

Item 4.2: Financial Summary

Bill Magness
President & Chief Executive Officer

Board of Directors Meeting

ERCOT Public December 13, 2016

Financial Summary: Variance to Budget (\$ in Millions) Net Revenues After Department Expenditures

Net Revenues Year to Date Actuals: \$11.7 M Favorable (as of October 31, 2016)

Major Revenue Variances

\$2.1 M over budget: system administration fees favorable due to a stronger economy

Major Expenditure Variances

- \$2.8 M under budget: resource management (\$2.5 M staffing management; \$0.8 M project work; \$-0.5 staff backfill)
- \$2.0 M under budget: computer hardware and other equipment purchases
- \$1.1 M under budget: interest expense due to project funding and no revolver usage; interest income due to higher rates
- \$1.4 M under budget: employee health, relocation, immigration and recognition program costs
- \$1.0 M under budget: external studies/consulting services
- \$0.6 M under budget: timing differences

Net Revenues Year End Forecast: \$13.1 M Favorable (as of December 2, 2016)

Major Revenue Variances

\$2.1 M over budget: system administration fees favorable based on current actuals and load forecast for remainder of year

Major Expenditure Variances

- \$3.9 M under budget: resource management (\$3.2 M staffing management; \$1.3 M project work; \$-0.6 M staff backfill)
- \$1.9 M under budget: computer hardware and other equipment purchases
- \$1.4 M under budget: interest expense due to project funding and no revolver usage; interest income due to higher rates
- \$1.3 M under budget: employee health, relocation, immigration and recognition program costs
- \$1.1 M under budget: external studies/consulting services



Financial Summary: Statements of Financial Position

As of October 31, 2016 and 2015 (\$ in Millions)

		2015		
Assets				
Current assets	\$	693.8	\$	760.8
Long term assets		122.3		116.4
Total assets	\$	816.1	\$	877.2
	1			•
Liabilities and Unrestricted Net Assets				
Current liabilities	\$	718.4	\$	799.2
Long term liabilities		60.2		64.1
Unrestricted net assets		37.5		13.9
Total liabilities and unrestricted net assets	\$	816.1	\$	877.2



Financial Summary: Statements of Activities and Net Assets

For the Ten Months Ended October 31, 2016 and 2015 (\$ in Millions)

	 2016	2015
Operating revenues	\$ 182.6	\$ 154.8
Operating expenses	 151.7	149.1
Gain (Loss) from operations	30.9	5.7
Other income (expense)	 (1.0)	(1.4)
Change in unrestricted net assets	29.9	4.3
Unrestricted net assets, beginning of year	 7.6	9.6
Unrestricted net assets, end of period	\$ 37.5	\$ 13.9



Financial Summary

Appendices



Flec	tric Reliability Council of Texas, Inc.											
	Financial Summary											
	f December 2, 2016											
(\$ in	Millions)		Year to I	Date (Octo	ber 31)			Year End (December 31)				
		2015		20	16		2015	2015 2016				
						ance				<u>Varia</u>		
Line		Actual	Budget	Actual	\$	%	Actual	Budget	Forecast	\$	%	
1	System Administration Revenue	\$ 138.8	\$ 164.9	\$ 166.9	\$ 2.1	1.3	\$ 162.0	\$ 193.9	\$ 196.1	\$ 2.1	1.1	
2	Department Net Expenditures											
3	Information Technology	45.5	50.9	48.7	2.2	4.3	55.4	61.8	58.8	3.0	4.9	
4	Operations	46.1	49.0	45.6	3.4	6.9	55.7	58.5	54.9	3.6	6.2	
5	Finance & Treasury	11.1	12.3	10.4	1.9	15.4	13.3	14.8	12.7	2.1	14.2	
6	External Affairs & Corporate Communications	5.4	5.5	5.2	0.3	5.5	6.5	6.5	6.2	0.3	4.6	
7	Human Resources	3.5	4.5	3.7	0.8	17.8	4.2	5.3	4.5	0.8	15.1	
8	General Counsel	2.7	3.7	2.7	1.0	27.0	3.3	4.5	3.3	1.2	26.7	
9	Corporate Administration	2.1	2.2	2.2	-	-	2.8	2.8	2.8	-	-	
10	Total Department Net Expenditures	116.4	128.0	118.3	9.6	7.5	141.2	154.1	143.2	11.0	7.1	
11	Net Revenues After Department Expenditures	22.4	36.9	48.6	11.7	31.7	20.8	39.8	52.9	13.1	32.9	
12												
13	Less: Project Expenditures											
14	Current Budget Year Project Expenditures	19.2	32.6	23.4	9.2	28.2	21.7	37.1	35.0	2.1	5.7	
15	2016 Budget Expended in 2015	1.7	5.4	-	5.4	100.0	5.4	5.4	-	5.4	100.0	
16	Total Project Expenditures	20.9	38.0	23.4	14.6	38.4	27.1	42.5	35.0	7.5	17.6	
17												
18	Net Available for Debt & Working Capital	\$ 1.5	\$ (1.1)	\$ 25.2	\$ 26.3	2,443.7	\$ (6.3)	\$ (2.6)	\$ 17.9	\$ 20.5	787.0	
	Note: Schedule may not foot due to rounding.											

