16/09	\$80,000		12 months	ON SCHEDULE <4	Full BPF

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20048	30148	50156	520	AEP	Line - BANN - LONESTAR ORDINANCE TAP 69KV CKT 1 #2	transmission service	06/01/12	06/01/12	09/18/09	\$273,400		24 months	ON SCHEDULE <4	Full BPF. Switch replacement only, per SPP/AEP rebuild of the 4.14 miles of 397 ACSR with 795 ACSR is not required. SPP to provide revised NTC
20016	30154	50162	520	AEP	Line - MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 # 2	transmission service	06/01/09	06/01/12	01/16/09	\$100,000		12 months	COMPLETE	Full BPF. Completed 6/1/2009
20016	30152	50160	520	AEP	Line - LINWOOD - POWELL STREET 138KV CKT 1	transmission service	06/01/12	06/01/12	01/16/09	\$456,000		15 months	ON SCHEDULE <4	Full BPF
20016	30142	50148	520	AEP	Line - Turk - NW Texarkana 345 kV	transmission service	04/01/12	04/01/12	01/16/09	\$48,580,000		33 months	ON SCHEDULE <4	Change PID and UID (old PID 349 and old UID 10453)
20016	30142	50149	520	AEP	Line - Turk - NW Texarkana 345 kV	transmission service	04/01/12	04/01/12	01/16/09			33 months	ON SCHEDULE <4	Change PID and UID (old PID 349 and old UID 10453)
20016	30142	50150	520	AEP	Line - Turk - NW Texarkana 345 kV	transmission service	04/01/12	04/01/12	01/16/09			33 months	ON SCHEDULE <4	Change PID and UID (old PID 349 and old UID 10453)
20016	288	10374	520	AEP	Line - Valliant Substation - Install 345 kV terminal equipment	transmission service	04/01/12	04/01/12	01/16/09	\$3,840,000		24 months	ON SCHEDULE <4	Notification received from the SPP concurring with the new in-service date due to the delay of the Turk plant. 73% BPF
20027	392	10510	520	AEP	Line - Howell - Kilgore 69 kV	regional reliability	06/01/12	06/01/09	01/27/09	\$3,986,000		18 months	DELAY - MITIGATION	69 kV overloads, open Sabine-Service Pipeline Tap with breaker 1P90 at Sabine.
20000	387	10505	520	AEP	Line - Riverside - Okmulgee 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$125,000		15 months	ON SCHEDULE <4	
20000	388	10506	520	AEP	Line - New Boston - North New Boston 69 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$100,000		15 months	ON SCHEDULE <4	
20000	389	10507	520	AEP	Line - SE Texarkana - Texarkana 69 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$122,000		15 months	ON SCHEDULE <4	
20000	391	10509	520	AEP	Line - Lone Star South - Pittsburg 138kV	regional reliability	06/01/12	06/01/12	02/13/08	\$300,000		15 months	ON SCHEDULE <4	
20027	443	10575	520	AEP	Line - Osborne - Osborne Tap	regional reliability	06/01/13	06/01/13	01/27/09	\$2,000,000		24 months	ON SCHEDULE >4	
20027	641	10842	520	AEP	Line -Forest Hills-Quitman 69 kV Switches	regional reliability	06/01/10	06/01/13	01/27/09	\$150,000		15 months	ON SCHEDULE <4	
20027	477	10614	520	AEP	Line - Baldwin - Karnack Tap	regional reliability	06/01/13	06/01/13	01/27/09	\$6,900,000		24 months	ON SCHEDULE >4	
20000	450	10584	520	AEP	Multi - Flint Creek - Centerton 345 kV and Centerton - East Centerton 161 kV	regional reliability	06/01/14	06/01/14	02/13/08	\$13,104,000		48 months	ON SCHEDULE >4	
20000	450	10585	520	AEP	Line - Flint Creek to Shipe Road 345 kV	regional reliability	06/01/14	06/01/14	02/13/08	\$34,085,000		60 months	ON SCHEDULE >4	
20000	450	10582	520	AEP	Line - Shipe Road - East Centerton 161 kV	regional reliability	06/01/14	06/01/14	02/13/08	\$11,962,000		60 months	ON SCHEDULE >4	Replaces Decatur-Centerton 345 kV project. Reconductoring Flint Creek-East Centerton 161 kV by 2010 defers the need for this 345 kV project until 2014.
20027	649	10853	520	AEP	Line - Lone Star-Locus Grove 115 kV	regional reliability	06/01/14	06/01/14	01/27/09	\$2,150,000		24 months	ON SCHEDULE >4	
20000	511	10656	520	AEP	Multi - Centerton - Osage Creek 345 kV	regional reliability	06/01/16	06/01/16	02/13/08	\$11,000,000		60 months	ON SCHEDULE >4	
20000	511	10659	520	AEP	Multi - Centerton - Osage Creek 345 kV	regional reliability	06/01/16	06/01/16	02/13/08	\$24,500,000		60 months	ON SCHEDULE >4	
20000	511	10660	520	AEP	Multi - Centerton - Osage Creek 345 kV	regional reliability	06/01/16	06/01/16	02/13/08	\$65,500,000		60 months	ON SCHEDULE >4	
20048	446	10578	520	AEP	Line - Coffeyville Tap - North Bartlesville 138 kV	transmission service	06/01/11	06/01/11	09/18/09	\$13,100,000		24 months	ON SCHEDULE <4	
20048	454	10588	520	AEP	Line - Bartsville Southeast - North Bartlesville 138 kV	transmission service	06/01/11	06/01/11	09/18/09	\$8,400,000		24 months	ON SCHEDULE <4	
20064	770	11015		AEP	Line - Ashdown - Craig 138 kV Rebuild	regional reliability	06/01/13	6/1/2013	11/2/2009	2,500,000		12 months	ON SCHEDULE <4	Replaced by Canadian River Tap project. Reduces loading on the line by 1%.
20011	212	10271	546	CUS	Line - Norton - Neergard 69 kV	regional reliability	06/01/10	06/01/08	02/13/08	\$1,485,000		24 months	DELAY - MITIGATION	SPRM will mitigate overload by transferring load prior to reconductor completion in 2010.
	339	10436	546	CUS	XFR - SWPS Bus - SWPS #2 161 kV	zonal-sponsored	10/01/10			\$3,200,000		24 months	ON SCHEDULE <4	Related to SW2 being added to the models; This will go to the review committee
	424	10552	546	CUS	Line - Southwest - Brookline 161 kV	zonal-sponsored	06/01/09			\$450,000	\$444,977	24 months	COMPLETE	
	425	10553	546	CUS	Line - Southwest - Southwest Disposal 161 kV	zonal-sponsored	06/01/09			\$175,000	\$170,890	24 months	COMPLETE	
	426	10554	546	CUS	Line - Southwest Disposal - Battlefield 161 kV	zonal-sponsored	06/01/09			\$675,000	\$594,254	24 months	COMPLETE	
20011	441	10572	546	CUS	Line - Kickapoo - Sunset 69 kV	regional reliability	06/01/12	06/01/13	02/13/08	\$805,000		24 months	ON SCHEDULE <4	Upgrade requirements being re-evaluated in the 2009 STEP with the Twin Oaks 69 kV 30 MVAR cap bank installed in 2014.
20057	539	10687	546	CUS	Line - Brookline - Junction 161 kV	transmission service	05/15/10	06/01/13	09/18/09	\$120,000		12 months	ON SCHEDULE >4	
	287	10373	DETEC	DETEC	Line - Etoile - Chireno	zonal-sponsored	06/01/11			\$11,299,000			ON SCHEDULE <4	
	636	10834	DETEC	DETEC	Line-Chireno-Martinsville 138 kV	zonal-sponsored	06/01/12			\$7,617,000			ON SCHEDULE <4	
20010	207	10263	544	EDE	Line - Sub 145 - Joplin West 7th - Sub 341 - Joplin NorthWest 69 kV	regional reliability	06/01/08	06/01/08	02/13/08	\$780,000		12 months	COMPLETE	
19992	208	10264	544	EDE	Line - SUB 167 - RIVERTON - SUB 406 - RIVERTON SOUTH 1	regional reliability	06/01/08	06/01/08	02/02/07	\$20,000		6 months	COMPLETE	

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20036	440	10571	544	EDE	Line - Diamond Jct - Sarcoxie SW 69 kV	regional reliability	01/00/00	06/01/09	01/27/09	\$2,274,000		18 months	DELAY - MITIGATION	Line segment uprated (New Summer Rate A/B: 32/41 MVA) due to special case study on limiting element in question. New need date identified as Summer 2013.
19992	209	10265	544	EDE	Multi - Riverdale - Ozarks 161 kV Ckt 1	regional reliability	12/01/09	06/01/10	02/02/07	\$14,057,000		30 months	ON SCHEDULE <4	
19992	209	10266	EDE	regional reliability		12/01/09	06/01/10	02/02/07	ON SCHEDULE <4					
19992	209	10267	EDE	regional reliability		12/01/09	06/01/10	02/02/07	ON SCHEDULE <4					
19992	209	10268	EDE	regional reliability		12/01/09	06/01/10	02/02/07	ON SCHEDULE <4					
20010	282	10366	544	EDE	Line - Sub 389-Joplin Southwest - Sub 422-Joplin 24th & Connecticut 161 kV	regional reliability	06/01/09	06/01/09	02/13/08	\$5,000		6 months	COMPLETE	
20049	382	10495	544	EDE	Line - Baxter Spring West - Hockerville 69 kV	regional reliability	06/01/10	06/01/10	09/18/09	\$50,000		6 months	ON SCHEDULE <4	Previously NTC 20010
	421	10547	544	EDE	Line - Sub 124 - Aurora H.T. - Sub 152 - Monett H.T. 69 kV	regional reliability	06/01/10	06/01/09	01/27/09	\$5,000		6 months	DELAY - MITIGATION	CT ratio corrected in model. Correct Rate A/B: 54/65 (Summer), 72/72 (Winter). Project no longer needed.
19969	338	10435	544	EDE	Line - SUB 184 - NEOSHO SOUTH JCT. - Neosho (SWPA) 161 kV	transmission service	06/01/10	06/01/10	09/22/06	\$1,215,000		12 months	ON SCHEDULE <4	Prior to BPF tariff
19970	352	10730	544	EDE	Line - Oronogo Junction - Riverton 161 kV Recond	transmission service	06/01/11	06/01/11	01/10/08	\$5,750,000		36 months	ON SCHEDULE <4	95.1% of costs BPF. 36 month lead time adequate.
19970	499	10644	544	EDE	XFR - Oronogo - 161/69 kV	transmission service	06/01/11	06/01/11	01/10/08	\$4,000,000		36 months	ON SCHEDULE <4	
20036	638	10839	544	EDE	Line - Sub 170 Nichols - Sub 80 Sedalia 69 kV	regional reliability	06/01/12	06/01/12	01/27/09	\$3,520,000		18 months	ON SCHEDULE <4	
20036	420	10546	544	EDE	Line - Jamesville - Sub 415-Blackhawk Jct. 69 kV	regional reliability	06/01/12	06/01/17	01/27/09	\$50,000		6 months	ON SCHEDULE <4	
	496	10641	544	EDE	Line - SUB 64 - JOPLIN 10TH ST. - SUB 145 - JOPLIN WEST 7TH 1	regional reliability	06/01/10	06/01/10	09/18/09	\$55,000		6 months	ON SCHEDULE <4	
20036	202	10258	544	EDE	Line - Sub 436 - Webb City Cardinal - Sub 110 - Oronogo Jct. 1 69 kV	regional reliability	01/00/00	06/01/14	01/27/09	\$400,000		12 months	ON SCHEDULE >4	
20036	537	10685	544	EDE	Line - Sub 383 - Monett 161 kV - Monett 5 161 kV	regional reliability	06/01/15	06/01/15	01/27/09	\$7,369,319		48 months	ON SCHEDULE >4	
20036	537	10686	544	EDE	XFR - Monett 5 161 kV - Monett City South 69 kV	regional reliability	06/01/15	06/01/15	01/27/09	\$8,000,000		36 months	ON SCHEDULE >4	
20036	203	10259	544	EDE	Line - Sub 109 - Atlas Jct. - Sub 108 - Carthage Northwest 1 69 kV	regional reliability	01/00/00	06/01/18	01/27/09	\$1,277,935		18 months	ON SCHEDULE >4	
20049	496	10641	544	EDE	Line - SUB 64 - JOPLIN 10TH ST. - SUB 145 - JOPLIN WEST 7TH 1	regional reliability	06/01/10	06/01/10	09/18/09	\$55,000		12 months	ON SCHEDULE <4	
	284	10370	351	EES	Line - Grandview - Osage	regional reliability - non OATT	06/01/11	06/01/09		\$6,000,000		36 months	DELAY - MITIGATION	Preliminary design has begun.
20034	650	10854	540	GMO	Multi - South Harper 161 kV cut-in to Stilwell-Archie Junction 161 kV line	regional reliability	06/01/11	06/01/09	01/27/09	\$3,500,000		18 months	DELAY - MITIGATION	mitigation plan is to reduce South Harper generation to eliminate contingent overloads on schedule
20034	601	10768	540	GMO	Multi - Grandview East - Sampson - Longview 161kV lines	regional reliability	06/01/10	06/01/09	01/27/09	\$50,000		6 months	DELAY - MITIGATION	Grandview East wavetraps upgrades completed; mitigation plan is to increase Greenwood generation to eliminate contingent overloads on schedule
20034	602	10771	540	GMO	Line - Glenare - Liberty 69 kV	regional reliability	01/31/10	06/01/09	01/27/09	\$80,000		6 months	DELAY - MITIGATION	Only mitigation to eliminate criteria violation is to shed load. Plan to complete the project by the required in-service-date. No mitigation plan is needed by then.
	195	10249	540	GMO	Line - Pope Lane to Smithville 161kV	zonal-sponsored	01/01/09			\$4,550,000		12-18 months	COMPLETE	Complete; costs not finalized
	275	10359	540	GMO	Multi - 161kV Tap of Platte City to Stranger Creek	generation interconnect	02/28/10			\$7,127,000		12-18 months	ON SCHEDULE <4	Project under construction; new completion schedule
	275	10360	540	GMO	Multi - 161kV Tap of Platte City to Stranger Creek	generation interconnect	02/28/10				12-18 months	ON SCHEDULE <4	Project under construction; new completion schedule	
20034	627	10815	540	GMO	Line - Alabama - Lake Road 161 kV	regional reliability	06/01/09	06/01/10	01/27/09	\$20,000		3 months	COMPLETE	
20034	628	10816	540	GMO	Line - Platte City - Smithville 161 kV	regional reliability	12/01/10	12/01/10	01/27/09	\$50,000		6 months	ON SCHEDULE <4	
	331	10428	540	GMO	Line - Clinton MIPU - Clinton AECI 161 kV	zonal-sponsored	06/01/11			\$2,418,750		6-12 months	ON SCHEDULE <4	
	332	10429	540	GMO	XFR - Sibley 161/69kV	zonal-sponsored	07/01/10			\$2,200,000		18 months	ON SCHEDULE <4	under construction
	192	10246	540	GMO	Line - Iatan - Platte City 161 kV Ckt 1	generation interconnect	02/28/10			\$1,050,000		6 months	ON SCHEDULE <4	
20034	634	10830	540	GMO	Multi - Loma Vista - Montrose 161 kV - Tap into K.C. South	regional reliability	11/01/11	06/01/09	01/27/09	\$2,369,625		18 months	DELAY - MITIGATION	project is an alternative to replace the reconductor projects of the Duncan Rd - Blue Spring East and Martin City-Grandview East 161 kV lines. Mitigation plan is to increase Greenwood and Dogwood generation, and/or to reduce South Harper generation as needed to eliminate contingent overloads.
20034	635	10832	540	GMO	Multi - Edmond Substation	regional reliability	07/01/10	04/01/09	01/27/09	\$5,405,930		12-18 months	DELAY - MITIGATION	mitigation plan is to increase Lake Road generation to eliminate Lake Road 161/34.5 kV transformer overloads under emergency
20034	646	10847	540	GMO	XFR - Clinton 161/69 kV	regional reliability	06/01/13	06/01/13	01/27/09	\$2,000,000		12-18 months	ON SCHEDULE >4	

