

					Multiyear PPL - 2011-2015								2011			2012			2013		2014		2015		2011 Variance Calculations (Funding less Spend Forecast)				
					View/Print Options			2012 Release Calendar		Project Categories		Sum of Budgets	Funding Level	Spend Forecast	Sum of Budgets	Funding Level	Spend Forecast	Sum of Budgets	Funding Level	Sum of Budgets	Funding Level	Sum of Budgets	Funding Level						
					Show 2013-2015 (S-X)			R1 -- 2/22 - 2/26		Stabilization		\$23,400,000	\$25,191,000	\$24,300,000														Stabilization	\$891,000
					Show Description (AB)			R2 -- 4/25 - 4/29		Regulatory		\$433,195		\$369,496	\$1,732,022		\$1,732,022	\$0		\$0		\$0							
					Show Prioritization History (B-D)			R3 -- 6/24 - 6/27		Business Strategy		\$3,390,358		\$2,797,574	\$7,631,677		\$7,631,677	\$9,002,000		\$3,000,000		\$0							
								R4 -- 8/26 - 8/29		Efficiencies / Enhancements		\$1,394,175		\$791,761	\$2,237,424		\$2,237,424	\$3,847,000		\$250,000		\$250,000							
								R5 -- 10/21 - 10/24		Technical Foundation		\$32,083,127		\$28,248,184	\$6,066,770		\$6,066,770	\$10,260,673		\$6,779,182		\$10,200,000							
Note: Print is very small if all above items are displayed					R6 -- 12/5 - 12/9		PPL Totals		\$37,300,855	\$36,364,000	\$32,207,015	\$17,667,893	\$15,000,000	\$17,667,893	\$23,109,673	TBD	\$10,029,182	TBD	\$10,450,000	TBD	PPL Totals	\$4,156,985							
Project Category	Priority	Rank	Source Doc	Approval Status	Project Number	Project Name	2012 Release	Project Status	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Budget	Budget Range	Budget	Budget Range	Projected Start Date	Projected End Date	Source						
Business Strategy	2011	1		PPL	50088_01	Data Research and Reporting	n/a	Execution		\$500k-\$1M											Nov 2006	Sept 2011	ERCOT						
Business Strategy	2011	2		PPL	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	R2 off-cycle	Execution					\$60k-\$75k								July 2011	Apr 2012	ERCOT						
Business Strategy	2011	3		PPL	10031_01	Enterprise Records Management Automation (ERMA)	n/a	Complete		<\$50k											Jan 2010	June 2011	ERCOT						
Business Strategy	2011	4		PPL	002_01	Impact Assessment Labor Funds	n/a	Closing		\$98k-\$100k											Apr 2011	Oct 2011	ERCOT						
Business Strategy	2012	10	NPRR294	PPL	11002_01	Texas SET 4.0	R3 off-cycle	Execution		\$1M-\$2M		\$600k-\$700k									Feb 2011	June 2012	PUCT / Market						
Business Strategy	2012	20	SCR760	PPL	SCR760	Recommended Changes Needed for Information Model Mgr and Topology Processor for Planning Models	R1, R3	Execution				\$500k-\$600k									Apr 2011	June 2012	Market						
Business Strategy	2012	30		PPL	006_01	Cyber Security Project #1	R2	Planning		\$500k-\$1M		\$90k-\$110k									May 2011	Apr 2012	ERCOT						
Business Strategy	2012	40		PPL	005_01	Cyber Security Project #2	R2	Planning		\$250k-\$500k		<\$5k									May 2011	Apr 2012	ERCOT						
Business Strategy	2012	50	NPRR365	PPL	NPRR365	Change in Resource Outage Approvals from Eight to 90 Days	R4	Not Started				\$15k-\$20k									Jan 2012	Aug 2012	ERCOT						
Business Strategy	2012	60	NPRR348	PPL	NPRR348	Generation Resource Start-Up and Shut-Down Process	R3	Not Started				\$80k-\$85k									Jan 2012	June 2012	ERCOT						
Business Strategy	2012	70	NPRR322	PPL	NPRR322	Real-Time PTP Option Modeling	R1	Not Started				\$100k-\$105k									Nov 2011	Feb 2012	Market						
Business Strategy	2012	80		PPL		TSAT Wind Model	R5	Not Started				\$100k-\$200k									Feb 2012	Oct 2012	ERCOT						
Business Strategy	2012	90	PRR830 / NPRR269	PPL	PRR830 / NPRR269	Reactive Power Capability Requirement	TBD	Not Started				\$250k-\$450k									TBD	TBD	ERCOT						
Business Strategy	2012	100		PPL	012_01	Demand Response (Look Ahead SCED)	R3	Planning		\$60k-\$75k		\$500k-\$750k		\$5,000,000	\$4M-\$6M						Sept 2011	June 2012	ERCOT						
Business Strategy	2012	100	NPRR351	Pending Board Approval	NPRR351	Calculate and Post Projected Non-Binding LMPs for the Next 15 Minutes	TBD	Not Started														TBD	TBD	Market					
Business Strategy	2012	110		PPL		Facilities Project	n/a	Not Started				\$1M-\$2M										TBD	TBD	ERCOT					
Business Strategy	2012	120		PPL		Cyber Security Project #4	R6	Not Started				\$500k-\$750k									Apr 2012	Dec 2012	ERCOT						
Business Strategy	2012	130		PPL		Cyber Security Project #5	R6	Not Started				\$500k-\$1M									Apr 2012	Dec 2012	ERCOT						
Business Strategy	2012	140	NPRR260	Pending Board Approval	NPRR260	Providing Access to MIS Secure Area to MIS Registered Users	R5	Not Started				\$100k-\$200k									Mar 2012	Oct 2012	Market						
Business Strategy	2012	150	SCR756	PPL	010_01	MarkeTrak Enhancements for 4.0	R3 off-cycle	Execution		\$400k-\$425k		\$275k-\$325k									July 2011	June 2012	PUCT / Market						
Business Strategy	2012	155	SCR756	PPL		MarkeTrak Upgrade and Enhancements (Phase 2)	TBD	Not Started				\$500k-\$600k									TBD	TBD	Market						
Business Strategy	2012	160		PPL		Planning Site Transition to MIS	R6	Not Started				\$80k-\$120k									July 2012	Dec 2012	ERCOT						
Business Strategy	2012	170	NPRR222	PPL	NPRR222	Half Hour Start Unit RUC Clawback	R5	Not Started				\$15k-\$20k									Aug 2012	Oct 2012	Market						
Business Strategy	2012	180		PPL		Cyber Security Project #6	R3	Not Started				\$200k-\$250k									Apr 2012	June 2012	ERCOT						
Business Strategy	2012	190	NPRR326	PPL	013_01	Adjust the Calculation of the Real-Time Settlement Point Price for a Resource Node	R1	Planning		\$4k-\$6k		\$13k-\$16k									Jan 2012	Feb 2012	ERCOT						
Business Strategy	2012	200	NPRR272	PPL	NPRR272	Definition and Participation of Quick Start Generation Resources	R5	Not Started				\$145k-\$160k									Aug 2012	Oct 2012	Market						
Business Strategy	2012	210	NPRR207	PPL	NPRR207	Unit Deselection	R5	Not Started				\$50k-\$55k									Aug 2012	Oct 2012	Market						
Business Strategy	2012	220	SCR761	PPL	SCR761	Provide Price Replication Notifications via API and Provide Price Corrections via XML	R1	Execution				\$10k-\$15k									Aug 2011	Feb 2012	Market						
Business Strategy	2012	230	NPRR321	PPL	013_01	Allow Change to Energy Offer Curve MW Amounts in the Adjustment Period for Qualifying Facilities	R1	Planning		\$10k-\$12k		\$40k-\$48k									Nov 2011	Feb 2012	Market						