Electric Reliability Council of Texas, Inc. 2016 Financial Summary Variance Explanations As of December 2, 2016

As of December 2, 2016 Line Year to Date (October 31) Year End									
	· · · · · · · · · · · · · · · · · · ·	+\$2.1 M - Based on actuals and 11/28/16 load forecast							
System Administration Fee Revenue	+\$2.1 M - Primarily due to stronger economy	+\$\psi_1\$ vi - Dased on actuals and 11/26/10 load forecast							
3 Information Technology	+\$1.3 M - Common infrastructure purchases +\$0.9 M - HW/SW vendor support services due to work on projects (Resource Management) +\$0.5 M - Savings for staffing management (Resource Management) +\$0.4 M - Minor capital purchases +\$0.4 M - Wide Area Network (WAN) revenues +\$0.3 M - Lower employee health costs +\$0.2 M - Employee training and business travel -\$0.6 M - Lower project funded labor (Resource Management) -\$0.5 M - Outside services-staff backfill (Resource Management) -\$0.5 M - Outside services-other -\$0.4 M - Other hardware and software services Timing Differences +\$0.2 M - Miscellaneous under-spending	+\$1.3 M - Common infrastructure purchases +\$1.1 M - HW/SW vendor support services due to more project work (Resource Management) +\$0.6 M - Savings for staffing management (Resource Management) +\$0.5 M - Minor capital purchases +\$0.4 M - Wide Area Network (WAN) revenues +\$0.3 M - Lower employee health costs +\$0.2 M - Employee training and business travel -\$0.6 M - Outside services-staff backfill (Resource Management) -\$0.3 M - Outsider services-other -\$0.3 M - Lower project funded labor (Resource Management) -\$0.2 M - Other hardware and software services							
4 Operations	+\$1.2 M - Savings for staffing management (Resource Management) +\$1.0 M - External studies/consulting services +\$0.5 M - Higher amount of project funded labor (Resource Management) +\$0.4 M - Lower employee health costs +\$0.1 M - Equipment purchases -\$0.1 M - Unbudgeted data subscriptions Timing Differences +\$0.3 M - Hardware, software and equipment purchases	+\$1.6 M - Savings for staffing management (Resource Management) +\$1.1 M - External studies/consulting services +\$0.5 M - Higher amount of project funded labor (Resource Management) +\$0.4 M - Lower employee health costs +\$0.1 M - Equipment purchases -\$0.1 M - Unbudgeted data subscriptions							
5 Finance & Treasury	+\$0.7 M - Lower interest expense due to project funding and no revolver usage +\$0.5 M - Property tax +\$0.4 M - Interest income +\$0.2 M - Fewer facilities improvements and equipment purchases Timing Differences +\$0.1 M - Fewer facilities improvements and equipment purchases	+\$0.9 M - Lower interest expense due to project funding and no revolver usage +\$0.5 M - Property tax +\$0.5 M - Interest income +\$0.2 M - Fewer facilities improvements and equipment purchases							
6 External Affairs & Corporate Communications	+\$0.2 M - Savings for staffing management (Resource Management) +\$0.2 M - Public Service Announcements (PSAs) not required -\$0.1 M - External studies/consulting services	+\$0.2 M - Savings for staffing management (Resource Management) +\$0.2 M - Public Service Announcements (PSAs) not required -\$0.1 M - External studies/consulting services							
7 Human Resources	+\$0.3 M - New hire relocation costs +\$0.2 M - Immigration services +\$0.1 M - Data subscription for online training +\$0.1 M - Studies, training and other services +\$0.1 M - Employee reward and recognition program and related benefits/taxes	+\$0.3 M - New hire relocation costs +\$0.2 M - Immigration services +\$0.2 M - Data subscription for online training +\$0.1 M - Studies, training and other services							
8 General Counsel	+\$0.5 M - Savings for staffing management (Resource Management) +\$0.2 M - Regulatory studies not required yet +\$0.1 M - Lower employee health costs +\$0.1 M - Employee training and business travel +\$0.1 M - Outside legal services	+\$0.7 M - Savings for staffing management (Resource Management) +\$0.2 M - Regulatory studies may not be required +\$0.1 M - Lower employee health costs +\$0.1 M - Employee training and business travel +\$0.1 M - Outside legal services							
9 Corporate Administration	+\$0.1 M - Savings for staffing management (Resource Management) -\$0.1 M - Unbudgeted executive recruiting services	+\$0.1 M - Savings for staffing management (Resource Management) -\$0.1 M - Unbudgeted executive recruiting services							
14 Less: Current Budget Year Project Expenditures	+\$9.2 M - See Project Expenditures summaries in following pages	+\$2.1 M - See Project Expenditures summaries in following pages							