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20053	30222	50226	540	GMO	Line - Freeman - South Harper 69 kV	regional reliability	06/01/10	06/01/10	09/18/09	\$20,000		6 months	ON SCHEDULE <4	
20001	121	10151	523	GRDA	Line - 412 Sub - Kansas Tap 161 kV	regional reliability	03/11/08	06/01/10	02/13/08	\$2,971,180	\$3,519,002		COMPLETE	
20028	233	10298	523	GRDA	XFR - Claremore 161/69 kV autos 1 and 2	regional reliability	11/16/09	06/01/09	01/27/09	\$7,200,000		24 months	COMPLETE	In Service, 11/16/09
20021	299	10385	523	GRDA	Multi-Kansas Tap - Siloam City 161KV	regional reliability	06/01/12	06/01/12	01/16/09	\$4,212,500		24 months	ON SCHEDULE <4	
20021	299	10386	523	GRDA	Multi-Kansas Tap - Siloam City 161KV	regional reliability	06/01/12	06/01/12	01/16/09	\$1,700,000		24 months	ON SCHEDULE <4	
20001	300	10387	523	GRDA	Line - Kerr - 412 Sub 161 kV Rebuild	regional reliability	04/01/09	06/01/10	02/13/08	\$950,000	\$567,063	24 months	COMPLETE	In Service, 4/1/09
20001	301	10388	523	GRDA	XFR - Sallisaw 161/69 kV Auto #2	regional reliability	06/01/10	06/01/08	02/13/08	\$3,000,000		24 months	DELAY - MITIGATION	In Service date scheduled, 6/1/10
	302	10389	523	GRDA	Line - Siloam Springs Tap - Siloam City	zonal-sponsored	06/01/10			\$3,210,200		24 months	ON SCHEDULE <4	
20001	393	10511	523	GRDA	XFR - Afton 161/69 kV #2 Addition	regional reliability	06/01/11	06/01/12	02/13/08	\$2,500,000		24 months	ON SCHEDULE <4	
	302	10390	523	GRDA	XFR - Siloam Springs Tap 345/161kV	zonal-sponsored	12/01/11			\$8,019,000		24 months	ON SCHEDULE <4	
20040	698	10927	523	GRDA	Line - Sooner - Cleveland 345 kV	Balanced Portfolio	12/31/12		06/19/09	\$1,806,000			ON SCHEDULE <4	GRDA will complete substation upgrades at Cleveland. OGE will build the entire 345 kV line from Sooner to dead end at Cleveland substation.
20050	394	10512	523	GRDA	Line - Pensacola - Kerr 115 kV	regional reliability	06/01/11	06/01/11	09/18/09	\$10,450,000		24 months	ON SCHEDULE <4	Construction during spring, 2010
	639	10840	545	INDN	Line - Blue Valley Plant - Sub M 161 kV	regional reliability - non OATT	06/01/12	10/01/09		\$2,625,000		24 months	DELAY - MITIGATION	
20009	197	10252	541	KCPPL	XFR - West Gardner 345/161 kV	regional reliability	06/01/08	06/01/08	02/13/08	\$5,000,000	\$4,574,216	6 months	COMPLETE	
20009	198	10253	541	KCPPL	Line - Antioch - Oxford 161 kV	regional reliability	12/31/08	06/01/08	02/13/08	\$2,500,000			COMPLETE	Project complete; costs not finalized
19967	280	10364	541	KCPPL	Line - College - Craig 161 kV	transmission service	11/01/09	06/01/11	05/31/07	\$1,193,400		24 months	COMPLETE	project completed and in service
	199	10254	541	KCPPL	Multi - Lackman Sub	zonal-sponsored	05/29/09			\$138,200		6 months	COMPLETE	Complete; costs not finalized
	199	10255	541	KCPPL	Multi - Lackman Sub	zonal-sponsored	05/29/09						COMPLETE	Complete; costs not finalized
	200	10256	541	KCPPL	Line - Terrace - Westside 161 kV	zonal-sponsored	09/30/10			\$4,352,600		10 months	ON SCHEDULE <4	Project delayed by easement issues; estimate 4th quarter 2010 completion
	201	10257	541	KCPPL	Line - Crosstown - Midtown 161 kV	zonal-sponsored	03/30/10			\$4,750,000			ON SCHEDULE <4	Project delayed by easement issues; estimate 1st quarter 2010 completion easement issues resolved
	279	10363	541	KCPPL	Line - Craig - Lenexa 161 kV	zonal-sponsored	06/01/10			\$192,000		6 months	ON SCHEDULE <4	
	626	10814	541	KCPPL	Multi - Iatan 345/161 kV Sub	zonal-sponsored	02/28/10			\$8,000,000		24 months	ON SCHEDULE <4	Project under construction, 86% complete
	377	10490	541	KCPPL	Line - Paola - Middle Creek 161 kV	zonal-sponsored	06/01/12			\$2,622,850		18 months	ON SCHEDULE <4	
	378	10491	541	KCPPL	Line - North Louisburg - Middle Creek 161 kV	zonal-sponsored	06/01/12			\$12,179,000		24 months	ON SCHEDULE <4	TO Zonal/local upgrade. Not for SPP reliability.
20009	379	10492	541	KCPPL	Line - Hillsdale - Cedar Niles 161 kV	zonal reliability	06/01/15	06/01/13	02/13/08	\$5,418,700		24 months	ON SCHEDULE >4	Delayed 2 year; mitigation not needed.
20009	417	10543	541	KCPPL	Line - Avondale - Gladstone 161 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$13,000		6 months	ON SCHEDULE <4	
20042	702	10934	541	KCPPL	Tap - Swissvale - Stilwell	Balanced Portfolio	06/01/12		06/19/09	\$2,000,000			ON SCHEDULE <4	
20042	703	10935	541	KCPPL	Line - Iatan - Nashua 345 kV	Balanced Portfolio	06/01/15		06/19/09	\$54,444,000			ON SCHEDULE >4	
20042	703	10945	541	KCPPL	XFR - Nashua 345/161 kV	Balanced Portfolio	06/01/15		06/19/09	\$4,620,000			ON SCHEDULE >4	
20051	30218	50222	541	KCPPL	Line - Redel - Stilwell 161 kV	transmission service	06/01/11	06/01/11	09/18/09	\$2,200,000		24 months	ON SCHEDULE <4	budgeted
20032	697	10914	531	MIDW	Multi: Hutchinson Energy Center - Huntsville - St. John 115 kV Rebuild	regional reliability	01/00/00	06/01/15	01/27/09	\$6,250,000		36 months	ON SCHEDULE >4	We have only received an NTC for a portion of this overall project. Should it be split up? Other portions of the project are tracked separately.
20046	707	10940	531	MIDW	Line - Spearville - Wolf 345 kV	Balanced Portfolio	06/01/13		06/19/09	\$42,000,000			ON SCHEDULE >4	Assigned to ITC.
20046	707	10943	531	MIDW	Line - Wolf - Axtell 345 kV	Balanced Portfolio	06/01/13		06/19/09	\$66,000,000			ON SCHEDULE >4	Assigned to ITC.
20046	707	10941	531	MIDW	XFR - Wolf 345/230 kV	Balanced Portfolio	06/01/12		06/19/09	\$3,000,000			ON SCHEDULE <4	Assigned to ITC.
20052	30219	50223	531	MIDW	Line - Ellinwood - Rice County 34.5 kV	transmission service	06/01/10	06/01/10	09/18/09	\$1,812,500			ON SCHEDULE <4	Modified to N Ellinwood substation per NTC
	605	10774	640	NPPD	Multi - North Platt 230/115 kV Transformers	regional reliability	04/01/07	06/01/09		\$5,000,000			COMPLETE	Complete - In-Service
	605	10775	640	NPPD	Multi - North Platt 230/115 kV Transformers	regional reliability	06/01/10	06/01/09					DELAY - MITIGATION	generation is reduced while generation at N.Platte, Jeffrey, Johnson and Canaday is increased.