Project Category	Priority	Rank	Source Doc	Approval Status	Project Number	Project Name	2012 Release	Project Status	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Budget	Budget Range	Budget	Budget Range	Projected Start Date	Projected End Date	Source
Business Strategy	2012	240	NPRR379	PPL	NPRR379	EILS Dispatch Sequence and Performance Criteria Upgrades	R5	Not Started					\$55k-\$65k								Aug 2012	Oct 2012	ERCOT
Business Strategy	2012	250	NPRR314	PPL	NPRR314	Requirement to Post Generation Resources Temporal Constraints	R2	Not Started					\$32k-\$39k								Feb 2012	Apr 2012	Market
Business Strategy	2012	260	NPRR395	Pending Board Approval	NPRR395	CRR Auction Offer Award Disclosure	TBD	Not Started													TBD	TBD	Market
Business Strategy	2012	270	NPRR357	PPL	NPRR357	Revisions to Collateral Requirements Concerning CRR Auctions	R3	Not Started					\$95k-\$105k								Jan 2012	June 2012	Market
Business Strategy	2012	280	NPRR313	PPL	NPRR313	Updating the Term Resource Plan to Current Operating Plan / Availability Plan	R2	Not Started					\$80k-\$85k								Feb 2012	Apr 2012	Market
Business Strategy	2012	290	NPRR354	PPL	NPRR354	Revisions to Non-Spin Performance Criteria Language and Provision for ICCP Telemetry of Non-Spin Deployment	R3	Not Started					\$100k-\$110k								Jan 2012	June 2012	Market
Business Strategy	2012	300	NPRR355	PPL	013_01	Adjust the Calculation of the Real-Time Settlement Point Price for a Load Zone	R1	Planning		\$5k-\$6k			\$50k-\$60k								Dec 2011	Feb 2012	ERCOT
Business Strategy	2012	310	NPRR360	PPL	NPRR360	Summary Report of HDL and LDL	R5	Not Started					\$30k-\$35k								May 2012	Oct 2012	Market
Business Strategy	2012	320	NPRR382	PPL	NPRR382	Verbal RUC Committed or Decommitted Resources Report	R3	Not Started					\$25k-\$30k								Mar 2012	June 2012	Market
Business Strategy	2012	330	NPRR383	PPL	NPRR383	Unconfirmed Trades Reports	R3	Not Started					\$25k-\$30k								Mar 2012	June 2012	Market
Business Strategy	2012	340	NPRR359	PPL	NPRR359	Monthly TDSP Load Report	R3	Not Started					\$15k-\$20k								Mar 2012	June 2012	Market
Business Strategy	2012	350	NPRR361	PPL	NPRR361	Real-Time Wind Power Production Data Transparency	R2	Not Started					\$10k-\$15k								Jan 2012	Apr 2012	Market
Business Strategy	2012	360	NPRR377	Pending Board Approval	NPRR377	Alternate Inputs to Base Point Deviation Charge	TBD	Not Started													TBD	TBD	ERCOT
Business Strategy	2013	370		PPL		Certified Data Product Subscription Standardization	n/a	Not Started							\$100,000	\$100k-\$250k					TBD	TBD	ERCOT
Business Strategy	2013	380		PPL		EPS Metering DB Redesign	n/a	Not Started							\$360,000	\$250k-\$500k					TBD	TBD	ERCOT
Business Strategy	2013	390	NPRR181	Pending TAC Approval	NPRR181	FIP Definition Revision	n/a	Not Started							\$210,000	\$100k-\$250k					TBD	TBD	Market
Business Strategy	2013	400	NPRR210	PPL	NPRR210	Wind Forecasting Change to P50, Sync with PRR841	n/a	Not Started							\$50,000	\$50k-\$100k					TBD	TBD	Market
Business Strategy	2013	410	NPRR241	PPL	NPRR241	AIL Calculation & Credit Reports Publish Corrections	n/a	Not Started							\$120,000	\$100k-\$250k					TBD	TBD	Market
Business Strategy	2013	420	NPRR256	PPL	NPRR256	Sync with PRR787, Add Non-Compliance Language to QSE	n/a	Not Started							\$135,000	\$100k-\$250k					TBD	TBD	Market
Business Strategy	2013	430	NPRR240	PPL	NPRR240	Proxy Energy Offer Curve	n/a	Not Started							\$27,000	<\$50k					TBD	TBD	Market
Business Strategy	2013	440		PPL		Incremental Update Capability - Phase 2	n/a	Not Started							\$2,000,000	\$2M-\$4M	\$2,000,000	\$2M-\$4M			TBD	TBD	ERCOT
Business Strategy	2013	450		PPL		MP Online Data Entry - Ph 2	n/a	Not Started							\$1,000,000	\$1M-\$2M					TBD	TBD	ERCOT
Business Strategy	2014	460		PPL		MP Online Data Entry - Ph 3	n/a	Not Started									\$1,000,000	\$1M-\$2M			TBD	TBD	ERCOT
Business Strategy	2012	470	NPRR315	Rejected by TAC	NPRR315	Revision of Responsive Reserve Measure to High Emergency Limit	TBD	Not Started													TBD	TBD	Market
Business Strategy	2012	480	NPRR327	Pending PRS Approval	NPRR327	State Estimator Data Redaction Methodology	TBD	Not Started													TBD	TBD	Market
Business Strategy	2012	490	NPRR334	Pending TAC Approval	NPRR334	Incorporate Resource Limit for the Amount of Regulation Service that may be Provided from a Generation Resource During any Operating Hour	TBD	Not Started													TBD	TBD	Market
Business Strategy	2012	500	NPRR340	Pending TAC Approval	NPRR340	Introduction and Definition of Duration-Limited Resources	TBD	Not Started													TBD	TBD	Market
Business Strategy		520	NPRR381	Pending PRS Approval	NPRR381	Registration Requirements for Interconnecting Entities	TBD	Not Started													TBD	TBD	ERCOT
Business Strategy		530	NPRR385	Pending PRS Approval	NPRR385	Security Violation Analysis and Reporting and Negative Price Floor	TBD	Not Started													TBD	TBD	Market
Business Strategy		540	NPRR393	Pending PRS Approval	NPRR393	SCED Constraint Management Transparency	TBD	Not Started													TBD	TBD	Market
Business Strategy		550	NPRR419	Pending PRS Approval	NPRR419	Revise Real-Time Energy Imbalance and RMR Adjustment Charge	TBD	Not Started													TBD	TBD	ERCOT
Business Strategy		560	NPRR425	Pending PRS Approval	NPRR425	Creation of a Wind Resource Group for GREDP and Base Point Deviation Evaluation	TBD	Not Started													TBD	TBD	ERCOT
Business Strategy		570	SCR767	Pending PRS Approval	SCR767	Non-Spin Deployment Criteria	TBD	Not Started													TBD	TBD	ERCOT
Business Strategy		580	SCR768	Pending PRS Approval	SCR768	Automatic Non-Spin Redeployment and Deployment Based on Resource Availability	TBD	Not Started													TBD	TBD	ERCOT
Efficiencies / Enhancements	2011	1		PPL	004_01	Cyber Security Project #3	R1	Planning		\$250k-\$500k											Apr 2011	Feb 2012	ERCOT