Electric Reliability Council of Texas, Inc. Project Expenditures - Technical Foundation Demand vs. Year End (YE) Forecast As of December 2, 2016 (\$ in Millions)

			on PPL on PPL Priority: Priority:		Year	to Date	Year End					
Project Name [Projects listed are at or above \$0.7 Million Estimate at Completion (EAC) Budget threshold]	Current Phase	Order Based on PPL Priority: Jan. 1, 2016		I Pr	ear to Date roject ctual	% Spend to Year End Forecast		ject lget	Proj Fore		Varia	o%
Fechnical Foundation												
Energy Management System (EMS) Upgrade	Stabilization	1	1	\$	3.2	94.1	\$	4.0	\$	3.4 \$	0.6	15.0
Network Model Management System (NMMS) Upgrade	Execution	2	2		2.4	80.0		3.0		3.0	-	-
Projects Below \$0.7 Million EAC Budget Threshold by Phase	Complete				0.3	100.0		0.3		0.3	-	-
	Closing				-	n/a		-		-	-	n/a
	Stabilization				-	n/a		-		-	-	n/a
	Execution				0.1	50.0		0.2		0.2	-	-
	Planning				0.1	12.5		0.9		0.8	0.1	11.1
	Initiation				-	n/a		-		-	-	n/a
	On Hold				-	n/a		0.3		-	0.3	100.0
	Not Yet Initiated				-	n/a		-		-	-	n/a
Other Project Spend Variance of Completed Projects												n/a
Variance of Completed Projects Variance of In-flight & Not Yet Initiated Projects								1.3		-	1.3	100.0
variance of in-ingula & Not. Let initiated Projects								1.3		-	1.3	100.0
			Subtotal	\$	6.1	79.2	\$	10.0	\$	7.7 \$	2.3	23.0
Data Center 4.0 Optimization (DC4) Program	Planning				10.6	63.5		16.4		16.7	(0.3)	(1.8)
2016 Budget Expended in 2015								3.6		-	3.6	100.0
		Total - Tech	nical Foundation	\$	16.7	68.4	\$	30.0	\$	24.4 \$	5.6	18.7

Electric Reliability Council of Texas, Inc. Project Expenditures - Technical Foundation Project Budgets vs. Estimates at Completion (EACs) As of December 2, 2016 (\$ in Millions)