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	606	10776	640	NPPD	Multi - ETR Project	regional reliability	06/01/08	06/01/10		\$170,330,000			COMPLETE	Conversion of Hoskins - Shell Creek 230 kV to 345 kV is complete. Shell Creek - Columbus East 345 kV line and Columbus East 345/115 kV Transformer is complete.	
	606	10777	640	NPPD	Multi - ETR Project	regional reliability	04/01/10	06/01/10						ON SCHEDULE <4	Columbus East - NW 68th & Holdrege 345 kV line and substation work is on schedule.
	603	10772	640	NPPD	Line - NPPD / WERE - Steele City - Kansas Border 115 kV	regional reliability	10/01/10	06/01/09		\$3,000,000		48 months	DELAY - MITIGATION	Coordinated with WERE on Knob Hill - State Line	
	604	10773	640	NPPD	Grand Island 345/230 kV Transformer	regional reliability	07/01/09	07/01/09		\$6,950,971			COMPLETE	Complete - In-Service	
	607	10778	640	NPPD	Bloomfield Wind Generation Interconnection, Delivery & Facilities	regional reliability	03/01/09	03/01/09		\$5,500,000			COMPLETE	Complete - In-Service	
	629	10817	640	NPPD	Twin Church / South Sioux City Area	regional reliability	06/01/12	06/01/12		\$33,000,000			ON SCHEDULE <4	Delayed due to customer load delay, cost increase due to line routing issues. JH - Need date changed to come in line with previous Nebraska planning.	
	630	10818	640	NPPD	Upgrade Jeffrey - Gothenburg 115kV line	regional reliability	06/01/09	06/01/10		\$800,000			COMPLETE	Complete - In-Service	
20047	708	10942	640	NPPD	Line - Knoll - Axtell	Balanced Portfolio	06/01/13		06/19/09	\$76,000,000			ON SCHEDULE >4		
20002	131	10165	524	OGE	Line - Canadian - Cedar Lane 138 kV	regional reliability	06/01/08	06/01/08	02/13/08	\$12,637	\$31,127		COMPLETE		
20002	124	10157	524	OGE	Line - Fort Smith - Colony 161 kV	regional reliability	11/01/08	06/01/09	02/13/08	\$133,000	\$86,875		COMPLETE	Replace 1200A terminal Equipment at Ft. Smith & Colony	
19995-1	127	10160	524	OGE	Line - Westmoore - Pennsylvania 138 kV	zonal reliability	12/30/08	10/01/07	03/07/07	\$250,000	\$170,751		COMPLETE		
19996	52	10070	524	OGE	Line - Stillwater - McElroy 138 kV	regional reliability	02/27/09	05/31/08	02/01/07	\$1,758,527	\$2,067,530	18 months	COMPLETE		
20029	583	10749	524	OGE	Multi VBI-Adabell 161 kV	regional reliability	03/31/12	06/01/12	01/27/09	\$4,972,000		12 months	ON SCHEDULE <4		
19960	234	10299	524	OGE	Line - Explorer Glenpool - Beeline 138 kV Ckt 1	transmission service	06/01/09	06/01/09	07/21/06	\$200,000	\$310,000		COMPLETE	3.3% BPF. Remainder of RR paid by PTP base rate	
20002	236	10301	524	OGE	Line - Alva - Knobhill 69 kV	regional reliability	06/01/09	06/01/09	02/13/08	\$35,000	\$26,000	6 months	COMPLETE		
19960	237	10302	524	OGE	Line - Explorer Glenpool - Riverside Station 138 kV Ckt 1	transmission service	06/01/09	06/01/09	07/21/06	\$400,000	\$660,000		COMPLETE	3.3% BPF. Remainder of RR paid by PTP base rate	
20029	584	10751	524	OGE	Line-Cleo Corner-Cleo Jct 69 kV	regional reliability	12/01/09	12/01/09	01/27/09	\$17,054		6 months	COMPLETE	Project may not be required due to change in modeled load.	
	126	10159	524	OGE	Line - Maud - Seminole 138kV	zonal-sponsored	05/01/09			\$326,346	\$240,000		COMPLETE	An SPP Flowgate.	
	67	10085	524	OGE	Line - Igo - Razorback 69 kV	zonal-sponsored	06/25/09			\$5,939,246	\$8,096,000		COMPLETE	Complete. All charges have not yet been credited to project.	
	123	10153	524	OGE	Multi - Earlywine	zonal-sponsored	06/01/09			\$12,900,000	\$9,500,000		COMPLETE		
	123	10154	524	OGE	Multi - Earlywine	zonal-sponsored	06/01/09							COMPLETE	
	123	10155	524	OGE	Multi - Earlywine	zonal-sponsored	06/01/09							COMPLETE	
	123	10156	524	OGE	Multi - Earlywine	zonal-sponsored	06/01/09							COMPLETE	
	582	10747	524	OGE	Multi - Round Barn	zonal-sponsored	06/01/11			\$1,900,000			ON SCHEDULE <4	Project delayed due to lower load growth	
	582	10748	524	OGE	Multi - Round Barn	zonal-sponsored	06/01/11						ON SCHEDULE <4	Project delayed due to lower load growth	
	56	10074	524	OGE	Line - Chitwood - Garber 138 kV	zonal-sponsored	11/01/09			\$5,920,226			COMPLETE	Presently under construction. Scheduled to be complete 11/1/2009	
	304	10731	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/11			\$32,975,000			ON SCHEDULE <4	Multi-upgrade project for new arc furnace near Arbutuckle (on upgrade in device tab - Cap bank at Madill)	
	304	10732	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/11						ON SCHEDULE <4		
	304	10733	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/11						ON SCHEDULE <4		
	304	10734	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/11						ON SCHEDULE <4		
	304	10735	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/11						ON SCHEDULE <4		
	304	10736	524	OGE	Multi - Johnson County Project	zonal-sponsored	12/01/10						ON SCHEDULE <4		
	304	10737	524	OGE	Multi - Johnson County Project	zonal-sponsored	06/01/10						ON SCHEDULE <4		
20029	615	10792	524	OGE	Multi: Dover-Twin Lake-Crescent-Cottonwood conversion 138 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$1,074,000		18 months	DELAY - MITIGATION	Project delayed. WFEC unable to completed their portion of project on schedule. OG&E cannot start transmission line conversion until WFEC is complete with their line. MITIGATION: Transfer all OG&E's Turkey Creek load to OG&E's Hennessey 138-12.5 kV Substation. This eliminates the need to address the voltage drop for the loss of the WFEC Dover auto-transformer.	
20029	615	10793	524	OGE	Multi: Dover-Twin Lake-Crescent-Cottonwood conversion 138 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$4,330,250		18 months	DELAY - MITIGATION	Project delayed. WFEC unable to completed their portion of project on schedule. OG&E cannot start transmission line conversion until WFEC is complete with their line. MITIGATION: Transfer all OG&E's Turkey Creek load to OG&E's Hennessey 138-12.5 kV Substation. This eliminates the need to address the voltage drop for the loss of the WFEC Dover auto-transformer.	
20022	614	10787	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4		

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20022	614	10915	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09	\$218,000,000			ON SCHEDULE <4	
20022	614	10788	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4	
20022	614	10789	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4	Project to complete on schedule
20022	614	10790	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4	
20022	614	10791	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4	
20022	614	10913	524	OGE	Multi- Northwest-Woodward 345 kV	sponsored	03/30/10		02/02/09				ON SCHEDULE <4	
	310	10391	524	OGE	Line - Fitzhugh - Helberg 161 kV	zonal-sponsored	06/01/10			\$1,416,000			ON SCHEDULE <4	
	310	10392	524	OGE	Line - Great Lakes Carbon - Altus 161 kV	zonal-sponsored	03/31/11			\$543,000			ON SCHEDULE <4	
	310	10393	524	OGE	Line - Altus - Fitzhugh 161 kV	zonal-sponsored	12/31/10			\$660,000			ON SCHEDULE <4	
	310	10394	524	OGE	Line - Igo - Noark 161 kV	zonal-sponsored	03/31/11			\$2,994,000			ON SCHEDULE <4	
	310	10395	524	OGE	Line - Little Spadra - Igo 161 kV	zonal-sponsored	06/01/10			\$2,112,000			ON SCHEDULE <4	
	310	10396	524	OGE	Line - Noark - Great Lakes Carbon 161 kV	zonal-sponsored	03/31/11			\$522,000			ON SCHEDULE <4	
	310	10398	524	OGE	Line - Razorback - Igo 161 kV	zonal-sponsored	10/01/10			\$2,973,000			ON SCHEDULE <4	
	310	10399	524	OGE	Line - Razorback - Short Mountain 161 kV	zonal-sponsored	06/01/10			\$500,000			ON SCHEDULE <4	
	310	10400	524	OGE	Line - Short Mountain - Branch 161 kV	zonal-sponsored	10/01/10			\$3,231,000			ON SCHEDULE <4	
20029	354	10463	524	OGE	Line - Muldrow to 3rd St. 69 kV	regional reliability	06/01/10	06/01/09	01/27/09	\$100,000		12 months	DELAY - MITIGATION	NTC date changed back original date to 6/1/2011 due to change in load. Area factory being closed. Project status needs to be changed to "Green"
20017	30158	50166	524	OGE	Line - ARDMORE - ROCKY POINT 69KV CKT 1	transmission service	06/01/11	06/01/11	01/16/09	\$1,400,000		24 months	ON SCHEDULE <4	Full BPF
20017	30162	50170	524	OGE	Line - SUNNYSIDE - UNIROYAL 138KV CKT 1	transmission service	06/01/11	06/01/11	01/16/09	\$50,000		12 months	ON SCHEDULE <4	
20017	30159	50167	524	OGE	Line - DILLARD4 - HEALDTON TAP 138KV CKT 1	transmission service	06/01/11	06/01/11	01/16/09	\$300,000		12 months	ON SCHEDULE <4	Full BPF
20017	30161	50169	524	OGE	Line - HUGO - SUNNYSIDE 345KV OKGE	transmission service	04/01/12	04/01/12	01/16/09	\$200,000,000		42 months	ON SCHEDULE <4	Full BPF
20017	30163	50171	524	OGE	XFR - SUNNYSIDE (SUNNYSID3) 345/138/13.8KV TRANSFORMER CKT 1	transmission service	04/01/12	04/01/12	01/16/09	\$10,000,000		24 months	ON SCHEDULE <4	Full BPF
20002	395	10513	524	OGE	Line - OGE Russett - WFEC Russett 138kV	regional reliability	06/01/10	12/01/12	02/13/08	\$347,073		12 months	ON SCHEDULE <4	An SPP Flowgate
20002	396	10514	524	OGE	Breaker - Bodle 138 kV	regional reliability	10/01/11	06/01/12	02/13/08	\$1,000,000		12 months	ON SCHEDULE <4	Cost to install breaker plus relays at Bodle and replace relays at Caney Creek & OGE Brown. Project also needed with the Johnston County EHV project
20002	397	10515	524	OGE	Multi - Mustang - Cimarron 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$6,850,000		24 months	ON SCHEDULE <4	Project will be replaced pending an Out of Cycle review of Cimarron - Haymaker - Project may be eliminated pending a study review by SPP SPP documentation shows NTC
20002	397	10516	524	OGE	Multi - Mustang - Cimarron 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$3,500,000		24 months	ON SCHEDULE <4	Project will be replaced pending an Out of Cycle review of Cimarron - Haymaker - Project may be eliminated pending a study review by SPP SPP documentation shows NTC
20055	523	10668	524	OGE	Line - Rose Hill - Sooner 345 kV	regional reliability	06/01/12	06/01/12	09/18/09	\$71,000,000		42 months	ON SCHEDULE <4	Right-of-way being secured
	551	10837	524	OGE	Multi-3rd-Massard convert 69-161kV	regional reliability	06/01/12	06/01/17		\$6,200,000		24 months	ON SCHEDULE >4	Replaced Jonshon to 3rd Street tap with Johnson to Oak Park 161 kV
	551	10701	524	OGE	Multi-3rd-Massard convert 69-161kV	regional reliability	06/01/12	06/01/17				24 months	ON SCHEDULE >4	Replaced Jonshon to 3rd Street tap with Johnson to Oak Park 161 kV
20029	642	10843	524	OGE	Line Kilgore - VBI 69 kV	regional reliability	06/01/13	06/01/13	01/27/09	\$10,000		9 months	ON SCHEDULE >4	
20002	518	10663	524	OGE	Line - HSL East - HSL West 69 kV	regional reliability	06/01/16	06/01/16	02/13/08	\$250,000		12 months	ON SCHEDULE >4	
20017	30160	50168	524	OGE	XFR - FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	transmission service	06/01/17	06/01/17	01/16/09	\$11,000,000		32 months	ON SCHEDULE >4	Full BPF
20017	30164	50172	524	OGE	Line - VBI - VBI NORTH 69KV CKT 1	transmission service	06/01/17	06/01/17	01/16/09	\$100,000		9 months	ON SCHEDULE >4	Full BPF
20041	699	10929	524	OGE	Line - Sooner - Cleveland 345 kV	Balanced Portfolio	12/31/12		06/19/09	\$69,000,000		32 months	ON SCHEDULE <4	GRDA will complete substation upgrades at Cleveland. OGE will build the entire 345 kV line from Sooner to dead end at Cleveland substation.
20041	700	10930	524	OGE	Line - Seminole - Muskogee 345 kV	Balanced Portfolio	12/31/13		06/19/09	\$131,000,000		40 months	ON SCHEDULE >4	
20041	700	10931	524	OGE	XFR - Seminole 345/138 kV	Balanced Portfolio	12/31/13		06/19/09	\$4,000,000		22 months	ON SCHEDULE >4	OGE SPP & OG&E agreed third 345/138 kV bus tie not needed.
20041	701	10932	524	OGE	Line - Tuco - Woodward 345 kV line	Balanced Portfolio	05/19/14		06/19/09	\$105,000,000		40 months	ON SCHEDULE >4	
20041	701	10933	524	OGE	XFR - Woodward 345 kV and a 50 MVAR reactor bank	Balanced Portfolio	05/19/14		06/19/09	\$15,000,000		24 months	ON SCHEDULE >4	

