



Control Number: 36699



Item Number: 41

Addendum StartPage: 0

**PROJECT NO. 36699**

**FILINGS MADE IN COMPLIANCE  
WITH ORDER DATED DECEMBER  
22, 2008 IN DOCKET NO. 35639,  
CONCERNING DEPLOYMENT OF  
AN ADVANCED METERING  
SYSTEM BY CENTERPOINT  
ENERGY HOUSTON ELECTRIC,  
LLC**

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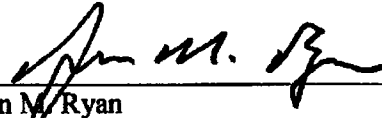
**BEFORE THE  
PUBLIC UTILITY COMMISSION  
OF TEXAS**

1/10/2011 11:03 AM

**2010 ANNUAL REPORT**

CenterPoint Energy Houston Electric, LLC files this annual report for the period ending December 31, 2010 in compliance with Commission Substantive Rule 25.130(f)(5) and the final order entered in Docket No. 35639.

Respectfully submitted,



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State Bar No. 24033150  
Assistant General Counsel  
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**COUNSEL FOR CENTERPOINT ENERGY  
HOUSTON ELECTRIC, LLC**

**ANNUAL FINANCIAL REPORT**  
**ON**  
**ADVANCED METERING SYSTEM**

**CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC**

**FOR PERIOD ENDING DECEMBER 31, 2010**

**March 31, 2011**

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## 2010 Highlights

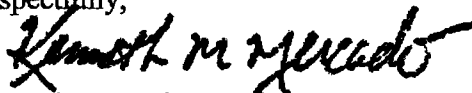
CenterPoint Energy Houston Electric, LLC's ("CEHE") deployment of its advanced metering system ("AMS") continues to progress well with relatively few problems and no significant delays. The project continues to be on-budget as well. CEHE installed almost 800,000 advanced meters during calendar year 2010, and expects to complete deployment by mid 2012. Schedule I presents the Company's actual and planned meter deployment levels for 2010.

CEHE spent approximately \$14 million less in 2010 than estimated in Docket 38339, CEHE's 2010 AMS reconciliation proceeding. Approximately \$3.5 million of the net variance can be attributed to the decision by the Staff and other parties to reschedule implementing the low-income in-home monitors program until more information has been collected regarding the functionality of various in-home devices. Another \$4.0 million variance in total costs is attributable to lower costs for meter and communication deployment. Further, there is \$4.4 million variance in total costs attributed to systems and integrated services deployment. A more detailed explanation of the capital and O&M cost variances from CEHE's estimates in Docket No. 38339 can be found in Schedule II of this report.

Total savings in 2010 attributable to the deployment of AMS were higher than the amount estimated in Docket No. 38339. The achieved savings were \$3,350,510 compared to the estimated savings of \$2,162,512, resulting in a variance of \$1,186,349. The details of 2010 savings and benefits can be found in Schedule III.

Revenues collected through the AMS surcharge were within \$150,000 of the amount projected. The details of revenues collected and estimated by class can be found in Schedule IV.

Respectfully,



Kenneth Mercado  
Division Senior Vice President  
Regulated Operations Technology

**CERTIFICATION**

**Public Utility Commission of Texas – Annual Financial Report on Advanced Metering  
Twelve Months Ending December 31, 2010**

I certify that I am the responsible official of CenterPoint Energy Houston Electric, LLC; that I have examined the foregoing report; that to the best of my knowledge, information, and belief, all statements of fact contained in the said report are true and said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from January to December inclusive.

3/31/11  
Date

Kristie Colvin  
Signature

Kristie Colvin

Division Vice-President for Finance  
CenterPoint Energy Houston Electric, LLC  
P.O. Box 4567  
Houston, Texas 77210-4567  
(713) 207-5350