					Life to	Date	Estimate at Co				mpletion (EAC)		
Project Name [Projects listed are at or above \$0.7 Million Estimate at Completion (EAC) Budget threshold]	Current Phase	Order Based on PPL Priority: Jan. 1, 2016	on PPL Priority:	I Pi	ife to Date roject ctual	% Spend to EAC Forecast		roject udget		roject recast	Varia	%	
Technical Foundation													
Energy Management System (EMS) Upgrade	Stabilization	1	1	\$	17.5	98.9	\$	18.9	\$	17.7 \$	1.2	6.3	
Network Model Management System (NMMS) Upgrade	Execution	2	2		6.3	90.0		7.0		7.0	-	-	
Projects Below \$0.7 Million EAC Budget Threshold by Phase													
	Complete				2.2	100.0		2.2		2.2	-	-	
	Closing				-	n/a		-		-	-	n/a	
	Stabilization				-	n/a		-		-	-	n/a	
	Execution				0.1	50.0		0.2		0.2	-	-	
	Planning				0.1	8.3		1.3		1.2	0.1	7.7	
	Initiation				-	n/a		-		-	-	n/a	
	On Hold				0.3	37.5		0.8		0.8	-	-	
	Not Yet Initiated				-	-		2.7		2.7	-	-	
			Subtotal	\$	26.5	83.3	\$	33.1	\$	31.8 \$	1.3	3.9	
Data Control 4.0 Outlining time (DCA) Processes	Dlamaina				14.4	20.0		40.0		40.0			
Data Center 4.0 Optimization (DC4) Program	Planning				14.4	30.0		48.0		48.0	-	-	
		Total - Tech	nical Foundation	\$	40.9	51.3	\$	81.1	\$	79.8 \$	1.3	1.6	

Electric Reliability Council of Texas, Inc. Project Expenditures - Capital Enhancements Demand vs. Year End (YE) Forecast As of December 2, 2016 (\$ in Millions)

				Year	to Date		Year 1		End		
									Varia	nce	
Project Name [Projects listed are at or above \$0.7 Million Estimate at Completion (EAC) Budget threshold]	Current Phase	Order Based on PPL Priority: Jan. 1, 2016	•	Year to Date Project Actual	% Spend to Year End Forecast	Project Budget		oject ecast	\$	%	
Regulatory											
Physical Security Project #2	Execution	1	1	\$ 0.6	42.9	\$ 1.	5 \$	1.4 \$	0.1	6.7	
Configuration Management System (CMS) Requirements for CIP v5 Readiness	Complete	2	2	0.4	100.0	0.	5	0.4	0.1	20.0	
CIP v5 Readiness Project	Complete	3	3	0.2	100.0	0.	2	0.2	-	-	
Business Strategy											
Market Participant Online Data Entry: Phase 1	On Hold	1	1	-	n/a	-		-	-	n/a	
2015 Credit Monitoring and Management (CMM) NPRRs	Planning	2	2	0.5	71.4	0.	7	0.7	-	-	
Load Forecast Enhancements	Execution	-	3	0.4	80.0	0.	5	0.5	-	-	
2015 Outage Scheduler Enhancements	Closing	4	4	0.8	100.0	0.	8	0.8	-	-	
Short Circuit Ratio Functionality	Complete	5	5	0.4		0.	7	0.4	0.3	42.9	
ERCOT Flight Certification Website	Execution	-	6	0.2	66.7	0.	3	0.3	-	-	
Congestion Revenue Rights (CRR) UI Framework Upgrade	Execution	6	7	0.3	60.0	0	5	0.5	-	-	
Enterprise Content Alignment Program (ECAP)	Execution	7	8	0.3	37.5	0.	8	0.8	-	-	
Phasor Measurement Unit (PMU) Tool Evaluation and Implementation	Planning	-	9	-	n/a	0.	1	-	0.1	100.0	
Multi Station Breaker to Breaker One Lines (Planning)	Planning	-	10	-	-	0.	1	0.1	-	-	
Efficiencies / Enhancements											
IT Change and Configuration Management Phase 2	Not Yet Initiated	-	1	-	-	0.	1	0.1	-	-	
SAS Technical Architecture Redesign	Not Yet Initiated	-	2	-	-	0.	6	0.6	-	-	
Projects Below \$0.7 Million EAC Budget Threshold by Phase											
	Complete			0.6	100.0	0.	6	0.6	-	-	
	Closing			0.1	100.0	0.	1	0.1	-	-	
	Stabilization			0.1	50.0	0.	4	0.2	0.2	50.0	
	Execution			1.0	62.5	1.	8	1.6	0.2	11.1	
	Planning			0.3	25.0	1.	2	1.2	-	-	
	Initiation			-	-	0.3	2	0.1	0.1	50.0	
	On Hold			-	n/a	0.	1	-	0.1	100.0	
	Not Yet Initiated			-	n/a	-		-	-	n/a	
Other Project Spend											
Capital Efficiencies & Enhancements	Execution			0.5	83.3	0.	6	0.6	-	-	
Variance of Completed Projects						(0.	3)	-	(0.3)	100.0	
Variance of In-flight & Not Yet Initiated Projects						(1.	4)	(0.6)	(0.8)	57.1	
			Subtotal	\$ 6.7	63.2	\$ 10.	7 \$	10.6 \$	0.1	0.9	
2016 Budget Expended in 2015						1.	8	-	1.8	100.0	
		Total - Capit	al Enhancements	\$ 6.7	63.2	\$ 12.	.5 \$	10.6 \$	1.9	15.2	
					_						