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20041	709	10946	524	OGE	Sub - Gracemont	Balanced Portfolio	12/31/11		06/19/09	\$15,000,000		24 months	ON SCHEDULE <4	Anadarko 345 kV substation renamed to Gracemont	
	595	10762	527	OMPA	Line - Ompvet - Ompark - 4 138 kV	zonal-sponsored	07/02/09			\$1,946,000			COMPLETE	Complete - in service	
	596	10763	527	OMPA	Line - Ompvet - OmAltus - 4 138 kV	zonal-sponsored	06/05/09			\$1,094,000			COMPLETE	Complete - in service	
	597	10764	527	OMPA	Line - Altus Junction Ompark - 4 138 kV	zonal-sponsored	06/25/09			\$1,174,552			COMPLETE	Complete - in service	
	598	10765	527	OMPA	Line-Tamarack Tap-OmAltus-4 138 kV	zonal-sponsored	07/21/09			\$586,250			COMPLETE	Complete - in service	
	608	10779	645	OPPD	Build New 161 kV Substation Sub 1305	regional reliability	05/22/09	12/01/09		\$21,600,000			COMPLETE		
	608	10919	645	OPPD	Line - Sub 1251 - Sub 1305 161 kV	regional reliability	05/22/09	12/01/09						COMPLETE	
	608	10920	645	OPPD	Line - Sub 1298 - Sub 1305 161 kV	regional reliability	05/22/09	12/01/09						COMPLETE	
	608	10921	645	OPPD	Line - Sub 1251 - Sub 1298 161 kV	regional reliability	05/22/09	12/01/09						COMPLETE	
	608	10922	645	OPPD	Line - Sub 1226 - Sub 1298 161 kV	regional reliability	05/22/09	12/01/09						COMPLETE	
	809	11063	645	OPPD	Line - Rebuild Sub 1209 - Sub 1252 161 kV	zonal-sponsored	04/01/10				\$3,449,250			ON SCHEDULE <4	The purpose of this project is to address maintenance-related issues, not to address violations of reliability criteria.
	758	11001	645	OPPD	Line - Rebuild Sub 902 - Sub 983 69 kV	zonal-sponsored	04/01/10			\$2,500,000			ON SCHEDULE <4	The purpose of this project is to address maintenance-related issues, not to address violations of reliability criteria.	
	609	10924	645	OPPD	Build New 161 kV Substation Sub 1341	regional reliability	12/31/11	04/01/12		\$16,300,000			ON SCHEDULE <4		
	609	10925	645	OPPD	Line - Sub 1251 - Sub 1341 161kV	regional reliability	12/31/11	04/01/12						ON SCHEDULE <4	
	609	10926	645	OPPD	Line - Sub 1341 - Sub 1305 161kV	regional reliability	12/31/11	04/01/12						ON SCHEDULE <4	
	759	11002	645	OPPD	Line - Sub 1221 - Sub 1255 161kV		11/10/12				\$565,000			ON SCHEDULE <4	
20007	164	10213	534	SEPC	Line - WEPL Cimarron Plant - North Cimarron 115 kV	regional reliability	03/01/10	06/01/08	02/13/08	\$1,350,000			DELAY - MITIGATION	Construction is in progress. Mitigation is to request SPS to adjust the Texas Co Phase Shifter, and adjust generation on the Holcomb and Fort Dodge Plants.	
20007	166	10215	534	SEPC	Line - Holcomb - Plymell 115 kV	regional reliability	10/31/10	06/01/08	02/13/08	\$3,650,000		18 months	DELAY - MITIGATION	Review of the Line design is in progress, and material procurement is in progress. Mitigation is to reduce generation in area 534 and increase in area 539 as needed to relieve overload.	
20014	367	10480	534	SEPC	Line - Plymell - Pioneer Tap 115 kV	regional reliability	10/31/10	06/01/09	09/18/08	\$3,200,000		24 months	DELAY - MITIGATION	Review of the Line design is in progress, and material procurement is in progress. Mitigation is to reduce generation in area 534 and increase in area 539 as needed to relieve overload.	
	165	10214	534	SEPC	Line - Phillipsburg - Rhoades 115 kV Ckt 1	zonal-sponsored	06/01/10			\$10,500,000			ON SCHEDULE <4	Construction is in progress.	
20045	706	10939	534	SEPC	Line - Spearville - Wolf 345 kV	Balanced Portfolio	06/01/12		06/19/09	\$54,000,000			ON SCHEDULE <4		
20056	30223	50227	540	SJLP	Line - Cook - St Joe 161 kV	transmission service	06/01/11	06/01/11	09/18/09	\$4,400,000		18 months	ON SCHEDULE <4	KCPL will propose alternative project; Eastowne 345/161kV substation	
19987	76	10096	526	SPS	XFR - Terry Co 115/69 kV	regional reliability	11/01/07	06/01/07	02/02/07	\$2,375,000	\$2,145,926		COMPLETE		
19987	76	10097	526	SPS		regional reliability	10/24/08	06/01/07	02/02/07			18 months	COMPLETE		
20004	159	10206	526	SPS	Line - Plant X Station - Tolk Station West 230 kV	regional reliability	12/31/09	04/01/09	02/13/08	\$56,000		6 months	DELAY - MITIGATION	Only mitigation would depend on manual switching so this project needs to be done instead. SPP STEP study results indicate this terminal upgrade is needed before the 2017 summer peak without any overload occurrences in any of the models before then.	
20004	246	10314	526	SPS	Multi - Nichols - Whitaker Sub 115kV; Nichols - Cherry 115 kV	regional reliability	12/31/09	06/01/09	02/13/08	\$5,000		6 months	DELAY - MITIGATION	SPP STEP study results indicate this terminal upgrade is needed before the 2017 summer peak without any overload occurrences in any of the models before then.	
20004	246	10315	526	SPS	Multi - Nichols - Whitaker Sub 115kV; Nichols - Cherry 115 kV	regional reliability	12/31/09	06/01/09	02/13/08			6 months	DELAY - MITIGATION	SPP STEP study results indicate this terminal upgrade is needed before the 2017 summer peak without any overload occurrences in any of the models before then.	
19987	162	10210	526	SPS	XFR - Lubbock East 115/69 kV #1	regional reliability	09/04/09	06/01/07	02/02/07	\$1,300,000	\$1,206,336	18 months	COMPLETE	First Transformer placed in-service on September 4, 2009	
19987	162	10211	526	SPS	XFR - Lubbock East 115/69 kV #2	regional reliability	11/20/09	06/01/07	02/02/07	\$1,300,000	\$1,206,336	18 months	COMPLETE	Mitigation Plan verified by SPP staff. Projected in-service date is 11/6/2009. Both upgrades are complete as of 11/20/2009.	
20031	590	10757	526	SPS	Line - Ocotillo sub conversion 115 kV	regional reliability	06/01/11	06/01/09	01/27/09	\$1,222,843		24 months	DELAY - MITIGATION	overload of the Carlsbad 115/69 kV transformer for the outage of the parallel transformer, start the Carlsbad GT. Shed load to mitigate overload while Carlsbad generation brought on	
20004	249	10320	526	SPS	Multi - Seven Rivers - Pecos - Potash 230 kV	regional reliability	06/12/09	06/01/09	02/13/08	\$15,891,640	\$5,199,326	30 months	COMPLETE		
20004	249	10321	526	SPS	Multi - Seven Rivers - Pecos - Potash 230 kV	regional reliability	06/12/09	06/01/09	02/13/08			\$4,773,698	30 months	COMPLETE	
20004	249	10322	526	SPS	Multi - Seven Rivers - Pecos - Potash 230 kV	regional reliability	06/12/09	06/01/09	02/13/08			\$7,750,847	30 months	COMPLETE	
19987	250	10323	526	SPS	XFR - Cochran 115/69 kV	regional reliability	06/01/10	06/01/08	02/02/07	\$2,750,000		18months	DELAY - MITIGATION	Mitigation Plan verified by SPP staff. Outage restrictions until winter 2009	
19987	250	10324	526	SPS		regional reliability	06/01/10	06/01/08	02/02/07				18 months	DELAY - MITIGATION	
20004	146	10185	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	06/26/09	06/01/08	02/13/08	\$8,762,733		36 months	COMPLETE	230 kV line from Mustang to Seminole was placed in-service on 6/26 2009.	
20004	146	10187	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	07/17/09	06/01/08	02/13/08	\$7,715,262		24 months	COMPLETE	First transformer was placed in service on 7/17/2009.	