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Efficiencies / Enhancements	2011	2		PPL	007_01	Cyber Security Facilities Remodeling	n/a	Execution		\$200k-\$250k											June 2011	TBD	ERCOT
Efficiencies / Enhancements	2011	3		PPL	007_01	Human Resources Facilities Remodeling	n/a	Execution		\$200k-\$250k											June 2011	TBD	ERCOT
Efficiencies / Enhancements	2011	4		PPL	008_01	Shipping/Receiving Remodeling	n/a	Execution		\$200k-\$250k											June 2011	TBD	ERCOT
Efficiencies / Enhancements	2011	5		PPL	015_01	Outage Capacity Calculation Tool	TBD	Planning		\$15k-\$25k			\$30k-\$50k								Nov 2011	TBD	ERCOT
Efficiencies / Enhancements	2012	10		PPL		Incremental Update Capability - Phase 1	n/a	Not Started				\$100k-\$160k									Dec 2011	TBD	ERCOT
Efficiencies / Enhancements	2012	20		PPL		MP Online Data Entry - Ph 1	R6	Not Started				\$750k-\$850k									TBD	Dec 2012	ERCOT
Efficiencies / Enhancements	2012	30		PPL		CMS and MIR Replacement	R6	Not Started		\$200k-\$250k			\$200k-\$300k		\$750,000	\$500k-\$1M					Jan 2012	Dec 2012	ERCOT
Efficiencies / Enhancements	2012	40		PPL		ERCOT Website Enhancements - 2012	R1, R2, R3, R4, R5, R6	Not Started					\$250k-\$300k								Jan 2012	Dec 2012	ERCOT
Efficiencies / Enhancements	2012	50		PPL		Macomber Map NERC SA/Compliance Enhancements	R6	Not Started					\$250k-\$300k								Jan 2012	Dec 2012	ERCOT
Efficiencies / Enhancements	2012	60		PPL		IGRID Implementation	R2	Not Started					\$30k-\$50k								Jan 2012	Apr 2012	ERCOT
Efficiencies / Enhancements	2012	70		PPL		Contingency Functionality Enhmts.	n/a	Not Started					\$30k-\$50k								TBD	TBD	ERCOT
Efficiencies / Enhancements	2012	80		PPL		SMTNET Improvements	R5	Not Started					\$40k-\$60k								Feb 2012	Oct 2012	ERCOT
Efficiencies / Enhancements	2012	90		PPL		MP Communications Tool	TBD	Not Started					\$50k-\$75k								TBD	TBD	ERCOT
Efficiencies / Enhancements	2012	100		PPL	011_01	ERCOT Mobile	TBD	Planning		\$15k-\$20k			\$120k-\$140k								Nov 2011	TBD	ERCOT
Efficiencies / Enhancements	2012	110		PPL		OA Grid Health Operator View	R4	Not Started					\$30k-\$50k								Jan 2012	Aug 2012	ERCOT
Efficiencies / Enhancements	2013	120		PPL		Secure File Transfer	n/a	Not Started							\$50,000	\$50k-\$100k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	130		PPL		EMIL and View by Protocol Enhancements	n/a	Not Started							\$100,000	\$100k-\$250k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	140		PPL		Replace N2N System	n/a	Not Started							\$52,000	\$50k-\$100k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	150		PPL		Contract Mgmt Software	n/a	Not Started							\$175,000	\$100k-\$250k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2012	155		PPL	016_01	ADP-IDM Interface	TBD	Planning		\$20k-\$30k			\$100k-\$120k								Nov 2011	TBD	ERCOT
Efficiencies / Enhancements	2013	160		PPL		Voice Analytics	n/a	Not Started							\$170,000	\$100k-\$250k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	170		PPL		Control Room AV Wall Upgrade	n/a	Not Started							\$1,600,000	\$1M-\$2M					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	180		PPL		Control Room Console Upgrade	n/a	Not Started							\$300,000	\$250k-\$500k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	190		PPL		Control Room Electrical/Mechanical Upgrade	n/a	Not Started							\$300,000	\$250k-\$500k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	200		PPL		OTS Enhancements	n/a	Not Started							\$100,000	\$100k-\$250k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2013	210		PPL		ERCOT Website Enhancements - 2013	n/a	Not Started							\$250,000	\$250k-\$500k					TBD	TBD	ERCOT
Efficiencies / Enhancements	2014	220		PPL		ERCOT Website Enhancements - 2014	n/a	Not Started									\$250,000	\$250k-\$500k			TBD	TBD	ERCOT
Efficiencies / Enhancements	2015	230		PPL		ERCOT Website Enhancements - 2015	n/a	Not Started										\$250,000	\$250k-\$500k		TBD	TBD	ERCOT
Regulatory	2012	10		PPL		CTFC Compliance	TBD	Not Started		<\$50k			\$150k-\$250k								TBD	TBD	ERCOT
Regulatory	2012	10	NPRR347 NPRR400	PPL	014_01	Implementation of NPRR347 and NPRR400	TBD	Initiation		<\$50k			\$660k-\$715k								Nov 2011	TBD	ERCOT
Regulatory	2012	20		PPL	009-01	Compliance Software Tool	R1	Execution		\$375k-\$425k			\$110k-\$140k								July 2011	Feb 2012	ERCOT
Regulatory	2012	30		PPL		REC Enhancements	n/a	Not Started					\$500k-\$1M								TBD	TBD	PUCT
Stabilization	2011	3		Post Go-Live	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	R2 off-cycle	Execution		\$80k-\$100k											July 2011	Apr 2012	ERCOT
Stabilization	2011	10		Post Go-Live		Nodal Stabilization	n/a	Execution		\$10M-\$12M											Dec 2010	Dec 2011	Nodal Post Go-Live
Stabilization	2011	20	NPRR302	Post Go-Live	NPRR302	Correct Fuel Type Language for Mitigated Offer Cap	n/a	Complete		<\$5k											Jan 2011	Mar 2011	Market
Stabilization	2011	30		Post Go-Live		Planning Model	n/a	Complete													2010	Apr 2011	Nodal Post Go-Live
Stabilization	2011	40	SCR760	Post Go-Live	SCR760	Recommended Changes Needed for Information Model Mgr and Topology Processor for Planning Models	n/a	Execution		\$500k-\$600k											Apr 2011	June 2012	Market
Stabilization	2011	50	NPRR258	Post Go-Live	NPRR258	Sync with PRR824 and PRR833	n/a	Complete		\$55k-\$60k											Aug 2011	Oct 2011	Parking Deck

Project Category	Priority	Rank	Source Doc	Approval Status	Project Number	Project Name	2012 Release	Project Status	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Budget	Budget Range	Budget	Budget Range	Projected Start Date	Projected End Date	Source
Stabilization	2011	60	NPRR329	Post Go-Live	NPRR329	Security Classification Changes for Extracts/Reports	n/a	Complete		\$5k-\$10k											Apr 2011	May 2011	Market
Stabilization	2011	70	SCR764	Post Go-Live	SCR764	Public Access to Select MIS Dashboards	n/a	Execution		\$80k-\$125k											June 2011	Dec 2011	Market
Stabilization	2011	80	NPRR350	Post Go-Live	NPRR350	Change to the Security Classification of the System Ancillary Service Capacity Monitor Dashboard	n/a	Complete		\$5k-\$10k											June 2011	Aug 2011	Market
Stabilization	2011	90	SCR765	Post Go-Live	SCR765	Public Aggregated Wind Dashboard	n/a	Execution		\$37k-\$45k											Aug 2011	Dec 2011	Market
Stabilization	2011	100	NPRR339	Post Go-Live	NPRR339	Modifications to Heuristic Rules to Determine LMP at De-energized Electrical Bus and Treatment of CRR Offers at De-energized Settlement Points	n/a	Complete		<\$100k											June 2011	Sept 2011	ERCOT
Stabilization	2011	110	NPRR285	Post Go-Live	NPRR285	Generation Resource Base Point Deviation Charge Corrections	n/a	Complete		\$30k-\$40k											Apr 2011	May 2011	Market
Stabilization	2011	120	NPRR282	Post Go-Live	NPRR282	Dynamic Ramp Rates Use in SCED	n/a	Complete		\$18k-\$22k											May 2011	July 2011	Market
Stabilization	2011	130		Post Go-Live		Deferred Defects and Workaround Processes	n/a	Execution		\$1.5M-\$2.0M											Dec 2010	Dec 2011	Nodal Post Go-Live
Stabilization	2011	140	NPRR376	Post Go-Live	NPRR376	CRR Volume Limitation Enhancements	n/a	Complete		\$50k-\$55k											July 2011	Sept 2011	Market
Stabilization	2011	150	NPRR307	Post Go-Live	NPRR307	Change SASM Offer Procedures	n/a	Complete		\$10k-\$12k											Apr 2011	May 2011	Market
Stabilization	2011	160	NPRR341	Post Go-Live	NPRR341	Remove Ancillary Service Offers from SASM that do not Meet the Lead Time	n/a	Complete		\$10k-\$15k											June 2011	June 2011	ERCOT
Stabilization	2011	170	NPRR323	Post Go-Live	NPRR323	Correct DAM Credit Exposure Language and Enable Qualified Expiring CRRs to Offset PTP Bid Exposure	n/a	Complete		\$375k-\$475k											Apr 2011	Aug 2011	Market
Stabilization	2011	180	NPRR310	Post Go-Live	NPRR310	Expand Output Schedule Acceptable Range to Include HSL and LSL	n/a	Execution		\$10k-\$15k											Aug 2011	Dec 2011	Market
Stabilization	2011	190	SCR762	Post Go-Live	SCR762	Enable a Single Step Cancel/Resubmit of Trades	n/a	Complete		\$25k-\$30k											Aug 2011	Oct 2011	ERCOT
Stabilization	2011	200	SCR761	Post Go-Live	SCR761	Provide Price Republication Notifications via API and Provide Price Corrections via XML	R1	Execution		\$40k-\$48k											Aug 2011	Feb 2012	Market
Stabilization	2011	210	SCR763	Post Go-Live	SCR763	Modify COP Validation Rule for RRS	n/a	Execution		\$10k-\$15k											Aug 2011	Dec 2011	ERCOT
Stabilization	2011	220	NPRR320	Post Go-Live	NPRR320	Minimum PTP Option Bid and Settlement	n/a	Execution		\$110k-\$120k											June 2011	Nov 2011	Market
Stabilization	2011	230	NPRR290	Post Go-Live	NPRR290	ERCOT Publication of DAM PSS/E Files	n/a	Execution		\$25k-\$30k											July 2011	Dec 2011	Market
Stabilization	2011	240	NPRR343	Post Go-Live	NPRR343	CRR Bid and PTP Obligation Bid Criteria Change	n/a	Execution		\$300k-\$350k											June 2011	Dec 2011	ERCOT
Stabilization	2011	250	NPRR293	Post Go-Live	NPRR293	Requirement to Post PTP Obligation Quantities Awarded in DAM	n/a	Complete		\$12k-\$15k											Apr 2011	May 2011	Market
Stabilization	2011	260	NPRR303	Post Go-Live	NPRR303	Requirement to Post PTP Options Cleared in the DAM or Taken to Real Time	n/a	Complete		<\$5k											Apr 2011	May 2011	Market
Stabilization	2011	270		Post Go-Live		Parking Deck Initiatives	n/a	Execution													Feb 2011	Mar 2012	Nodal Post Go-Live
Stabilization	2011	280	NPRR208	Post Go-Live	NPRR208	Registration & Settlement of Distributed Generation (DG) <1 MW	n/a	Complete		\$5k-\$10k											Apr 2011	Aug 2011	Parking Deck
Stabilization	2011	290	NPRR251	Post Go-Live	NPRR251	Sync PRR845, Definition for IDR Meters and Optional Removal of IDR Meters at a Premise Where an Advanced Meter Can be Provisioned	n/a	Execution		\$10k-\$15k											Sept 2011	Dec 2011	Parking Deck
Stabilization	2011	300	NPRR316	Post Go-Live	NPRR316	Negative Self-Arranged Ancillary Services Quantity	n/a	Execution		\$15k-\$20k											June 2011	Dec 2011	Market
Stabilization	2011	310		Post Go-Live		Decommissioning Efforts	n/a	Execution		\$275k-\$325k											Jan 2011	Dec 2011	Nodal Post Go-Live
Stabilization	2011	320		Post Go-Live		Program Risk Items	n/a	Execution		\$1M-\$2M											Mar 2011	Dec 2011	Nodal Post Go-Live
Stabilization	2011	330		Post Go-Live		Hardware and Software Systems License & Maintenance	n/a	Execution		\$6M-\$7M											Jan 2011	Dec 2011	Nodal Post Go-Live
Stabilization	2011	340	NPRR221	Post Go-Live	NPRR221	Automate Default Invoice	n/a	Complete		\$50k-\$75k											Apr 2011	Aug 2011	ERCOT
Stabilization	2011	350	NPRR338	Post Go-Live	NPRR338	Modifications to Support Revenue Neutrality	n/a	On Hold		\$4k-\$5k											July 2011	TBD	ERCOT
Stabilization	2011	360	NPRR346	Post Go-Live	NPRR346	Removal of Redundant Posting Requirement Related to Electrical Bus Changes	n/a	Complete		<\$2.5k											Aug 2011	Sept 2011	ERCOT
Stabilization	2011	370		Post Go-Live	001-43	EDW Platform Evaluation	n/a	Planning		\$125k-\$150k											June 2011	Feb 2012	ERCOT
Stabilization	2011	380	SCR766	Post Go-Live	SCR766	Load Zone Price Distributed by ICCP	n/a	Complete		\$13k-\$15k											Aug 2011	Oct 2011	Market
Stabilization	2011	390		Post Go-Live	001-51	TML Transition to MIS	n/a	Execution		\$50k-\$75k											Aug 2011	Dec 2011	ERCOT