Electric Reliability Council of Texas, Inc.
Project Expenditures - Capital Enhancements Project Budgets vs. Estimates at Completion (EACs)
As of December 2, 2016
(\$ in Millions)

				Life t	o Date	Es	timate at Con	mpletion (EAC)		
		Order Based	Order Based	Life to	% Spend		-	Varia	nce	
Project Name [Projects listed are at or above \$0.7 Million Estimate at Completion (EAC) Budget threshold]	Current Phase	on PPL Priority: Jan. 1, 2016	on PPL Priority: Current	Date Project Actual	to EAC Forecast	Project Budget	Project Forecast	\$	%	
Regulatory										
Physical Security Project #2	Execution	1	1	\$ 0.7	38.9	\$ 1.8	3 \$ 1.8	\$ -	-	
Configuration Management System (CMS) Requirements for CIP v5 Readiness	Complete	2	2	1.6	100.0	1.0	5 1.6	-	-	
CIP v5 Readiness Project	Complete	3	3	1.0	100.0	1.0	1.0	-	-	
Business Strategy										
Market Participant Online Data Entry: Phase 1	On Hold	1	1	0.3	33.3	0.9	0.9	-	-	
2015 Credit Monitoring and Management (CMM) NPRRs	Planning	2	2	0.5	18.5	2.7	7 2.7	-	-	
Load Forecast Enhancements	Execution	-	3	0.4	57.1	0.7	7 0.7	-	-	
2015 Outage Scheduler Enhancements	Closing	4	4	1.3	100.0	1.3	3 1.3	-	-	
Short Circuit Ratio Functionality	Complete	5	5	0.5	100.0	0.8	3 0.5	0.3	37.5	
ERCOT Flight Certification Website	Execution	-	6	0.3	30.0	1.0	1.0	-	-	
Congestion Revenue Rights (CRR) UI Framework Upgrade	Execution	6	7	0.3	15.8	1.9	1.9	-	-	
Enterprise Content Alignment Program (ECAP)	Execution	7	8	0.5	10.2	4.9	4.9	-	-	
Phasor Measurement Unit (PMU) Tool Evaluation and Implementation	Planning	-	9	-	-	1.1	1.1	-	-	
Multi Station Breaker to Breaker One Lines (Planning)	Planning	-	10	-	-	1.2	2 1.2	-	-	
Efficiencies / Enhancements										
IT Change and Configuration Management Phase 2	Not Yet Initiated	-	1	-	-	1.9	1.9	-	-	
SAS Technical Architecture Redesign	Not Yet Initiated	-	2	-	-	1.4	1.4	-	-	
Projects Below \$0.7 Million EAC Budget Threshold by Phase										
	Complete			1.1	100.0	1.1	1.1	-	-	
	Closing			0.1	100.0	0.1	0.1	-	-	
	Stabilization			0.1	50.0	0.4	1 0.2	0.2	50.0	
	Execution			1.0	45.5	2.2	2.2	-	-	
	Planning			0.3	12.0	2.5	5 2.5	-	-	
	Initiation			-	-	0.3	0.3	-	-	
	On Hold			-	-	0.1	0.1	-	-	
	Not Yet Initiated			-	-	2.2	2 2.2	-	-	
Other Project Spend										
Capital Efficiencies & Enhancements	Execution			0.5	83.3	0.0	6 0.6	-	-	
		Total - Capit	tal Enhancements	\$ 10.5	31.6	\$ 33.7	7 \$ 33.2	\$ 0.5	1.5	
					-					

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.