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
20004	146	10188	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	12/31/09	06/01/08	02/13/08			24 months	DELAY - MITIGATION	This delays the need for the project until 6/1/2012. Second 230/115 kV - 150 MVA is expected to be in-service by 12/31/2009.
20004	146	10189	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	10/16/09	06/01/08	02/13/08	\$3,891,288		24 months	DELAY - MITIGATION	Projected in service date is 10/16/2009
20004	146	10190	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	10/16/09	06/01/08	02/13/08			24 months	DELAY - MITIGATION	Projected in service date is 10/16/2009
20004	146	10186	526	SPS	Multi - Seminole - Hobbs Project 230 kV	regional reliability	06/01/15	06/01/08	02/13/08	\$8,920,699		48 months	DELAY - MITIGATION	load has been greatly lowered, reducing need for line. Project will be accelerated, if load projections show need.
20031	252	10332	526	SPS	XFR - Yoakum County Interchange 230/115 kV	regional reliability	10/16/09	06/01/09	01/27/09	\$802,084	\$1,375,253	24 months	COMPLETE	Projected in service date is 10/16/2009
20004	155	10199	526	SPS	XFR - Nichols 230/115 kV	regional reliability	11/20/09	06/01/11	02/13/08	\$6,000,000	\$6,475,520	24 months	COMPLETE	Both transformers in service 11/20/2009.
19987	157	10202	526	SPS	XFR - Hale Co 115/69 kV	regional reliability	06/01/10	06/01/07	02/02/07	\$2,900,000		18 months	DELAY - MITIGATION	Mitigation Plan verified by SPP staff. Per project tracking info in this project list, these projects should be complete by 12/31/2009.
19987	157	10203	526	SPS		regional reliability	06/01/10	06/01/07	02/02/07		18 months	DELAY - MITIGATION		
	591	10758	526	SPS	Line Roz3 - Amerada Hess Co2 115 kV	zonal-sponsored	10/16/09				\$1,089,208		COMPLETE	Projected in service date is 10/16/2009
	592	10759	526	SPS	Line - Roz3 - Seminole 115 kV	zonal-sponsored	10/16/09				\$624,101		COMPLETE	Projected in service date is 10/16/2009
	593	10760	526	SPS	Line - Denver City - seminole 115 kV	zonal-sponsored	07/17/09				\$294,474		COMPLETE	Placed in service on 7/17/2009
	594	10761	526	SPS	Line - Seminole - Doss Interchange 115 kV	zonal-sponsored	07/31/09				\$1,523,183		COMPLETE	Placed in service on 7/31/2009
20060	80	10103	526	SPS	XFR - Roswell Interchange 115/69 kV #2	regional reliability	01/01/09	10/01/09	08/31/09	\$1,375,000	\$732,351		COMPLETE	
20031	144	10183	526	SPS	Line - Curry County - North Clovis Conversion	regional reliability	06/01/10	06/01/10	01/27/09	\$200,000		24 months	ON SCHEDULE <4	Approved in 2008 budget. Replacement for upgrade of Curry autos. Requires changeout of 69 kV dist transformer to 115 kV. No mitigation needed if built by 6/1/10.
20004	248	10317	526	SPS	Multi - Wheeler County Project - Tap 230 kV line - Two new XFs - new 115 kV line	regional reliability	06/01/10	06/01/09	02/13/08	\$10,585,000		30 months	DELAY - MITIGATION	The earliest that any portion of the Wheeler County Interchange project can be in-service will be 6/1/2010. NTC should be modified to show the tap of the 230 kV line.
20004	248	10318	526	SPS		regional reliability	06/01/10	06/01/09	02/13/08		30 months	DELAY - MITIGATION	The earliest that any portion of the Wheeler County Interchange project can be in-service will be 6/1/2010. NTC should be modified to show the tap of the 230 kV line.	
20004	248	10319	526	SPS		regional reliability	06/01/10	06/01/09	02/13/08		30 months	DELAY - MITIGATION	The earliest that any portion of the Wheeler County Interchange project can be in-service will be 6/1/2010. NTC should be modified to show the tap of the 230 kV line.	
20031	156	10326	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	12/31/10	06/01/10	01/27/09	\$16,094,371		48 months	DELAY - MITIGATION	of 2009. Interim Mitigations: Same as provided last year with load shed being the greatest measure of mitigating low voltages and overloads for the worst contingencies. Hitchland to
20004	156	10327	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/10	04/01/09	02/13/08	\$12,577,500		24 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Add 345/230 kV - 560 MVA transformer at Hitchland.
20004	156	10328	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$15,848,000		48 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. 115 kV from Hitchland to Sherman Tap.
20004	156	10329	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$10,771,825		48 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Dallam to Sherman 115 kv project.
20004	156	10330	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/11	06/01/09	02/13/08	\$10,766,250		48 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Hitchland to Ochiltree 230 kV project.
20004	156	10331	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/11	06/01/09	02/13/08	\$5,846,295		24 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Ochiltree Sub 230/115 kV transformer.
20004	156	10200	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/10	06/01/08	02/13/08	\$5,132,829		24 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Hitchland to Texas Co. 115 kv cutin.
20004	156	10201	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$31,915,701		24 months	DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009.
20004	156	10325	526	SPS	Multi - Hitchland - Texas Co. 230 kV and 115 kV	zonal-sponsored	06/01/11		02/13/08	\$11,922,643			DELAY - MITIGATION	This large project is underway and portions of this project will be complete after the Summer of 2009. Hitchland to Pringle 230 kV transmission project.
20031	554	10704	526	SPS	Multi - Dallam - Channing - Tascosa - Northwest Lines	regional reliability	12/31/10	06/01/09	01/27/09			30 months	DELAY - MITIGATION	Interim Mitigations: Currently there is no backup for the 69 kV service at Channing and Tascosa. Any contingency on this radial line will remove load from the system. Therefore, no
20031	554	10705	526	SPS	Multi - Dallam - Channing - Tascosa - Northwest lines	regional reliability	12/31/10	06/01/09	01/27/09	\$27,452,677		30 months	DELAY - MITIGATION	Interim Mitigations: Currently there is no backup for the 69 kV service at Channing and Tascosa. Any contingency on this radial line will remove load from the system. Therefore, no
20031	554	10706	526	SPS	Multi - Dallam - Channing - Tascosa - Northwest lines	regional reliability	12/31/10	06/01/09	01/27/09			30 months	DELAY - MITIGATION	Interim Mitigations: Currently there is no backup for the 69 kV service at Channing and Tascosa. Any contingency on this radial line will remove load from the system. Therefore, no
	315	10407	526	SPS	Line - Roosevelt County Interchange 115 kV - Curry County Interchange 115 kV	regional reliability	06/01/10	06/01/15		\$200,000		6 months	ON SCHEDULE <4	Will need additional study
20031	632	10822	526	SPS	Multi: Legacy Interchange 69 kV Tap - 115/69 transformer -2 new lines	regional reliability	06/01/11	06/01/09	01/27/09	\$3,937,500		24 months	DELAY - MITIGATION	the overload of one Gaines County 115/69 kV transformer for the outage of the parallel transformer, shed load to mitigate overload, then Close Switch 7857 [527349 - 527339], and
20031	632	10823	526	SPS	Multi: Legacy Interchange 69 kV Tap - 115/69 transformer -2 new lines	regional reliability	06/01/11	06/01/09	01/27/09	\$3,375,000		24 months	DELAY - MITIGATION	the overload of one Gaines County 115/69 kV transformer for the outage of the parallel transformer, shed load to mitigate overload, then Close Switch 7857 [527349 - 527339], and
20031	632	10824	526	SPS	Multi: Legacy Interchange 69 kV Tap - 115/69 transformer -2 new lines	regional reliability	06/01/11	06/01/09	01/27/09	\$3,093,750		24 months	DELAY - MITIGATION	the overload of one Gaines County 115/69 kV transformer for the outage of the parallel transformer, shed load to mitigate overload, then Close Switch 7857 [527349 - 527339], and
20031	633	10825	526	SPS	Multi: Eagle Creek 115 and 69 kV Taps - 116/69 XF - 3 new lines	regional reliability	04/15/11	06/01/09	01/27/09	\$3,285,000		36 months	DELAY - MITIGATION	outage of the parallel transformer, shed load to mitigate overload, then Close Switch 4755 @ 13TH ST. SUB [527761 - 527768].
20031	633	10826	526	SPS	Multi: Eagle Creek 115 and 69 kV Taps - 116/69 XF - 3 new lines	regional reliability	04/15/11	06/01/09	01/27/09	\$281,250		36 months	DELAY - MITIGATION	outage of the parallel transformer, shed load to mitigate overload, then Close Switch 4755 @ 13TH ST. SUB [527761 - 527768].
20031	633	10827	526	SPS	Multi: Eagle Creek 115 and 69 kV Taps - 116/69 XF - 3 new lines	regional reliability	04/15/11	06/01/09	01/27/09	\$281,250		36 months	DELAY - MITIGATION	outage of the parallel transformer, shed load to mitigate overload, then Close Switch 4755 @ 13TH ST. SUB [527761 - 527768].
20031	633	10828	526	SPS	Multi: Eagle Creek 115 and 69 kV Taps - 116/69 XF - 3 new lines	regional reliability	04/15/11	06/01/09	01/27/09	\$1,350,000		36 months	DELAY - MITIGATION	outage of the parallel transformer, shed load to mitigate overload, then Close Switch 4755 @ 13TH ST. SUB [527761 - 527768].
20031	696	10829	526	SPS	Line - Chaves Co - Roswell Int 69/115 kV Voltage Conversion	regional reliability	06/01/11	06/01/09	01/27/09	\$4,716,600			DELAY - MITIGATION	Mitigations: In 2009 the contingency loss of one of the 115/69 kV transformers at Roswell Interchange will cause the other to overload to 48.9 MVA, of the 40 MVA rating, or 122.4%.

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20031	151	10195	526	SPS	XFR - Tuco 115/69 kV	regional reliability	01/00/00	06/01/18	01/27/09	\$1,260,000		24 months	ON SCHEDULE >4	A reconfiguration of the 69 kV loading will mitigate this contingency until 2018.
20031	153	10197	526	SPS	XFR - Potash Junction Interchange 115/69 kV	regional reliability	01/00/00	06/01/18	01/27/09	\$600,000		24 months	ON SCHEDULE >4	No project here! Step study justified this project with a modeling error. Model correction (turning on existing capacitor bank) deferred project from 2008 to 2018.
20004	247	10316	526	SPS	Line - Curry County Interchange-Farmers Electric REC-Clovis 115 kV	regional reliability	12/01/08		02/13/08	\$5,000		6 months	ON SCHEDULE >4	Lux also confirmed with John Fulton). This terminal upgrade is needed only after the North Clovis Substation is upgraded to the 115 kV circuit, which won't be in-service until 2010. SPS
20043	704	10936	526	SPS	Line - Tuco - Woodward 345 kV line	Balanced Portfolio	05/19/14		06/19/09	\$122,597,500			ON SCHEDULE >4	
20043	704	10937	526	SPS	XFR - Tuco transformer and Mid-point Reactor Station	Balanced Portfolio	05/19/14		06/19/09	\$26,130,000			ON SCHEDULE >4	
19984	104	10128	515	SWPA	Line - Springfield - Brookline 161 kV	transmission service	06/01/08	06/01/08		\$300,000			COMPLETE	Prior to BPF tariff
	101	10125	515	SWPA	XFR - Eufaula 161/138 kV	regional reliability - non OATT	10/01/10	04/01/09		\$3,000,000			DELAY - MITIGATION	
	342	10439	515	SWPA	Line - BULL SHOALS - BULL SHOALS 161KV	regional reliability - non OATT	01/01/10	06/01/11		\$2,200,000			ON SCHEDULE <4	
19985	72	10090	525	WFEC	Line - Elmore - Wallville 69 kV	regional reliability	03/31/08	06/01/12	02/02/07	\$1,488,000		16 months	COMPLETE	
19951	141	10180	525	WFEC	XFR - Ft Supply 70 MVA	transmission service	06/01/08	06/01/08	01/02/07	\$2,000,000		18- months	COMPLETE	48% BPF
20003	244	10312	525	WFEC	XFR - Paoli 138 kV/69 kV Transformer	regional reliability	06/01/08	06/01/09	02/13/08	\$1,500,000		12 months	COMPLETE	
20003	312	10404	525	WFEC	Line - Alva - Cherokee SW 69 kV	regional reliability	06/01/08	06/01/10	02/13/08	\$150,000		6 months	COMPLETE	
19985	134	10168	525	WFEC	Multi - Erick - Morewood SW conversion	regional reliability	10/01/08	06/01/08	02/02/07	\$12,000,000		12 months	COMPLETE	
19985	134	10169	525	WFEC	Multi - Erick - Morewood SW conversion	regional reliability	10/01/08	06/01/08	02/02/07			12 months	COMPLETE	
19985	134	10170	525	WFEC	Multi - Erick - Morewood SW conversion	regional reliability	10/01/08	06/01/08	02/02/07			12 months	COMPLETE	
19985	134	10171	525	WFEC	Multi - Erick - Morewood SW conversion	regional reliability	10/01/08	06/01/08	02/02/07			12 months	COMPLETE	
19985	134	10172	525	WFEC	Multi - Erick - Morewood SW conversion	regional reliability	10/01/08	06/01/08	02/02/07			12 months	COMPLETE	
20003	139	10177	525	WFEC	Multi - Kingfisher 69 kV	regional reliability	11/01/08	06/01/08	02/13/08	\$4,050,000		10 months	COMPLETE	
20003	139	10178	525	WFEC	Multi - Kingfisher 69 kV	regional reliability	11/01/08	06/01/08	02/13/08	\$3,540,000		10 months	COMPLETE	
20030	585	10752	525	WFEC	Line-Buffalo-FT Supply CKT 1	regional reliability	04/01/09	04/01/09	01/27/09	\$150,000		8 months	COMPLETE	
20003	142	10181	525	WFEC	Line - Little Axe - Noble 69 kV	regional reliability	06/01/09	04/01/09	02/13/08	\$2,640,000		16 months	COMPLETE	
20003	132	10166	525	WFEC	Line - Anadarko - Cyril 69 kV	regional reliability	06/01/09	04/01/09	02/13/08	\$3,120,000		16 months	COMPLETE	
19985	140	10179	525	WFEC	Line - ACME - W Norman 69 kV	regional reliability	06/01/10	06/01/08	02/02/07	\$912,000		8 months	DELAY - MITIGATION	Mitigation Plan under review by SPP. Deferred in latest SPP Transmission Expansion Plan.
20003	138	10176	525	WFEC	Line - OGE Woodward - WFEC Woodward 69 kV	regional reliability	12/01/10	04/01/09	02/13/08	\$1,050,000		12 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	238	10303	525	WFEC	Line - Atoka - WFEC Tupelo - Lane 138 kV	regional reliability	06/01/10	06/01/12	02/13/08	\$8,265,000		12 months	ON SCHEDULE <4	AEP's station cost is \$1.665M. WFEC's construction cost is \$6.6M. An interconnection agreement has been executed between WFEC and AEP.
20003	238	10304	525	WFEC	Line - Atoka - WFEC Tupelo - Lane 138 kV	regional reliability	06/01/10	06/01/12	02/13/08			12 months	ON SCHEDULE <4	
20030	586	10753	525	WFEC	Line-Burlington-Cherokee SW 69 kV CT	regional reliability	04/01/09	04/01/09	01/27/09	\$150,000		8 months	COMPLETE	
20003	240	10306	525	WFEC	Line - Cyril to Medicine Park Jct 69 kV	regional reliability	06/01/09	06/01/09	02/13/08	\$750,000		16 months	COMPLETE	
20003	241	10307	525	WFEC	Line - Anadarko - Georgia Tap 138 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$2,000,000		12 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	242	10308	525	WFEC	Line - Elmore - Paoli 69 kV	regional reliability	06/01/11	06/01/09	02/13/08	\$3,240,000		12 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	243	10309	525	WFEC	Multi - OU SW - Goldsby - Canadian SW 138 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$2,753,800		16 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	243	10310	525	WFEC	Multi - OU SW - Goldsby - Canadian SW 138 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$2,250,000		16 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	243	10311	525	WFEC	Multi - OU SW - Goldsby - Canadian SW 138 kV	regional reliability	06/01/10	06/01/09	02/13/08	\$5,000,000		16 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	403	10525	525	WFEC	XFR - Comanche 138/69 kV Transformer	regional reliability	06/01/09	06/01/12	02/13/08	\$1,000,000		24 months	COMPLETE	
20030	587	10754	525	WFEC	Line - IODINE - MOORELAND 138KV CKT 1	regional reliability	04/01/09	04/01/09	01/27/09	\$150,000		8 months	COMPLETE	
20030	588	10755	525	WFEC	Line - MOORELAND - MOREWOOD SW 138KV CKT 1	regional reliability	04/01/09	04/01/09	01/27/09	\$150,000		6 months	COMPLETE	