**2010**

**AMS METER DEPLOYMENT**

**Schedule I – A**

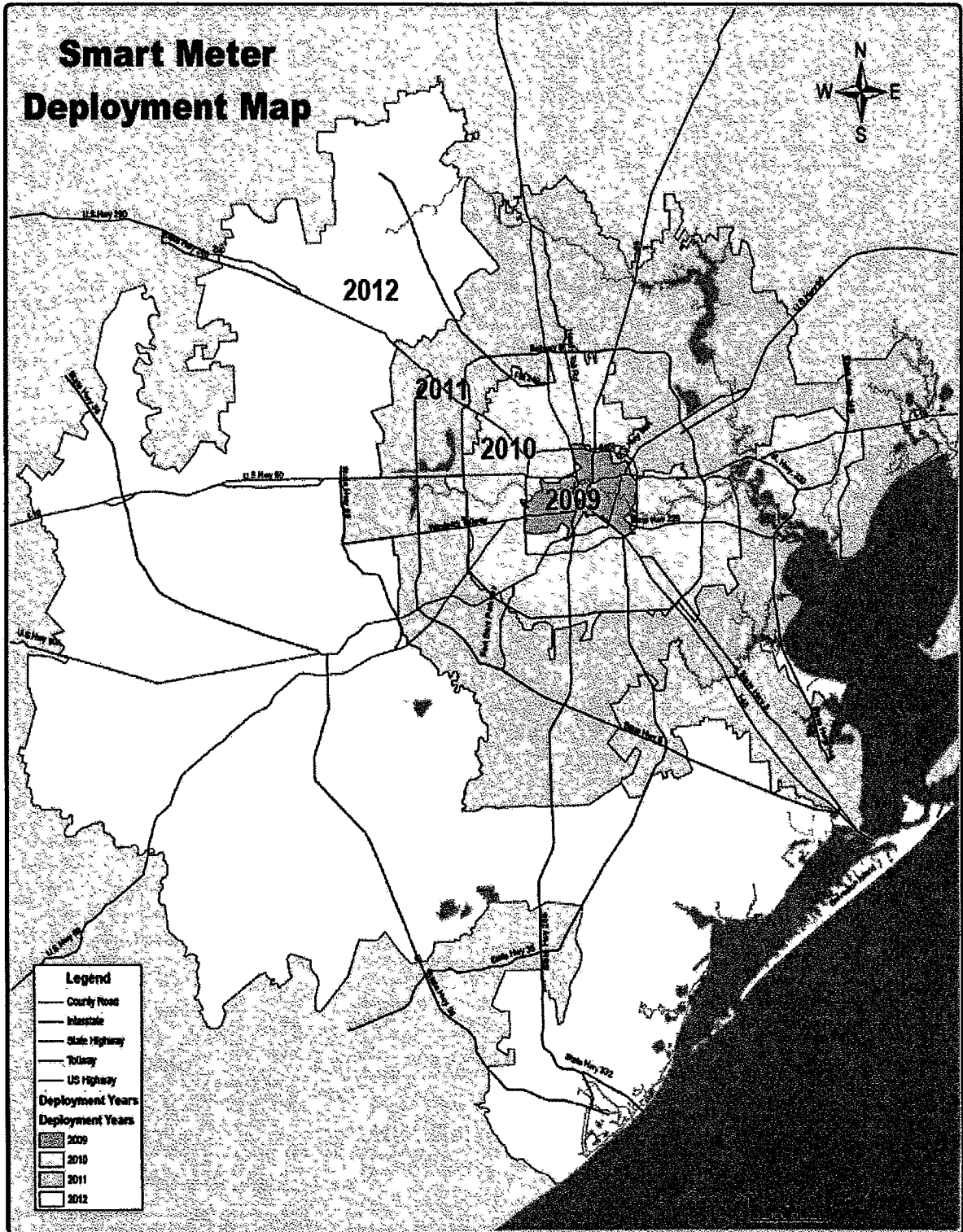
**2010 AMS Meter Deployment [1]  
(Deployment Plan [2] versus Actual Meters Deployed)**

[A]	[B]	[C]	[D]	[E]
<b>Line</b>	<b>Months</b>	<b>Deployment Plan</b>	<b>Actual Meters Deployed</b>	<b>Variance (Actual - Plan)</b>
1	January		42,815	
2	February		52,280	
3	March		41,723	
4	April		52,686	
5	May		55,357	
6	June		58,688	
7	July		71,947	
8	August		87,747	
9	September		84,522	
10	October		89,817	
11	November		79,908	
12	December		80,336	
13	<b>Total</b>	<b>756,684</b>	<b>797,826</b>	<b>41,142</b>

[1] Figures include both residential and small commercial meter installations and reflect the replacement of existing electro-mechanical meters as well as meters to support new customer growth.

[2] The Deployment Plan used for comparison purposes here is the Deployment Plan filed by CEHE in Project No. 36699 on May 14, 2010.