Project Category	Priority	Rank	Source Doc	Approval Status	Project Number	Project Name	2012 Release	Project Status	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Spend Forecast	Budget	Budget Range	Budget	Budget Range	Budget	Budget Range	Projected Start Date	Projected End Date	Source
Stabilization	2011	400		Post Go-Live	001-52	IT Infrastructure Upgrade #1	n/a	Execution		\$350k-\$400k											Sept 2011	Dec 2011	ERCOT
Technical Foundation	2011	1		PPL	80001_01	Met Center Disposition	n/a	Complete		<\$20k											2009	Jan 2011	ERCOT
Technical Foundation	2011	2		PPL	99911	Minor Cap - Critical - 2011	n/a	Execution		\$500k-\$1M											Jan 2011	Dec 2011	ERCOT
Technical Foundation	2011	3		PPL	003_01	IT Infrastructure Upgrade #2	n/a	Complete		\$100k-\$250k											May 2011	Aug 2011	ERCOT
Technical Foundation	2011	4		PPL	10055_01	Data Agg Performance Improvements	n/a	Planning		\$250k-\$500k											Sept 2010	Oct 2011	ERCOT
Technical Foundation	2011	5		PPL	11009_01	Fire Alarm System Upgrade	n/a	Complete		\$100k-\$250k											Feb 2011	June 2011	ERCOT
Technical Foundation	2011	6		PPL	10018_01	Annual Storage Growth	n/a	Execution		<\$50k											Jan 2011	Apr 2011	ERCOT
Technical Foundation	2012	10		PPL	11000_01 10015 10016	Data Center Buildout	n/a	Execution		\$25M-\$30M			\$150k-\$200k								Oct 2009	Feb 2012	ERCOT
Technical Foundation	2012	20		PPL		Minor Cap - Critical - 2012	n/a	Not Started					\$500k-\$750k								Jan 2012	Dec 2012	ERCOT
Technical Foundation	2012	30		PPL	90006_02	Information Lifecycle Mgmt – Mkt Systems, Archive, Reporting	R5 off-cycle	Execution		\$1M-\$2M			\$750k-\$1M								Jan 2010	Jan 2012	ERCOT
Technical Foundation	2012	40		PPL	10052_01	Settlement System Upgrade	R4, future years	Planning		\$800k-\$1M			\$1M-\$1.2M		\$1,115,000	\$1M-\$2M					Mar 2010	2013	ERCOT
Technical Foundation	2012	50		PPL	017_01	Oracle 11g Upgrade	R2, R3, R4, R5, R6	Initiation		\$250k-\$300k			\$1M-\$1.2M								Nov 2011	Dec 2012	ERCOT
Technical Foundation	2012	60		PPL		EMS Upgrade	n/a	Not Started					\$1M-\$1.2M		\$3,000,000	\$2M-\$4M	\$1,000,000	\$1M-\$2M			TBD	TBD	ERCOT
Technical Foundation	2012	70		PPL	001-43	Enterprise DW Platform Transition	n/a	Planning					\$50k-\$100k		\$0	\$0M	\$500,000	\$500k-\$750k	\$4,000,000	\$3M-\$5M	June 2011	Feb 2012	ERCOT
Technical Foundation	2012	80		PPL		UC4 (AppWorx) Automation Upgrade v8	TBD	Not Started					\$150k-\$250k								TBD	TBD	ERCOT
Technical Foundation	2012	90		PPL		Siebel Upgrade 8.x	TBD	Not Started					\$350k-\$450k								TBD	TBD	ERCOT
Technical Foundation	2012	100		PPL		NMMS Upgrade	R6	Not Started					\$120k-\$150k								Jan 2012	Dec 2012	ERCOT
Technical Foundation	2012	110		PPL		Data Center Growth & Asset Replacement - 2012	n/a	Not Started					\$500k-\$750k		\$0						Jan 2012	Dec 2012	ERCOT
Technical Foundation	2013	120		PPL		CRR Upgrade to v12.3	n/a	Not Started							\$100,000	\$100k-\$250k					TBD	TBD	ERCOT
Technical Foundation	2013	130		PPL		Cognos 10.x Upgrade	n/a	Not Started							\$565,491	\$500k-\$1M					TBD	TBD	ERCOT
Technical Foundation	2013	140		PPL		Capacity growth - storage/comp.	n/a	Not Started							\$276,000	\$250k-\$500k					TBD	TBD	ERCOT
Technical Foundation	2013	150		PPL		UC4 Automation Upgrade v9	n/a	Not Started							\$325,000	\$250k-\$500k					TBD	TBD	ERCOT
Technical Foundation	2013	160		PPL		Upgrade Siteminder	n/a	Deleted							\$0	\$0k					TBD	TBD	ERCOT
Technical Foundation	2013	170		PPL		Replace Sun DSEE	n/a	Not Started							\$527,182	\$500k-\$1M	\$527,182	\$500k-\$1M			TBD	TBD	ERCOT
Technical Foundation	2013	180		PPL		Replace Sun IDM	n/a	Not Started							\$552,000	\$500k-\$1M	\$552,000	\$500k-\$1M			TBD	TBD	ERCOT
Technical Foundation	2013	190		PPL		Minor Cap - Critical - 2013	n/a	Not Started							\$1,000,000	\$1M-\$2M					Jan 2013	Dec 2013	ERCOT
Technical Foundation	2014	200		PPL		Minor Cap - Critical - 2014	n/a	Not Started									\$1,000,000	\$1M-\$2M			Jan 2014	Dec 2014	ERCOT
Technical Foundation	2015	210		PPL		Minor Cap - Critical - 2015	n/a	Not Started											\$1,000,000	\$1M-\$2M	Jan 2015	Dec 2015	ERCOT
Technical Foundation	2013	220		PPL		Data Center Growth & Asset Replacement - 2013	n/a	Not Started							\$2,800,000	\$2M-\$4M					Jan 2013	Dec 2013	ERCOT
Technical Foundation	2014	230		PPL		Data Center Growth & Asset Replacement - 2014	n/a	Not Started									\$3,200,000	\$2M-\$4M			Jan 2014	Dec 2014	ERCOT
Technical Foundation	2015	240		PPL		Data Center Growth & Asset Replacement - 2015	n/a	Not Started											\$5,200,000	\$4M-\$6M	Jan 2015	Dec 2015	ERCOT