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20003	356	10466	525	WFEC	Line - Medicine Park Jct - Fletcher 69 kV	regional reliability	06/01/09	06/01/11	02/13/08	\$1,230,000	not all charges in	16 months	COMPLETE	
20003	361	10471	525	WFEC	Line - Fletcher - Marlow Jct 69 kV	regional reliability	06/01/11	06/01/11	02/13/08	\$2,000,000		16 months	ON SCHEDULE <4	
20030	589	10756	525	WFEC	Line-Grandfield-Hollister 69 kV	regional reliability	06/01/09	06/01/09	01/27/09	\$150,000		8 months	COMPLETE	
20030	239	10305	525	WFEC	Line - WFEC Snyder - AEP Snyder	regional reliability	12/31/10	06/01/09	01/27/09	\$3,373,000		16 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	136	10174	525	WFEC	Line - Meeker - Hammett 138 kV	regional reliability	06/01/11	06/01/08	02/13/08	\$6,674,000		10 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	137	10175	525	WFEC	Line - Wakita - Hazelton 69 kV	regional reliability	06/01/11	04/01/09	02/13/08	\$8,000,000		10 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20003	311	10401	525	WFEC	Multi - Franklin SW - Acme - Norman - OU SW Conversion 138 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$2,065,000		12 months	ON SCHEDULE <4	
20003	311	10402	525	WFEC	Multi - Franklin SW - Acme - Norman - OU SW Conversion 138 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$1,601,000		12 months	ON SCHEDULE <4	
20003	311	10403	525	WFEC	Multi - Franklin SW - Acme - Norman - OU SW Conversion 138 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$1,577,000		12 months	ON SCHEDULE <4	
20030	616	10794	525	WFEC	Multi: WFEC-Dover-Twin Lake_Crescent-Cottonwood conversion 138 kV	regional reliability	12/01/10	06/01/10	01/27/09	\$5,765,600		24 months	DELAY - MITIGATION	No mitigation needed in summer 2010 due to updated load forecasts.
20030	616	10795	525	WFEC	Multi: WFEC-Dover-Twin Lake_Crescent-Cottonwood conversion 138 kV	regional reliability	06/01/10	06/01/10	01/27/09	\$5,315,700		24 months	ON SCHEDULE <4	
20030	616	10796	525	WFEC	Multi: WFEC-Dover-Twin Lake_Crescent-Cottonwood conversion 138 kV	regional reliability	12/01/10	06/01/10	01/27/09	\$3,164,000		24 months	DELAY - MITIGATION	No mitigation needed in summer 2010 due to updated load forecasts.
20030	616	10797	525	WFEC	Multi: WFEC-Dover-Twin Lake_Crescent-Cottonwood conversion 138 kV	regional reliability	06/01/12	06/01/10	01/27/09	\$3,937,500		24 months	DELAY - MITIGATION	No mitigation needed in summer 2010 due to updated load forecasts.
20030	617	10798	525	WFEC	Line - Carter Jct-Lake Creek 69 kV	regional reliability	06/01/10	06/01/10	01/27/09	\$150,000		8 months	ON SCHEDULE <4	
20030	135	10799	525	WFEC	Multi: Lindsay - Lindsay SW and Bradley-Rush Springs lines	regional reliability	12/01/10	06/01/10	01/27/09	\$1,248,750		24 months	DELAY - MITIGATION	Mitigation needed for delaying the project to 12/01/10. Shift 2MW of load from Criner to Bradley and turn on fully Marlow and Lindsay capacitor banks. If mitigation doesn't resolve issues, shed load.
20030	135	10173	525	WFEC	Multi - Lindsay - Lindsay SW and Bradley-Rush Springs	regional reliability	12/01/10	06/01/10	01/27/09	\$2,328,750		24 months	DELAY - MITIGATION	Mitigation needed for delaying the project to 12/01/10. Shift 2MW of load from Criner to Bradley and turn on fully Marlow and Lindsay capacitor banks. If this mitigation doesn't resolve issues, shed load.
19951	357	10467	525	WFEC	XFR - Anadarko 138/69 kV	transmission service	06/01/11	06/01/11	01/02/07	\$2,000,000		16 months	ON SCHEDULE <4	
20018	30165	50173	525	WFEC	Line - HUGO - SUNNYSIDE 345KV WFEC	transmission service	04/01/12	04/01/12	01/16/09	\$2,000,000		36 months	ON SCHEDULE <4	Full BPF
20003	402	10522	525	WFEC	Multi - Granfield - Cache SW 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$1,125,000		12 months	ON SCHEDULE <4	
20003	402	10523	525	WFEC	Multi - Granfield - Cache SW 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$7,306,000		24 months	ON SCHEDULE <4	
20003	402	10524	525	WFEC	Multi - Granfield - Cache SW 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$5,000,000		24 months	ON SCHEDULE <4	
20018	313	10405	525	WFEC	Line - Valiant - Hugo 345 kV	transmission service	04/01/12	04/01/12	01/16/09	\$18,000,000		24 months	ON SCHEDULE <4	73% BPF
20018	314	10406	525	WFEC	XFR - Hugo 345/138 kV	transmission service	04/01/12	04/01/12	01/16/09	\$12,000,000		24 months	ON SCHEDULE <4	73% BPF
20003	399	10519	525	WFEC	Line - Lindsay - Wallville 69 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$1,347,000		12 months	ON SCHEDULE <4	
20003	400	10520	525	WFEC	Line - Pharoah - Weleetka 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$225,000		6 months	ON SCHEDULE <4	
20003	401	10521	525	WFEC	Line - WFEC Russell 138 kV - AEP Altus Jct Tap 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$50,000		6 months	ON SCHEDULE <4	
20044	705	10938	525	WFEC	Tap Anadarko - Washita 138 kV line	Balanced Portfolio	12/31/11		06/19/09	\$200,000			ON SCHEDULE <4	WFEC changed the project. The project will now tap the existing Washita-Anadarko 138 kV line and bring it into the Gracemont (aka Anadarko 345 kV) substation.
19986	84	10107	536	WR	Line - Hesston - Golden Plain - Gatz 69 kV Rebuild	regional reliability	08/04/08	06/01/07	02/02/07	\$1,617,177	\$1,553,395		COMPLETE	
19986	84	10108	536	WR	Line - Hesston - Golden Plain - Gatz 69 kV Rebuild	regional reliability	08/04/08	06/01/07	02/02/07				COMPLETE	
20006	167	10216	536	WR	Line - Gill Energy Center East - Gill Energy Center Jct 69 kV Rebuild	regional reliability	12/20/08	06/01/08	02/13/08	\$1,589,322	\$1,987,109	18 months	COMPLETE	
19986	174	10223	536	WR	Line - Murry Gill Energy Center - MacArthur 69 kV	regional reliability	06/01/08	06/01/08	02/02/07	\$150,000		8 months	COMPLETE	
20006	175	10224	536	WR	Line - McDowell Creek - Fort Junction 115 kV	regional reliability	12/15/08	10/01/08	02/13/08	\$6,350,667	\$6,409,525	10 months	COMPLETE	
20006	175	10225	536	WR	Line - McDowell Creek - Fort Junction 115 kV	regional reliability	12/15/08	10/01/08	02/13/08			10 months	COMPLETE	
19986	176	10226	536	WR	Line - Dearing - Coffeyville 69 kV Rebuild	regional reliability	12/08/08	06/01/08	02/02/07	\$1,226,705	\$778,658	7 months	COMPLETE	
19986	176	10227	536	WR	Line - Coffeyville - CRA 69 kV Rebuild	regional reliability	12/08/08	06/01/08	02/02/07			7 months	COMPLETE	

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
19986	181	10230	536	WR	XFR - County Line 115/69 kV Replacement	regional reliability	10/30/08	06/01/07	02/02/07	\$2,860,000		14 months	COMPLETE	
19986	185	10234	536	WR	Multi - Hutchinson 115 kV conversion	zonal reliability	12/01/08	12/31/08	02/02/07	\$6,711,881		20 months	COMPLETE	
19966	253	10333	536	WR	Line - Jarbalo - 166th Street 115 kV	transmission service	09/18/08	06/01/09	05/29/07	\$7,943,430	\$3,339,680	18 months	COMPLETE	
19965	253	10334	536	WR	Line- 166th - Jaggard Junction 115 kV Rebuild	transmission service	01/15/10	06/01/09	05/29/07	\$1,594,248		18 months	DELAY - MITIGATION	Project is in service
19965	253	10335	536	WR	Line - Jaggard Junction - Pentagon 115 kV Rebuild	transmission service	06/01/10	06/01/09	05/29/07	\$2,900,000		18 months	DELAY - MITIGATION	Interim mitigation is implementation of Transmission Operating Directive 800
20006	265	10348	536	WR	XFR - Stranger Creek 345/115 #2 Addition	regional reliability	09/15/09	06/01/09	02/13/08	\$8,300,000		24 months	COMPLETE	Project is in service
20033	266	10349	536	WR	Line - Circle - HEC GT 115 kV Rebuild	regional reliability	06/01/11	06/01/11	01/27/09	\$710,000		18 months	ON SCHEDULE <4	Interim mitigation is redipatch of HEC GT units.
19986	180	10229	536	WR	Line - Stranger Creek - Thornton Street 115 kV Addition	regional reliability	08/01/10	06/01/07	02/02/07	\$8,538,843		12 months	DELAY - MITIGATION	Interim mitigation is implementation of Transmission Operating Directive 1216; Project delay is due to routing difficulties at Stranger Creek substation taking into account the addition of the 2nd 345-115 kV transformer in 2009; Current line cost estimate is \$3,875,000.
20006	179	10228	536	WR	Line - Summit - NE Saline 115 kV	regional reliability	10/13/09	06/01/09	02/13/08	\$7,549,969		18 months	COMPLETE	Project is modified: Rebuild Summit-Northview 115 kV ; In-service date 6/1/2009;\$ 6,819,380 Build Summit-Southgate 115 kV; Remove Northview-Southgate 115 kV; Work will be performed when extensive crews are completing Reno County-Summit 345 kV work; Cost for substation work is \$1.3 million
20006	323	10419	536	WR	Line - West McPherson - Wheatland 115 kV	regional reliability	03/01/09	06/01/10	02/13/08	\$3,949,405		12 months	COMPLETE	
20006	260	10343	536	WR	Line - Reno - Circle 115 kV Ckt 1	regional reliability	03/01/09	06/01/09	02/13/08	\$4,056,582		18 months	COMPLETE	
20006	170	10219	536	WR	Line - Fort Junction - Anzio 115 kV	regional reliability	06/01/10	06/01/08	02/13/08	\$4,288,827		6 months	DELAY - MITIGATION	Increase generation at McPherson and Hutchinson to relieve overloading Transmission Operating Directive 1217
	262	10345	536	WR	Line - Reno County-Summit 345 kV ckt 1	sponsored	12/31/10			\$100,618,016		24 months	ON SCHEDULE <4	Project costs include rebuilding of 115 kV and 230 kV underlying system on same ROW
	262	10346	536	WR	XFR - Reno County 345/115 kV #2	sponsored	09/21/09			\$4,337,501		24 months	COMPLETE	
20059	622	10810	536	WR	Line - Richland - Rose Hill Junction 69 kV	regional reliability	06/01/13	06/01/11	09/18/09	\$2,815,000		18 months	DELAY - MITIGATION	Interim mitigation is continued use of applicable Transmission Operating Directives.
20019	578	10739	536	WR	Line - Knob Hill - Steele City 115 kV	regional reliability	06/01/10	06/01/09	11/17/08	\$29,227,450		48 months	DELAY - MITIGATION	FLOWGATE 5328 Mitigation is putting the Clifton Unit (539655) on and increasing the output as needed to relieve the line loading. Substation cost 12 \$1.0 million.
20006	321	10417	536	WR	Line - Oaklawn - Oliver 69 kV	regional reliability	06/01/11	06/01/10	02/13/08	\$1,292,500		12 months	DELAY - MITIGATION	Interim mitigation is to transfer load on 69 kV substations in Wichita to unload the line.
19964	318	10412	536	WR	Line - Coffeyville - Dearing 138 kV	transmission service	06/01/10	06/01/10	06/27/07	\$2,990,000		18 months	ON SCHEDULE <4	Cost is WERE portion only
20033	493	10638	536	WR	Multi - Jarbalo - Stranger Creek - NW Leavenworth	regional reliability	06/01/11	06/01/10	01/27/09	\$8,450,000		15 months	DELAY - MITIGATION	Transmission Operating Directive 1216 modified to open Jarbalo-NW Leavenworth
20033	493	10639	536	WR	Multi - Jarbalo - Stranger Creek - NW Leavenworth	regional reliability	06/01/11	06/01/10	01/27/09			15 months	DELAY - MITIGATION	Transmission Operating Directive 1216 modified to open Jarbalo-NW Leavenworth
20006	330	10426	536	WR	Multi - Fort Scott - Marmaton/Litchfield 161kV	regional reliability	01/00/00	06/01/10	02/13/08	\$5,000,000		18 months	DELAY - MITIGATION	Mitigation is power factor correction on 69 kV system between Marmton and Litchfield
20006	330	10427	536	WR	Multi - Fort Scott - Marmaton/Litchfield 161kV	regional reliability	01/00/00	06/01/10	02/13/08	\$2,400,000		18 months	DELAY - MITIGATION	Mitigation is power factor correction on 69 kV system between Marmton and Litchfield
20033	495	10640	536	WR	Line - Lawrence Hill - Mockingbird 115 kV	regional reliability	01/00/00	06/01/10	01/27/09	\$2,377,448		18 months	RE-EVALUATION	Re-evaluating scope of project as part of a comprehensive assessment of the Lawrence load area.
20033	618	10806	536	WR	Multi - NW Manhattan	regional reliability	12/01/11	06/01/10	01/27/09	\$17,437,500		24 months	DELAY - MITIGATION	Install Distribution Capacitors change conversion and East Manhattan - JEC 230 kV Distribution Transformer NLTs. Load projections have reduced
20033	621	10809	536	WR	Line - E. Manhattan - JEC 230 kV	regional reliability	01/00/00	06/01/10	01/27/09	\$17,085,938		24 months	RE-EVALUATION	
20033	623	10811	536	WR	Line - Timber Junction - Winfield 69 kV	regional reliability	12/31/10	06/01/10	01/27/09	\$9,815,000		24 months	RE-EVALUATION	Interim mitigation is continued use of applicable Transmission Operating Directives.
20033	625	10813	536	WR	Line - Rebuild Chisolm - Ripley 69 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$2,330,000		18 months	DELAY - MITIGATION	Close the normally open switch (69-11) on the Hoover-Cowskin 69 kV line. Project will probably defer to 2010 due to reduced load forecast. Expected in-service date is 12/1/2010.
20033	599	10766	536	WR	Line - 27th & Croco - Tecumseh Hill 115 kV	regional reliability	12/31/10	06/01/09	01/27/09	\$4,115,000		18 months	RE-EVALUATION	
20019	577	10738	536	WR	Line - Kelly - Seneca 115 kV	regional reliability	12/01/10	06/01/09	11/17/08	\$6,062,000		24 months	DELAY - MITIGATION	FLOWGATE 5328 Mitigation is putting the Clifton Unit (539655) on and increasing the output as needed to relieve the line loading. Project has been suspended after TransCanada study
20006	328	10424	536	WR	Line - Reno(Circle) - Moundridge Project 115 kV Rebuild	regional reliability	06/01/10	06/01/10	02/13/08	\$5,800,000		12 months	ON SCHEDULE <4	Rebuild will be done as part of Wichita - Reno County 345 kV
20006	171	10220	536	WR	Line - Weaver - Rose Hill 69 kV	regional reliability	06/01/10	06/01/08	02/13/08	\$2,111,000		6 months	DELAY - MITIGATION	Interim mitigation is continued use of applicable Transmission Operating Directives.
20006	172	10221	536	WR	Line - Tecumseh Energy Center - Midland 115 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$2,100,000		6 months	ON SCHEDULE <4	
	173	10222	536	WR	Line - Gill Energy Center West-Peck 69 kV Rebuild	zonal-sponsored	07/15/10			\$6,800,000		12 months	ON SCHEDULE <4	Project deferred.
	328	10425	536	WR	XFR - Reno(Circle)-Moundridge Project	zonal-sponsored	06/01/15			\$2,000,000			ON SCHEDULE <4	