Statements of Financial Position

As of October 31, 2016 and 2015

(Dollars in Thousands)

		2016	2015		
Assets					
Current assets:					
Cash and cash equivalents	\$	289,143	\$	298,749	
Accounts receivable		2,840		1,548	
Unbilled revenue		2,939		2,502	
Restricted cash		379,389		440,422	
Prepaid expenses and other current assets		19,525		17,582	
Total current assets		693,836		760,803	
Property and equipment, net		90,328		84,607	
Systems under development		31,897		31,836	
Total assets	\$	816,061	\$	877,246	
Liabilities and Unrestricted Net Assets Current liabilities: Accounts payable	\$	5,792	\$	2,604	
Accrued liabilities	*	16,813	•	11,301	
Deferred revenue		2,518		2,670	
Market settlement liabilities		309,885		338,184	
Security deposits		379,389		440,422	
Notes payable, current portion		4,000		4,000	
Total current liabilities		718,397		799,181	
Notes payable:					
Principal		60,000		64,000	
Less unamortized debt issuance cost		216		226	
Notes payable less unamortized debt issuance cost		59,784		63,774	
Other long term liabilities		350		346	
Total liabilities		778,531		863,301	
Unrestricted net assets		37,530		13,945	
Total liabilities and unrestricted net assets	\$	816,061	\$	877,246	

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.

Statements of Activities and Net Assets

For the Ten Months Ended October 31, 2016 and 2015

(Dollars in Thousands)

	 2016	2015
Operating revenues		
System administration fees	\$ 166,920 \$	138,806
Reliability organization pass-through	11,647	12,253
Other services revenue	 4,034	3,742
Total operating revenues	 182,601	154,801
Operating expenses		
Salaries and related benefits	80,940	81,533
Facility and equipment costs	8,128	8,001
Outside services	8,747	8,093
Hardware and software maintenance and licensing	19,400	16,623
Reliability organization assessment	11,647	12,253
Depreciation	17,208	50,560
Amortization of regulatory asset	-	(33,526)
Other	5,588	5,557
Total operating expenses	151,658	149,094
Income (loss) from operations	30,943	5,707
Other income (expense)		
Interest income	434	23
Interest expense	(1,593)	(1,765)
Non-operating income	129	359
Change in unrestricted net assets	29,913	4,324
Unrestricted net assets, beginning of year	7,617	9,621
Unrestricted net assets, end of period	\$ 37,530 \$	13,945

ELECTRIC RELIABILITY COUNCIL OF TEXAS, INC.

Statements of Cash Flows

For the Ten Months Ended October 31, 2016 and 2015

(Dollars in Thousands)

		2016	2015
Operating activities:			
Change in unrestricted net assets	\$	29,913 \$	4,324
Adjustments to reconcile change in unrestricted net assets			
to net cash provided by operating activities:			
Depreciation		17,208	50,560
Amortization of regulatory liabilities		-	(33,526)
Amortization of debt issuance costs		14	27
Net gain on capital assets		(113)	(310)
Changes in operating assets and liabilities:			
Accounts receivable		(581)	1,676
Unbilled revenue		(560)	(192)
Prepaid expenses and other assets		(2,483)	(1,271)
Other long-term liabilities		(2)	(83)
Accounts payable		(169)	(561)
Accrued liabilities		3,153	2,229
Deferred revenue		(1,348)	(1,508)
Net cash provided by operating activities		45,032	21,365
Investing activities: Capital expenditures for property and equipment and systems under development Proceeds from sale of property and equipment Net cash (used in) investing activities	_	(13,432) 1 (13,431)	(19,773) - (19,773)
Financing activities:			
Repayment of notes payable		(3,000)	(3,000)
Payment of debt issuance costs		(9)	(9)
(Increase) in restricted cash		(15,840)	(31,410)
(Decrease) in market settlement liabilities		(46,802)	(14,635)
Increase in security deposits		15,840	31,410
Net cash (used in) financing activities		(49,811)	(17,644)
Net (decrease) in cash and cash equivalents		(18,210)	(16,052)
Cash and cash equivalents, beginning of year		307,353	314,801
Cash and cash equivalents, end of period	\$	289,143 \$	298,749