Summary of PPL Changes to Key Fields

Approval Date	Project Category	Rank	Project Number	Project	Field Changed	New Value	Comments
8/24/2011	Business Strategy	20	SCR760	Recommended Changes Needed for Information Model Mgr	2012 Budget Range	\$500k-\$600k	ER Approval
8/24/2011	Business Strategy	20	SCR760	Recommended Changes Needed for Information Model Mgr	Project Status	Execution	ER Approval
8/24/2011	Stabilization	310	n/a	Decommissioning Efforts	Projected End Date	Dec-2011	ER Approval
8/24/2011	Stabilization	190	SCR762	Enable a Single Step Cancel/Resubmit of Trades	Project Status	Execution	ER Approval
8/24/2011	Stabilization	190	SCR762	Enable a Single Step Cancel/Resubmit of Trades	Projected End Date	Oct-2011	ER Approval
8/24/2011	Stabilization	180	NPRR310	Expand Output Schedule Acceptable Range to Include HSL and	Project Status	Execution	ER Approval
8/24/2011	Stabilization	180	NPRR310	Expand Output Schedule Acceptable Range to Include HSL and	Projected End Date	Dec-2011	ER Approval
8/24/2011	Stabilization	210	SCR763	Modify COP Validation Rule for RRS	Project Status	Execution	ER Approval
8/24/2011	Stabilization	210	SCR763	Modify COP Validation Rule for RRS	Projected End Date	Dec-2011	ER Approval
8/24/2011	Stabilization	300	NPRR316	Negative Self-Arranged Ancillary Services Quantity	Project Status	Execution	ER Approval
8/24/2011	Stabilization	300	NPRR316	Negative Self-Arranged Ancillary Services Quantity	Projected End Date	Dec-2011	ER Approval
8/24/2011	Stabilization	40	SCR760	Recommended Changes Needed for Information Model Mgr	2011 Budget Range	\$500k-\$600k	ER Approval
8/24/2011	Stabilization	40	SCR760	Recommended Changes Needed for Information Model Mgr	Project Status	Execution	ER Approval
8/31/2011	Stabilization	390	001-51	TML Transition to MIS	2011 Budget Range	\$50k-\$75k	ER Approval
8/31/2011	Stabilization	390	001-51	TML Transition to MIS	Project Status	Execution	ER Approval
8/31/2011	Stabilization	390	001-51	TML Transition to MIS	Projected End Date	Dec-2011	ER Approval
9/1/2011	Business Strategy	50	NPRR365	Change in Resource Outage Approvals from Eight to 90 Days	Approval Status	Pending Board Approval	TAC Approval
9/7/2011	Business Strategy	2	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	2012 Budget Range	\$10k-\$15k	ER Approval
9/7/2011	Business Strategy	2	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	Project Status	Execution	ER Approval
9/7/2011	Business Strategy	2	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	Projected End Date	Feb-2012	ER Approval
9/7/2011	Stabilization	3	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	2011 Budget Range	\$100k-\$125k	ER Approval
9/7/2011	Stabilization	3	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	Project Status	Execution	ER Approval
9/14/2011	Efficiencies / Enhancements	2	007_01	Cyber Security Facilities Remodeling	Project Status	Execution	ER Approval
9/14/2011	Efficiencies / Enhancements	3	007_01	Human Resources Facilities Remodeling	2011 Budget Range	\$200k-\$250k	ER Approval
9/14/2011	Efficiencies / Enhancements	3	007_01	Human Resources Facilities Remodeling	Project Status	Execution	ER Approval
9/14/2011	Efficiencies / Enhancements	4	008_01	Shipping/Receiving Remodeling	Project Status	Execution	ER Approval
9/14/2011	Stabilization	240	NPRR343	CRR Bid and PTP Obligation Bid Criteria Change	2011 Budget Range	\$300k-\$350k	ER Approval
9/14/2011	Stabilization	240	NPRR343	CRR Bid and PTP Obligation Bid Criteria Change	Project Status	Execution	ER Approval
9/20/2011	Business Strategy	410	NPRR241	AIL Calculation & Credit Reports Publish Corrections	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	230	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adj	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	50	NPRR365	Change in Resource Outage Approvals from Eight to 90 Days	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	200	NPRR272	Definition and Participation of Quick Start Generation Resour	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	240	NPRR379	EILS Dispatch Sequence and Performance Criteria Upgrades	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	60	NPRR348	Generation Resource Start-Up and Shut-Down Process	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	170	NPRR222	Half Hour Start Unit RUC Clawback	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	430	NPRR240	Proxy Energy Offer Curve	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	290	NPRR354	Revisions to Non-Spin Performance Criteria Language and Pro	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	310	NPRR360	Summary Report of HDL and LDL	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	420	NPRR256	Sync with PRR787, Add Non-Compliance Language to QSE Per	Approval Status	PPL	Board Approval
9/20/2011	Business Strategy	210	NPRR207	Unit Deselection	Approval Status	PPL	Board Approval