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
20033	624	10812	536	WR	Line - Fort Junction - West Junction City 115 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$5,403,500		24 months	DELAY - MITIGATION	Interim mitigation is to increase generation at AEC, McPherson, and HEC to relieve overloading.
19964	375	10488	536	WR	XFR - Rose Hill 345/138 kV #3 Addition	transmission service	06/01/12	06/01/11	06/27/07	\$8,100,000		24 months	DELAY - MITIGATION	Interim mitigation is to open any 138 kV line out of Rose Hill.
20006	369	10482	536	WR	Line - SW Lawrence - Wakarusa 115 kV Rebuild	regional reliability	06/01/11	06/01/11	02/13/08	\$2,000,000		18 months	ON SCHEDULE <4	Re-evaluating scope of project as part of a comprehensive assessment of the Lawrence load area.
20006	370	10483	536	WR	Line - Co-op - Wakarusa	regional reliability	06/01/11	06/01/11	02/13/08	\$760,000		18 months	ON SCHEDULE <4	The required date to start the project has not yet occurred; Mitigation plans not required
20033	600	10767	536	WR	Line - 27th & Croco - 41st & California 115 kV	regional reliability	12/31/11	06/01/09	01/27/09	\$2,928,000		24 months	RE-EVALUATION	Project will probably defer to 2011 due to reduced load forecast. Expected in-service date is 12/1/2011. Substation terminal upgrades is \$475,000.
20033	267	10350	536	WR	Multi - Halstead - Mud Creek Jct. - Mid-American Jct. - Newton 69 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$2,500,000		12 months	DELAY - MITIGATION	UVLS operational in Newton Division. Adjustment of CTs at Halstead and Newton to increase line rating is interim mitigation. Substation terminal costs is \$220,000 for Halstead and Newton.
20033	267	10351	536	WR	Multi - Halstead - Mud Creek Jct. - Mid-American Jct. - Newton 69 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$360,000		12 months	DELAY - MITIGATION	
20033	267	10352	536	WR	Multi - Halstead - Mud Creek Jct. - Mid-American Jct. - Newton 69 kV	regional reliability	06/01/11	06/01/10	01/27/09	\$1,300,000		12 months	DELAY - MITIGATION	
20033	463	10602	536	WR	Line - East Manhattan - McDowell 115 kV to 230 kV conversion	regional reliability	06/01/12	06/01/10	01/27/09	\$4,100,000		12 months	DELAY - MITIGATION	Install Distribution Capacitors change conversion and East Manhattan - JEC 230 kV Distribution Transformer NLTs. Load projections have reduced
20059	529	10674	536	WR	Line - Rose Hill - Sooner 345 kV	regional reliability	01/01/13	01/01/13	09/18/09	\$79,204,000		36 months	ON SCHEDULE >4	
20033	491	10636	536	WR	Line - Bismark - COOP	regional reliability	06/01/11	06/01/09	01/27/09	\$2,085,000		18 months	DELAY - MITIGATION	Transmission Operating Directive 1211
20006	410	10536	536	WR	Line - Circle - Ark Valley - Tower 33 115 kV	regional reliability	01/00/00	06/01/12	02/13/08	\$0		12 months	DELAY - MITIGATION	Line is radial.
	561	10711	536	WR	Line - Evans - Lakeridge 138 kV ckt 1	regional reliability	10/01/09	06/01/10	09/18/09	\$0		24 months	COMPLETE	Line is currently rated for 2,000 ampere service.
20033	643	10844	536	WR	Line - Twin Valley - Altamont - Neosho 138 kV	regional reliability	06/01/13	06/01/13	01/27/09	\$4,000,000		18 months	ON SCHEDULE >4	
20033	533	10678	536	WR	XFR - Auburn Road 230/115 kV	regional reliability	06/01/13	06/01/13	01/27/09	\$12,622,500		36 months	ON SCHEDULE >4	
20063	645	10846	536	WR	XFR - 17th Street 138/69 kV second transformer UPDATED	regional reliability	06/01/13	06/01/10	11/02/09	\$2,400,000		24 months	DELAY - MITIGATION	Close the normally open switch (69-11) on the Hoover-Cowskin 69 kV line.
20033	534	10679	536	WR	XFR - Halstead South 138/69 kV #1	regional reliability	06/01/14	06/01/14	01/27/09	\$1,400,000		24 months	ON SCHEDULE >4	
20033	652	10857	536	WR	Line - Hutchinson Energy Center - Huntsville 115 kV Rebuild	regional reliability	06/01/15	06/01/15	01/27/09	\$12,487,500		36 months	ON SCHEDULE >4	
20033	169	10218	536	WR	Line - Chapman - Clayton Center 115 kV Uprate	regional reliability	06/01/17	06/01/17	01/27/09	\$10,000		12 months	ON SCHEDULE >4	Model error.
20059	182	10231	536	WR	Line - Chase - White Junction 69 kV	regional reliability	12/01/12	06/01/10	09/18/09	\$5,184,701		12 months	DELAY - MITIGATION	Run generation at Augusta
20059	30228	50235	536	WR	Line - Chanute Tap - Tioga 69 kV	transmission service	06/01/10	06/01/10	09/18/09	\$115,000		12 months	ON SCHEDULE <4	
20059	30229	50237	536	WR	Line - Coffeyville Tap - Dearing 138 kV CKT 1 WERE #2	transmission service	06/01/10	06/01/10	09/18/09	\$750,000			ON SCHEDULE <4	
20059	30230	50241	536	WR	Line - Neosho - Northeast Parsons 138 kV	transmission service	06/01/11	06/01/11	09/18/09	\$250,000		6 months	ON SCHEDULE <4	
20059	30231	50242	536	WR	Line - Sumner County - Timber Junction 138 kV	zonal reliability	06/01/11	06/01/11	09/18/09	\$9,360,000			ON SCHEDULE <4	Transmission line portion will be complete by 7/1/2010. 69 kV substation and 138-69 kV transformer will be in service 6/1/2011.
20059	30224	50238	536	WR	Line - Green - Vernon 69 kV	transmission service	12/01/10	07/01/10	09/18/09	\$4,000,000		18 months	DELAY - MITIGATION	Redispatch generation pursuant to Transmission Service Agreement
20059	30224	50245	536	WR	Line - Vernon - Athens 69 kV	transmission service	07/01/11	01/01/11	09/18/09	\$2,600,000		18 months	DELAY - MITIGATION	Redispatch generation pursuant to Transmission Service Agreement
20059	30224	50232	536	WR	Line - Athens - Owl Creek 69 kV	transmission service	12/31/11	04/01/11	09/18/09	\$1,600,000		18 months	DELAY - MITIGATION	Redispatch generation pursuant to Transmission Service Agreement
20059	30224	50239	536	WR	Line - Lehigh Tap - Owl Creek 69 kV	transmission service	12/01/11	12/01/11	09/18/09	\$3,811,500		18 months	ON SCHEDULE <4	
20059	30224	50228	536	WR	Line - Allen - Lehigh Tap 69 kV	transmission service	06/01/12	06/01/12	09/18/09	\$2,560,500		12 months	ON SCHEDULE <4	
20059	30224	50240	536	WR	Line - Lehigh Tap - United No. 9 Conger 69 kV	transmission service	11/01/13	11/01/13	09/18/09	\$593,775		12 months	ON SCHEDULE >4	
20059	30224	50234	536	WR	Line - Burlington Junction - Wolf Creek 69 kV	transmission service	01/01/13	01/01/13	09/18/09	\$1,945,000		24 months	ON SCHEDULE >4	
20059	30224	50233	536	WR	Line - Burlington Junction - Coffey County No. 3 Westphalia 69 kV	transmission service	07/01/13	07/01/13	09/18/09	\$3,340,000		24 months	ON SCHEDULE >4	
20059	30224	50236	536	WR	Line - Coffey County No. 3 Westphalia - Green 69 kV	transmission service	04/01/14	04/01/14	09/18/09	\$4,249,000		24 months	ON SCHEDULE >4	
20063	563	10713	536	WR	Multi - Litchfield - Aquarius - Hudson Jct. 69 kV Uprate	regional reliability	06/01/14	06/01/13	11/02/09	\$75,000		12 months	ON SCHEDULE >4	The project is needed at an earlier in service date than previous NTC identified.
20063	664	10870		WR	536_WERE_Gill - Waco 138kV.idv06/01/12	regional reliability	06/01/12	6/1/2010	11/02/09	1,000,000		12 months	ON SCHEDULE <4	

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SPP 1st Quarter 2010 Project Tracking List - Devices

COMPLETE	Complete.
ON SCHEDULE <4	On Schedule 4 Year Horizon.
ON SCHEDULE >4	On Schedule beyond 4 Year Horizon.
DELAY - MITIGATION	Behind schedule, interim mitigation provided or project may change but time permits the implementation of project.
RE-EVALUATION	Behind schedule, require re-evaluation due to anticipated load forecast changes.
DELAY- NO MITIGATION	Delayed beyond the RTO Determined need date and no mitigation plan provided
\$ / months	Project lead time and cost estimated by SPP staff

Project types "zonal-sponsored" and "regional reliability - non OATT" do not receive NTCs and are not filed at FERC but are being tracked because they are expected to be built in the near term