Approval Date	Project Category	Rank	Project Number	Project	Field Changed	New Value	Comments
9/20/2011	Business Strategy	400	NPRR210	Wind Forecasting Change to P50, Sync with PRR841	Approval Status	PPL	Board Approval
9/22/2011	Business Strategy	390	NPRR181	FIP Definition Revision	Approval Status	Pending TAC Approval	PRS Approval
9/28/2011	Stabilization	290	NPRR251	Sync PRR845, Definition for IDR Meters and Optional Removal	2011 Budget Range	\$10k-\$15k	ER Approval
9/28/2011	Stabilization	290	NPRR251	Sync PRR845, Definition for IDR Meters and Optional Removal	Project Status	Execution	ER Approval
9/28/2011	Stabilization	290	NPRR251	Sync PRR845, Definition for IDR Meters and Optional Removal	Projected End Date	Dec-2011	ER Approval
10/5/2011	Business Strategy	220	SCR761	Provide Price Republication Notifications via API and Provide	2012 Budget Range	\$10k-\$15k	ER Approval
10/5/2011	Business Strategy	220	SCR761	Provide Price Republication Notifications via API and Provide	Project Status	Execution	ER Approval
10/5/2011	Business Strategy	220	SCR761	Provide Price Republication Notifications via API and Provide	Projected End Date	Feb-2012	ER Approval
10/5/2011	Stabilization	200	SCR761	Provide Price Republication Notifications via API and Provide	2011 Budget Range	\$40k-\$48k	ER Approval
10/5/2011	Stabilization	200	SCR761	Provide Price Republication Notifications via API and Provide	Project Status	Execution	ER Approval
10/5/2011	Stabilization	200	SCR761	Provide Price Republication Notifications via API and Provide	Projected End Date	Feb-2012	ER Approval
10/6/2011	Business Strategy	260	NPRR395	CRR Auction Offer Award Disclosure	Approval Status	Pending Board Approval	TAC Approval
10/6/2011	Regulatory	10	NPRR400	Eliminate Unsecured Credit for CRR Auctions and for Future C	Approval Status	Pending Board Approval	TAC Approval
10/18/2011	Regulatory	10	NPRR400	Eliminate Unsecured Credit for CRR Auctions and for Future C	Approval Status	PPL	Board Approval
10/20/2011	Business Strategy	360	NPRR377	Alternate Inputs to Base Point Deviation Charge	Approval Status	Pending TAC Approval	PRS Approval
10/21/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	2011 Budget Range	<\$50k	ER Approval
10/21/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	Project Status	Initiation	ER Approval
10/26/2011	Business Strategy	4	002_01	Impact Assessment Labor Funds	2011 Budget Range	\$98k-\$100k	Info Only
10/26/2011	Business Strategy	4	002_01	Impact Assessment Labor Funds	Project Status	Closing	Info Only
10/26/2011	Business Strategy	4	002_01	Impact Assessment Labor Funds	Projected End Date	Oct-2011	Info Only
10/26/2011	Business Strategy	150	010_01	MarkeTrak Upgrade and Enhancements	2011 Budget Range	\$400k-\$425k	ER Approval
10/26/2011	Business Strategy	150	010_01	MarkeTrak Upgrade and Enhancements	2012 Budget Range	\$275k-\$325k	ER Approval
10/26/2011	Business Strategy	150	010_01	MarkeTrak Upgrade and Enhancements	Project Status	Execution	ER Approval
10/26/2011	Technical Foundation	3	003_01	IT Security Infrastructure Upgrade	Project Status	Closing	Info Only
11/2/2011	Efficiencies / Enhancements	100	011_01	MyGrid	2011 Budget Range	<\$5k	ER Approval
11/2/2011	Efficiencies / Enhancements	100	011_01	MyGrid	Project Name	MyGrid	ER Approval
11/2/2011	Efficiencies / Enhancements	100	011_01	MyGrid	Project Status	Initiation	ER Approval
11/2/2011	Efficiencies / Enhancements	100	011_01	MyGrid	Projected Start Date	Nov-2011	ER Approval
11/3/2011	Business Strategy	360	NPRR377	Alternate Inputs to Base Point Deviation Charge	Approval Status	Pending Board Approval	TAC Approval
11/9/2011	Business Strategy	300	NPRR355	Adjust the Calculation of the Real-Time Settlement Point Price	2011 Budget Range	\$5k-\$6k	ER Approval
11/9/2011	Business Strategy	300	NPRR355	Adjust the Calculation of the Real-Time Settlement Point Price	2012 Budget Range	\$50k-\$60k	ER Approval
11/9/2011	Business Strategy	300	NPRR355	Adjust the Calculation of the Real-Time Settlement Point Price	Project Status	Planning	ER Approval
11/9/2011	Business Strategy	300	NPRR355	Adjust the Calculation of the Real-Time Settlement Point Price	Projected End Date	Feb-2012	ER Approval
11/9/2011	Business Strategy	190	NPRR326	Adjust the Calculation of the Real-Time Settlement Point Price	2011 Budget Range	\$4k-\$6k	ER Approval
11/9/2011	Business Strategy	190	NPRR326	Adjust the Calculation of the Real-Time Settlement Point Price	2012 Budget Range	\$13k-\$16k	ER Approval
11/9/2011	Business Strategy	190	NPRR326	Adjust the Calculation of the Real-Time Settlement Point Price	Project Status	Planning	ER Approval
11/9/2011	Business Strategy	190	NPRR326	Adjust the Calculation of the Real-Time Settlement Point Price	Projected End Date	Feb-2012	ER Approval
11/9/2011	Business Strategy	230	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adj	2011 Budget Range	\$10k-\$12k	ER Approval
11/9/2011	Business Strategy	230	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adj	2012 Budget Range	\$40k-\$48k	ER Approval
11/9/2011	Business Strategy	230	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adj	Project Status	Planning	ER Approval
11/9/2011	Business Strategy	230	NPRR321	Allow Change to Energy Offer Curve MW Amounts in the Adj	Projected End Date	Feb-2012	ER Approval
11/9/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	2011 Budget Range	\$60k-\$75k	ER Approval
11/9/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	Project Status	Planning	ER Approval

Approval Date	Project Category	Rank	Project Number	Project	Field Changed	New Value	Comments
11/9/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	Projected End Date	Jun-2012	ER Approval
11/9/2011	Business Strategy	100	012_01	Demand Response (Look Ahead SCED)	Projected Start Date	Sep-2011	ER Approval
11/9/2011	Business Strategy	2	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	2012 Budget Range	\$60k-\$75k	ER Approval
11/9/2011	Business Strategy	2	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	Projected End Date	Apr-2012	ER Approval
11/9/2011	Stabilization	400	001-52	IT Infrastructure Upgrade	2011 Budget Range	\$350k-\$400k	ER Approval
11/9/2011	Stabilization	400	001-52	IT Infrastructure Upgrade	Project Name	IT Infrastructure Upgrade	ER Approval
11/9/2011	Stabilization	400	001-52	IT Infrastructure Upgrade	Project Status	Execution	ER Approval
11/9/2011	Stabilization	400	001-52	IT Infrastructure Upgrade	Projected End Date	Dec-2011	ER Approval
11/9/2011	Stabilization	3	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	2011 Budget Range	\$80k-\$100k	ER Approval
11/9/2011	Stabilization	3	001-47	RARF Upgrade for Wind, Solar, and Storage Resources	Projected End Date	Apr-2012	ER Approval
11/9/2011	Technical Foundation	3	003_01	IT Security Infrastructure Upgrade	Project Status	Complete	Info Only
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	n/a	NEW PROJECT	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	2011 Budget Range	\$20k-\$30k	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	2012 Budget Range	\$100k-\$120k	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	Approval Status	PPL	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	Priority	2012	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	Project Status	Planning	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	Projected Start Date	Nov-2011	ER Approval
11/16/2011	Efficiencies / Enhancements	155	016_01	ADP-IDM Interface	Rank	155	ER Approval
11/16/2011	Efficiencies / Enhancements	100	011_01	ERCOT Mobile	2011 Budget Range	\$15k-\$20k	ER Approval
11/16/2011	Efficiencies / Enhancements	100	011_01	ERCOT Mobile	2012 Budget Range	\$120k-\$140k	ER Approval
11/16/2011	Efficiencies / Enhancements	100	011_01	ERCOT Mobile	Project Name	ERCOT Mobile	ER Approval
11/16/2011	Efficiencies / Enhancements	100	011_01	ERCOT Mobile	Project Status	Planning	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	n/a	NEW PROJECT	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	2011 Budget Range	\$15k-\$25k	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	2012 Budget Range	\$30k-\$50k	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	Approval Status	PPL	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	Priority	2011	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	Project Status	Planning	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	Projected Start Date	Nov-2011	ER Approval
11/16/2011	Efficiencies / Enhancements	5	015_01	Outage Capacity Calculation Tool	Rank	5	ER Approval
11/16/2011	Regulatory	10	014_01	Implementation of NPPR347 and NPPR400	2011 Budget Range	<\$50k	ER Approval
11/16/2011	Regulatory	10	014_01	Implementation of NPPR347 and NPPR400	2012 Budget Range	\$660k-\$715k	ER Approval
11/16/2011	Regulatory	10	014_01	Implementation of NPPR347 and NPPR400	Project Name	Impl. NPPR347/NPPR400	ER Approval
11/16/2011	Regulatory	10	014_01	Implementation of NPPR347 and NPPR400	Project Status	Initiation	ER Approval
11/16/2011	Regulatory	10	014_01	Implementation of NPPR347 and NPPR400	Projected Start Date	Nov-2011	ER Approval
11/16/2011	Stabilization	370	001-43	EDW Platform Evaluation	2011 Budget Range	\$125k-\$150k	ER Approval
11/16/2011	Stabilization	370	001-43	EDW Platform Evaluation	Projected End Date	Feb-2012	ER Approval
11/16/2011	Technical Foundation	70	001-43	Enterprise DW Platform Transition	2012 Budget Range	\$50k-\$100k	ER Approval
11/16/2011	Technical Foundation	70	001-43	Enterprise DW Platform Transition	2013 Budget Range	\$0M	ER Approval
11/16/2011	Technical Foundation	70	001-43	Enterprise DW Platform Transition	2014 Budget Range	\$500k-\$750k	ER Approval
11/16/2011	Technical Foundation	70	001-43	Enterprise DW Platform Transition	2015 Budget Range	\$3M-\$5M	ER Approval
11/16/2011	Technical Foundation	70	001-43	Enterprise DW Platform Transition	Projected End Date	Feb-2012	ER Approval

Approval Date	Project Category	Rank	Project Number	Project	Field Changed	New Value	Comments
11/16/2011	Technical Foundation	50	017_01	Oracle 11g Upgrade	Project Status	Initiation	ER Approval
11/16/2011	Technical Foundation	50	017_01	Oracle 11g Upgrade	Projected Start Date	Nov-2011	ER Approval
11/29/2011	Business Strategy	510	NPRR351	Calculate and Post Projected Non-Binding LMPs for the Next	Priority	2012	PRS Approval
11/29/2011	Business Strategy	100	NPRR351	Calculate and Post Projected Non-Binding LMPs for the Next	Rank	100	PRS Approval
11/29/2011	Business Strategy	480	NPRR327	State Estimator Data Redaction Methodology	Priority	2012	PRS Approval
11/29/2011	Business Strategy	480	NPRR327	State Estimator Data Redaction Methodology	Rank	480	PRS Approval
11/30/2011	Regulatory	20	009-01	Compliance Software Tool	2012 Budget	123,379	ER Approval
11/30/2011	Regulatory	20	009-01	Compliance Software Tool	2012 Budget Range	\$110k-\$140k	ER Approval
11/30/2011	Regulatory	20	009-01	Compliance Software Tool	Project Status	Execution	ER Approval
11/30/2011	Technical Foundation	40	10052_01	Settlement System Upgrade	2011 Budget Range	\$800k-\$1M	ER Approval
11/30/2011	Technical Foundation	160	n/a	Upgrade Siteminder	2013 Budget Range	\$0k	ER Approval
11/30/2011	Technical Foundation	160	n/a	Upgrade Siteminder	Project Status	Deleted	ER Approval
12/1/2011	Business Strategy	100	NPRR351	Calculate and Post Projected Non-Binding LMPs for the Next	Approval Status	Pending Board Approval	TAC Approval
12/1/2011	Business Strategy	470	NPRR315	Revision of Responsive Reserve Measure to High Emergency	Approval Status	Rejected by TAC	TAC Approval

Types of Changes Captured on This Report				Comment Descriptions	
- New additions	- Change in project start and end target date			ER Approval	Executive Review approval
- Rank changes	- Change in budget range			Board/TAC/PRS Approval	Self-explanatory
- Approval changes	- Status changes (project phase)			Info Only	Item that does not require approval

2011 Merged Prioritization List

After reconsideration by the Board of each Parking Deck item, it is removed from this list and appears in the appropriate place on the PPL

Priority	Current Status	Source Document	Description	Release Year	Systems Impacted	Target Release	Source	IA Phase	Estimated Cost	Estimated Effort	Estimated Duration	Work-arounds	Funding Source	Submitter	Submission Date	Additional Information
2 - High	Board Approved	NPRR181	FIP Definition Revision	2013+	MMS, COMS, Integration	TBD	Parking Deck	3						Luminant	6/10/2009	Revises the definition of Fuel Index Price (FIP) to correctly account for the timing difference between ERCOT's application of FIP in its systems (midnight to midnight) and the timing of natural gas prices reflected by the index (i.e., hour ending 1000 to 0900).
3 - High / Medium	Board Approved	NPRR257	Synchronization with Nodal Operating Guide Section 9, Monitoring Programs	Various	EIS	TBD	Parking Deck	3						ERCOT Staff	7/23/2010	Greyboxes multiple sections to align with Nodal Operating Guide Section 9, Monitoring Programs
4 - Medium	Board Approved	NPRR164	Resubmitting Ancillary Service Offers in SASM	TBD	MMS, EIF, EIS, CDR	Release 2.0	Parking Deck	TBD						TPTF	11/11/2008	Allows QSEs to take full advantage of A/S and energy co-optimization in the DAM and participate in the Supplemental Ancillary Service Market (SASM) by being able to resubmit A/S Offers at the higher of DAM MCPC or its offer price in the DAM.
4 - Medium	Board Approved	NPRR153	Generation Resource Fixed Quantity Block Offer	TBD	MMS, EIF, EIS, CDR	Future Release	Parking Deck	4						TPTF	9/12/2008	Allows a fixed quantity and time block bid for Offline Non-Spin with the contingency that all hours be purchased in the block
4 - Medium	Board Approved	NOGRR034	Rescind Telemetry Performance Calculation Exclusions	TBD		TBD	Parking Deck	3						ERCOT Staff	1/22/2010	Grey-boxes language that allows QSE and TSPs to request removal of telemetry from Telemetry Standard performance metrics when certain situations exist.
4 - Medium	Board Approved	NPRR260	Providing Access to MIS Secure Area to MIS Registered Users	TBD	Siebel, MPIM, MIS, MIR, EWS, EIF	TBD	Parking Deck	3						Crescent Power	8/5/2010	Makes it possible for consultants, power marketers, aggregators, consumers and universities to get access to the MIS Secure area (without doing so by getting a digital certificate through a registered Market Participant)
4 - Medium	Board Approved	SCR755	ERCOT.com Website Enhancements	TBD	ERCOT.com	TBD	Parking Deck	2						CCWG	2/25/2009	Implementation of 10 improvements to ERCOT.com received in the 2008 Market Participant Survey. Includes document archiving, search improvements, training, meeting calendar enhancements, and RSS feeds.

Defect ID	Summary	Market Description	Production Target Date	System
5963	OS Core: for MP UI: The NewPlanned and New latest End dates should be extended one more time	Once an outage has been extended it can't be extended again.	1/19/2011	Outage Scheduler
6879	OS: Core: Transmission M1 - Withdrawn outages which are not active should not be ended	A withdrawn Outage does not require an Actual End even though the UI will display the field.	1/19/2011	Outage Scheduler
7077	OS Core: RUI-PL_GRP_Status-Study-poor error message when trying to add notes	When an outage has a status of Study and the user attempts to add a note, the error message needs to be more specific.	1/19/2011	Outage Scheduler
8755	OS UI: Usability: Associated Equipment Table: Select All for the check boxes	When the user views associated equipment they must select each piece of the line in a check box. A "Select All" button is needed.	1/19/2011	Outage Scheduler
10276	OS UI Usability: When your right click from Print, Export.xml or Export.csv you get a blank page	When the user clicks on the "Print summary information", "Export.xml or Export.csv, they may receive a blank page.	1/19/2011	Outage Scheduler
10512	OS UI Print Summary Information link screen shares the same title as the Summary Screen	The "Print Summery Information" window has the same title in the title bar at the top of the screen as Summery screen.	1/19/2011	Outage Scheduler
13039	OS Core: When an outage is at PComp state, Actual End is not editable	Enter the required supporting notes then the Actual End becomes editable.	1/19/2011	Outage Scheduler
13575	OS Core: Outage past its end date cannot be extended gives an invalid error message	Once an outage has passed the Planned End Date/time the user can't extend the outage. If the MP attempts to extend the outage, the error message they receive is misleading.	1/19/2011	Outage Scheduler
13588	OS UI TSP WRN column - arrows do not highlight asc or dec when clicked	The arrows on the summary columns do not indicate if the column is sorted ascending or descending	1/19/2011	Outage Scheduler
15186	DST-NP6-235 - System-Wide Demand report output does not have enough data during CDT time.	.NP6-235 - System-Wide Demand report output does not have enough data during CDT time.	1/19/2011	Reports
15267	DST-NP3-217-Temperature Adjusted Dynamic Ratings - Report output has 2.00 hour on CDT day.	.NP3-217-Temperature Adjusted Dynamic Ratings - Report output has 2.00 hour on CDT day. Fixes putting '*' by extra hour during Fall DST transition.	1/19/2011	Reports
17781	OS Core: The OS needs to auto populate the Actual Start/Actual End on an outage with the "Nature of Work" of "New Equipment Energization"	When a MP is putting a new piece of equipment in service they are suppose to enter an outage with a Planned Start date of a network model load prior to the date the equipment we be energized. Since the model load will be around MN they have asked that the system auto populate the Actual Start.	1/19/2011	Outage Scheduler
17922	OS Core: MP is unable to extend an outage a second time	The MPs are unable to extend an outage more than one time.	1/19/2011	Outage Scheduler
18006	Self Energy Trade Net Trade of Letter Other Than 'P' or 'S' Not Handled Properly	Characters outside of 'P' and 'S' for a self energy trade are not handled properly by the MMS Market Manager.	1/19/2011	Market Manager
18038	Self energy trade submission formed incorrectly when value changes on Int End 30 or 45	Self energy trades will fail from the MMS MM when the MW value or P/S value of one hour carries over into the next hour and changes on either the 30 or 45 minute interval	1/19/2011	Market Manager
18039	Clicking to see details of partially confirmed trade from unconfirmed trade is read-only	Clicking to view the details of the unconfirmed portion of a partially confirmed trade entered by the user brings up a read-only screen. This screen should be editable	1/19/2011	Market Manager
18069	MIS - Dashboard - LF vs Actual label change	On the Load Forecast vs Actual dashboard, the labels will be changed to more accurately reflect the data given. 'Online Generation - Actual' will become 'Current Day COP HSLs for Online Generation', and 'Online Generation - Planned' will become 'Day-Ahead COP HSLs for Online Generation'.	1/19/2011	MIS Dashboard