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
	30029	50035	520	AEP	Figure Five	zonal - sponsored	10/25/09			\$873,000			COMPLETE	AEP tasks completed 10/25/2009. AECC still has Distribution work to complete.
	30070	50076	520	AEP	Sugar Loaf	zonal - sponsored	12/01/12			\$500,000			ON SCHEDULE <4	
	30170	50178	520	AEP	Delivery point- Hull	zonal - sponsored	09/18/09			\$654,000		15 months	COMPLETE	AEP tasks completed 9/18/2009. AECC still has Distribution work to complete.
	30085	50091	546	CUS	Device - Mentor Substation	zonal - sponsored	09/25/09			\$1,800,000		24 months	COMPLETE	Completed 9/25/2009.
20036	30067	50073	544	EDE	Device - Quapaw Cap 69 kV	regional reliability	12/01/09	06/01/18	01/27/09	\$1,500,000		18 months	ON SCHEDULE <4	Project under study. Will be complete once 2008 series models are released. Distribution transformer taps to be adjusted accordingly to serve load adequately until the project can be implemented/energized.
20010	30078	50084	544	EDE	Device - Riverside Sub Cap 161kV	zonal reliability	12/01/10	06/01/09	02/13/08	\$2,600,000		24 months	DELAY - MITIGATION	Project under study, will be complete once 2008 series models are released. Dist. Xfmr taps to be adjusted accordingly to serve load adequately until the project can be implemented/energized
20034	30076	50082	540	GMO	Device - Warsaw 2 69 kV Capacitor	regional reliability		06/01/13	01/27/09	\$409,900		12 months	ON SCHEDULE >4	Believe this violation caused by model error, incorrect transformer tap setting; have requested this NTC not be included in 2009 STEP. No mitigation plan is needed in near-term.
20034	30174	50182	540	GMO	Device - Craig 69 kV Capacitor	regional reliability		06/01/09	01/27/09	\$350,000		12 months	DELAY - MITIGATION	Believe this violation caused by model error, incorrect transformer tap setting; have requested this NTC not be included in 2009 STEP. No mitigation plan is needed in near term.
20053	30220	50224	540	GMO	Device - Blue Springs East 161 kV Capacitor	regional reliability	06/01/11	06/01/11	09/18/09	\$1,400,000		18 months	ON SCHEDULE <4	project not budgeted; mitigation plan will run Greenwood generation for var support.
20053	30221	50225	540	GMO	Device - Ralph Green 161 kV Capacitor	regional reliability	06/01/10	06/01/10	09/18/09	\$486,000		12 months	ON SCHEDULE <4	project not budgeted; mitigation plan will run Ralph Green generation for var support.
20028	30072	50078	523	GRDA	Device - Afton Cap 69 kV	regional reliability	06/01/10	06/01/09	01/27/09	\$800,000		18 months	DELAY - MITIGATION	This voltage violation is at an NEO/REC substation that is on the end of a NEO/REC radial line out of the Afton substation. In the event of a voltage violation that cannot be mitigated with regulators we would shed this load. This project will be deferred because the violations occurred in models that didn't use system transformer LTCs, when voltage regulation is utilized it defers this project.
20028	30074	50080	523	GRDA	Device - Tahlequah West 69 Cap kV	regional reliability	07/01/12	06/01/09	01/27/09	\$779,000		12 months	DELAY - MITIGATION	Replaces Tahlequah City#1 and City #2 Cap 69. In the event of a contingency that caused a true voltage violation which regulators would not mitigate we would shed load in the city of Talequah. This project will be deferred because the violations occurred in models that didn't use system transformer LTCs, when voltage regulation is utilized it defers this project.
20001	30086	50092	523	GRDA	Device - Jay Cap 69 kV	regional reliability	06/01/11	06/01/11	02/13/08	\$800,000		18 months	ON SCHEDULE <4	This project will be deferred because the violations occurred in models that didn't use system transformer LTCs, when voltage regulation is utilized it defers this project.
	30171	50179	523	GRDA	Device - Chelsea 69 kV Cap	zonal - sponsored	10/15/09			\$586,000		12 months	ON SCHEDULE <4	Project delayed. Probable Fall 2009 completion
20028	30177	50185	523	GRDA	Device - Tahlequah West #2 Capacitor	regional reliability		06/01/13	01/27/09	\$291,600		12 months	ON SCHEDULE >4	GRDA is requesting that this project is removed and will be replaced by an AECI/KAMO 161/69 Xfmr and new 69 kV line wich will terminate at Peggs.
20009	30077	50083	541	KCPL	Device - Craig Cap 161 kV	zonal reliability	06/01/10	06/01/08	02/13/08	\$1,057,630		12 months	DELAY - MITIGATION	project on schedule for 6/1/10 in-service date
20051	30217	50221	541	KCPL	Device - Craig 161 kV Capacitor	transmission service	06/01/11	06/01/11	09/18/09	\$50,000		18 months	ON SCHEDULE <4	project not budgeted; mitigation plan will change summer transformer taps to 0.975 tap.
20032	30176	50184	531	MIDW	Device - Kinsley Capacitor 115 kV	regional reliability	06/01/11	06/01/11	01/27/09	#REF!		18 months	ON SCHEDULE <4	Total MVAR will be distributed to two locations. N Kinsley & Pawnee substations.
20007	30061	50067	539	MKEC	Device - Pratt Cap 115 kV	regional reliability	03/01/10	06/01/08	02/13/08	\$1,350,000			DELAY - MITIGATION	Construction has been started. Mitigation is to have City of Pratt generate to raise voltage.
20054	30062	50068	539	MKEC	Device - Harper Cap 138 kV	regional reliability	05/01/10	10/01/09	02/13/08	\$1,100,000		12 months	DELAY - MITIGATION	Construction has been started. Mitigation is to adjust the LTC on the Medicine Lodge 138/115 kV transformer, adjust generation at Fort Dodge, and request SPS to adjust the flow on the Texas Co Phase shifter.
20007	30090	50096	539	MKEC	Device - Russell 115 kV	regional reliability	06/01/11	06/01/11	02/13/08	\$750,000		12 months	ON SCHEDULE <4	Currently in engineering design and cost review. Request City of Russell to generate to raise voltage.
20007	30098	50104	539	MKEC	Device - Plainville Cap 115 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$1,500,000		12 months	ON SCHEDULE <4	Engineering esign to begin in 4th quarter of 2010. Construction to begin first quarter of 2011.

NTC_ID	PID	UID	Area	Project Owner	Project Name	Project Type	Project Owner Indicated In-Service Date	RTO Determined Need Date	Letter of Notification to Construct Issue Date	Current Cost Estimate	Final Cost	Project Lead Time	Project Status	Project Status Comments
	304	50148	524	OGE	Device - Madill Industrial 138 kV	zonal - sponsored	03/01/11			\$264,000		12 months	ON SCHEDULE <4	Part of multi-upgrade project for new arc furnace near Arbuckle (See branch tab for more details and cost estimate)
20058	30104	50110	534	SEPC	Device - N Cimarron 115 kV	regional reliability	06/01/12	06/01/12	09/18/09	\$1,000,000		18 months	ON SCHEDULE <4	
19985	30012	50018	525	WFEC	Device - Rush Springs 69 kV	regional reliability	11/01/08	06/01/06	02/02/07	\$90,000		8 months	COMPLETE	
20003	30036	50042	525	WFEC	Device - Marietta Cap 138 kV	regional reliability	11/01/08	06/01/08	02/13/08	\$675,000		12 months	COMPLETE	
20003	30037	50043	525	WFEC	Device - Sweet Water Cap 69 kV	regional reliability	03/01/08	06/01/08	02/13/08	\$243,000		10 months	COMPLETE	
20030	30039	50045	525	WFEC	Device - Esquandale Cap 69 kV	regional reliability	06/01/14	06/01/14	01/27/09	\$243,000		12 months	ON SCHEDULE >4	WFEC will move ahead line project: Cache to Grandfield to mitigate voltage problem. Short term mitigation until line can be built will be transferring load from Hulen Substation to Empire and Duncan Substations
19985	30041	50047	525	WFEC	Device - Comanche	regional reliability	06/01/12	06/01/12	02/02/07	\$350,000		12 months	ON SCHEDULE <4	Shed load at Loco Substation (up to 3.5MW in 2007 Summer Peak) Shed load at Empire Substation (up to 5MW in 2007 Summer Peak). MW values mentioned are typical for a Summer Peak case. Mitigation Plan under review by SPP staff.
20003	30043	50049	525	WFEC	Device - Twin Lakes Cap 69 kV	regional reliability	06/01/08	06/01/08	02/13/08	\$108,000			COMPLETE	Replaces Cashion cap, which received an LOA on 2/7/07
20003	30044	50050	525	WFEC	Device - Gypsum Cap 69 kV	regional reliability	04/01/09	04/01/08	02/13/08	\$150,000		12 months	COMPLETE	
20003	30079	50085	525	WFEC	Device - Carter Cap 69 kV	regional reliability	06/01/10	06/01/10	02/13/08	\$324,000		12 months	ON SCHEDULE <4	
20003	30093	50099	525	WFEC	Device - Latta Cap 138 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$324,000		12 months	ON SCHEDULE <4	
20003	30094	50100	525	WFEC	Device - Mustang Cap 69 kV	regional reliability	06/01/12	06/01/12	02/13/08	\$162,000		12 months	ON SCHEDULE <4	
20030	30172	50180	525	WFEC	Device Eagle Chief 69 kV Capacitor	regional reliability	06/01/10	06/01/09	01/27/09	\$300,000		12 months	DELAY - MITIGATION	Mitigation: Temporary Op Guide provided.
20030	30178	50186	525	WFEC	Device - Electra 69 kV Capacitor	regional reliability	06/01/13	06/01/13	01/27/09	\$240,000		12 months	ON SCHEDULE >4	
19986	30023	50029	536	WR	Device - Parsons	regional reliability	01/07/08	06/01/07	02/02/07	\$949,847		14 months	COMPLETE	
20006	30056	50062	536	WR	Device - Seneca Cap 115 kV	zonal reliability	12/01/09	06/01/08	02/13/08	\$588,600		18 months	COMPLETE	Second capacitor bank identified for addition of TransCanada load. Required by summer 2010. Addition of Knob Hill - Steele City 115 kV identified for TransCanada. Capacitor bank will be installed at TransCanada. 15 Mvar capacitor bank is installed.
19986	30057	50063	536	WR	Device - Nortonville 69 kV Cap	regional reliability	06/01/10	06/01/07	02/02/07	\$715,000		18 months	DELAY - MITIGATION	Interim mitigation is to move 3 MW off us Muscotah by re-switching the 34.5 kV system.
20033	30060	50066	536	WR	Device - Sunset 69 kV Capacitor	zonal reliability	12/01/09	06/01/09	01/27/09	\$1,220,913		18 months	COMPLETE	
19986	30082	50088	536	WR	Device - 3rd & VanBuren	regional reliability	06/01/10	06/01/11	02/02/07	\$500,000		18 months	ON SCHEDULE <4	
20006	30096	50102	536	WR	Device - Eudora Cap 115 kV	zonal reliability	06/01/12	06/01/12	02/13/08	\$580,000		18 months	ON SCHEDULE <4	
20006	30105	50111	536	WR	Device - Springhill Cap 115 kV	zonal reliability	06/01/13	06/01/13	02/13/08	\$1,000,000		18 months	ON SCHEDULE >4	
20033	30128	50134	536	WR	Device - Rock Creek 69 kV Capacitor	zonal reliability	06/01/12	06/01/09	01/27/09	\$427,000		18 months	RE-EVALUATION	Project is being re-evaluated due to load shifting between substations.
20033	30173	50181	536	WR	Device - Walnut Street Capacitor	zonal reliability	12/01/09	06/01/09	01/27/09	\$580,000		18 months	ON SCHEDULE <4	Current plan is to place in service last quarter of 2009.
20059	30225	50229	536	WR	Device - Allen 69 kV Capacitor	transmission service	06/01/12	06/01/12	09/18/09	\$607,500		12 months	ON SCHEDULE <4	
20059	30226	50230	536	WR	Device - Altoona East 69 kV Capacitor	transmission service	06/01/14	06/01/14	09/18/09	\$607,500		18 months	ON SCHEDULE >4	
20059	30227	50231	536	WR	Device - Athens 69 kV Capacitor	transmission service	06/01/13	06/01/13	09/18/09	\$607,500		12 months	ON SCHEDULE >4	
20059	30232	50243	536	WR	Device - Timber Jct 138 kV Capacitor	transmission service	06/01/11	06/01/11	09/18/09	\$1,215,000			ON SCHEDULE <4	15 Mvar on 138 kV and 15 Mvar on 69 kV
20059	30233	50244	536	WR	Device - Tioga 69 kV Capacitor	transmission service	06/01/11	06/01/11	09/18/09	\$607,500		12 months	ON SCHEDULE <4	