Defect ID	Summary	Market Description	Production Target Date	System
18467	OS UI: Remove from the OS UI the 3 day rule for NPE as of OS core release 2.3.0	The User can wait to extend the outage until 3 days before the PE date. The user may also extend the outage using the API without the limitation.	1/19/2011	Outage Scheduler
18472	NPRR261: PTC: Summer: Remove restriction for interim update to make it simple 90 days for all cases	The user needs to be able to submit model information for each month in the summer and not the summer as a block model update.	1/19/2011	Network Model Management System
18307	DC Ties incorrectly show up as a QSE in the Market Manager	DC Ties are incorrectly listed on the drop down list for QSEs (for example, when creating an energy trade, one of the options on the drop down for 'seller' is 'DC_E').	1/20/2011	Market Management System
18357	Wrong DELIVERY_HOUR in HRUC Message	The hour in the text of the HRUC alert that is available to all MPs is offset by one hour. Startup/Shutdown Instructions for individual QSE awards are correct. Example: HRUC-AWD-RPT Reports on HRUC Awards for operating date 12/06/2010 hr 21 are available. Should say hr 20.	1/20/2011	Market Management System
14113	EWS Sync Response loses correlation with async for schema errors	When inbound submissions fail to validate to the schema, ensure that the mRIDs associated to that submission are returned in the Notification message.	1/21/2011	Enterprise Web Services
15195	SHORT DST - Market Info: SystemLoad, the time of EWS response is incorrect when the TimeEnding of CDR report is 3:00 on short day (CST->CDT).	SystemLoad has incorrect time after Daylight Savings Time transition.	1/21/2011	Enterprise Web Services
15220	SHORT DST - Market Info: SPPs_DAM, the ending of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15235	SHORT DST - Market Info: TotalEnergys, the ending of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15276	SHORT DST - Market Info: MarketTotals, the ending of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15277	SHORT DST - Market Info: BindingConstraints, the deliveryTime of EWS response is incorrect when the HourEnding of CDR report is 2:00 or RUCTimeStamp of CDR report is 14:xx:xx on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15278	SHORT DST - Market Info: AggregatedASOfferCurves, the endTime of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15292	SHORT DST - Market Info: ASServicePlan, the ending of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services

Defect ID	Summary	Market Description	Production Target Date	System
15293	SHORT DST - Market Info: TotalASOffers, the ending of EWS response is incorrect when the HourEnding of CDR report is 2:00 on short day (CST->CDT).	For the day in which CST to CDT takes place, the second hour in many reports is being reported with a "time" element of 01:00:00-06:00 and an "ending" element of 02:00:00-06:00. The "ending" element should instead be 03:00:00-05:00.	1/21/2011	Enterprise Web Services
15314	SHORT DST - Market Info: SPPs_RTM, both time and ending of EWS response are incorrect when the DeliveryDate of CDR report is short day (CST->CDT).	For the day in which CST to CDT takes place, the SPP reports are reported with a -06:00 offset when it should be -05:00 after the CDT transition.	1/21/2011	Enterprise Web Services
15348	SHORT DST - Market Info: DynamicRatings, the createTime of EWS response is incorrect when CreateTime of CDR report is short day (CST->CDT).	Market Info: DynamicRatings, the createTime of EWS response is incorrect when CreateTime of CDR report is short day 3/14/2010 (CST->CDT).	1/21/2011	Enterprise Web Services
15353	SHORT DST - Market Info: LoadRatioShares, both time and ending of EWS response are incorrect when DeliveryDate of CDR report is short day (CST->CDT) and HourEnding of CDR report is 24:00.	Market Info: LoadRatioShares, both time and ending of EWS response are incorrect when DeliveryDate of CDR report is short day 3/14/2010 (CST->CDT) and HourEnding of CDR report is 24:00.	1/21/2011	Enterprise Web Services
15368	SHORT DST - Market Info: LoadForecasts, both time and ending of EWS response are incorrect when the HourEnding of CDR report is 1:00 and 2:00 and DeliveryDate of CDR report is short day (CST->DST).	Market Info: LoadForecasts (LOAD, SYSTEM and WEATHER), both time and ending of EWS response are incorrect when the HourEnding of CDR report is 1:00 and 2:00 and DeliveryDate of CDR report is short day 3/14/2010 (CST->DST).	1/21/2011	Enterprise Web Services

Delivery Groups	Target Delivery Timeframe	Focus Area	Comments	Sort Char
Deferred Defects - G1 - Jan 11	January 2011	DST, Planning Go-Live	Targeted for January 2011	1
Deferred Defects - G2 - Mar 11	March 2011	Various	Targeted for March 2011	2
Deferred Defects - G3 - May 11	May 2011	Various	Targeted for May 2011	3
Deferred Defects - G4 - Jun 11	June 2011	Various	Targeted for June 2011	4
Deferred Defects - G5 - Jul 11	July 2011	Various	Targeted for July 2011	5
Deferred Defects - G6 - Aug 11	August 2011	EMS	Targeted for August 2011	6
Deferred Defects - G7 - Sept 11	Sept 2011	EMS	Targeted for September 2011	7
Release 2.0	March 2012	TBD	First major enhancement release	9
Maintenance Release	July 2012	TBD		10
Maintenance Release	Oct 2012	TBD		11
Future Release	TBD	TBD	Deferred to future release	12
Standalone Project	Various	N/A	Projects not subject to the release schedule	8
N/A	N/A	N/A	Prioritization not required	13
TBD			Yet to be defined	99

Release Year
2011
2012
2013+
TBD
Future Year TBD

IA Phase
1
2
3
4
TBD

Project Category	
Regulatory	1
Business Strategy	2
Efficiencies / Enhancements	3
Technical Foundation	4

Pending Action Types
1 - ER Action
2 - BI Action
3 - Watch
4 - Future Action
5 - PPL Design

Strategic Objective Groups	
1 - Grid Reliability	1
2 - Manage Markets	2
3 - Compliance	3
4 - External Relations	4
5 - People	5

Objective Group	Detail Objectives
1 - Grid Reliability	1.1 Integrate emerging technologies
1 - Grid Reliability	1.2 Transmission strategy
1 - Grid Reliability	1.3 Operational readiness
1 - Grid Reliability	1.4 Generation resource interconnection
1 - Grid Reliability	1.5 Operator visualization tools
2 - Manage Markets	2.1 Resource adequacy
2 - Manage Markets	2.2 Market Design
2 - Manage Markets	2.3 Load participation
2 - Manage Markets	2.4 CFTC Requirements
2 - Manage Markets	2.5 Credit Requirements
2 - Manage Markets	2.6 Retail market design
2 - Manage Markets	2.7 Retail data provision
2 - Manage Markets	2.8 Smart Meter Texas
3 - Compliance	3.1 Culture of compliance
3 - Compliance	3.2 Protocol ownership
3 - Compliance	3.3 Industry participation
3 - Compliance	3.4 Stakeholder collaboration
3 - Compliance	3.5 Security initiatives
4 - External Relations	4.1 Stakeholder communication
4 - External Relations	4.2 Expand ERCOT exposure
4 - External Relations	4.3 Grid Alert outreach
4 - External Relations	4.4 Legislative communication
4 - External Relations	4.5 Risk management
5 - People	5.1 Organization structure
5 - People	5.2 Performance management
5 - People	5.3 Training
5 - People	5.4 Succession planning
5 - People	5.5 Recruiting and retention
5 - People	5.6 Reward and Recognition