# 2010 METER DEPLOYMENT MAP



**2010**

**AMS PROJECT COSTS**

**Schedule II – A**

**2010 AMS Project Total Costs  
(Docket No. 38339 Estimated versus Actual)**

[A] Line	[B] Descriptions	[C] Estimated Costs [1]	[D] Actual Costs	[E] Variance (Actual - Plan)
	Costs:			
1	PMO	\$ 13,821,936	\$ 9,734,820	\$ (4,087,115)
2	Consumer Education	\$ 2,189,387	\$ 3,011,272	\$ 821,885
3	Metering [2]	\$ 152,422,347	\$ 149,810,911	\$ (2,611,436)
4	Communications [3]	\$ 43,493,205	\$ 42,102,943	\$ (1,390,263)
5	Systems [4]	\$ 26,046,964	\$ 23,839,224	\$ (2,207,740)
6	Smart Meter TX and HAN [5]	\$ 4,737,127	\$ 4,621,136	\$ (115,991)
7	Integrated Services	\$ 11,537,686	\$ 9,302,893	\$ (2,234,792)
8	Retail Market	\$ 3,026,803	\$ 3,698,882	\$ 672,079
9	Process Change	\$ 1,323,877	\$ 1,697,443	\$ 373,566
10	Less DOE Funding	\$(104,907,289)	\$(108,025,019)	\$ (3,117,730)
11	<b>Total Project Costs</b>	<b>\$ 153,692,042</b>	<b>\$ 139,794,505</b>	<b>\$ (13,897,537)</b>

[1] Estimated costs for 2010 are from the detail underlying the total project costs summarized in Exhibit CTL-11 to the Direct Testimony of Cherish Loog submitted in Docket No. 38339.

[2] Includes meter hardware, project field coordination, pre-sweep activities, and installation costs.

[3] Includes radios, cell relays, take-out point towers, other material, project coordination and installation labor costs.

[4] Includes Data Collection Engine, Meter Data Management, system modifications, and project management for both contractor services and AMS and IT internal labor.

[5] Includes the development of the data repository and common portal (Smart Meter Texas), which includes HAN functionality.

**Schedule II – B**

**2010 AMS Project Capital Costs  
(Docket No. 38339 Estimated versus Actual)**

[A]	[B]	[C]	[D]	[E]
Line	Descriptions	Estimated Costs [1]	Actual Costs	Variance (Actual - Plan)
	Costs:			
1	PMO	\$ 8,985,871	\$ 7,973,743	\$ (1,012,128)
2	Consumer Education	\$ -	\$ -	\$ -
3	Metering [2]	\$ 147,889,945	\$ 145,080,925	\$ (2,809,020)
4	Communications [3]	\$ 38,950,324	\$ 37,340,371	\$ (1,609,953)
5	Systems [4]	\$ 18,718,364	\$ 17,758,845	\$ (959,519)
6	Smart Meter TX and HAN [5]	\$ 2,714,729	\$ 1,865,935	\$ (848,794)
7	Integrated Services	\$ 6,339,542	\$ 6,102,680	\$ (236,861)
8	Retail Market	\$ -	\$ -	\$ -
9	Process Change	\$ -	\$ -	\$ -
10	Less DOE Funding	\$ (102,210,045)	\$ (105,073,658)	\$ (2,863,613)
11	<b>Total Capital Costs</b>	<b>\$ 121,388,728</b>	<b>\$ 111,048,840</b>	<b>\$ (10,339,888)</b>

[1] Estimated costs for 2010 are from the detail underlying the total project costs summarized in Exhibit CTL-11 to the Direct Testimony of Cherish Loog submitted in Docket No. 38339.

[2] Includes meter hardware, project field coordination, pre-sweep activities, and installation costs.

[3] Includes radios, cell relays, take-out point towers, other material, project coordination and installation labor costs.

[4] Includes Data Collection Engine, Meter Data Management, system modifications, and project management for both contractor services and AMS and IT internal labor.

[5] Includes the development of the data repository and common portal (Smart Meter Texas), which includes HAN functionality.

**Schedule II – C**

**2010 AMS Project O&M Costs  
(Docket No. 38339 Estimated versus Actual)**

[A]	[B]	[C]	[D]	[E]
Line	Descriptions	Estimated Costs [1]	Actual Costs	Variance (Actual - Plan)
	Costs:			
1	PMO	\$ 4,836,065	\$ 1,761,078	\$ (3,074,988)
2	Consumer Education	\$ 2,189,387	\$ 3,011,272	\$ 821,885
3	Metering [2]	\$ 4,532,402	\$ 4,729,986	\$ 197,584
4	Communications [3]	\$ 4,542,882	\$ 4,762,572	\$ 219,690
5	Systems [4]	\$ 7,328,600	\$ 6,080,379	\$ (1,248,221)
6	Smart Meter TX and HAN [5]	\$ 2,022,398	\$ 2,755,201	\$ 732,803
7	Integrated Services	\$ 5,198,144	\$ 3,200,213	\$ (1,997,931)
8	Retail Market	\$ 3,026,803	\$ 3,698,882	\$ 672,079
9	Process Change	\$ 1,323,877	\$ 1,697,443	\$ 373,566
10	Less DOE Funding	\$ (2,697,244)	\$ (2,951,361)	\$ (254,117)
11	<b>Total O&amp;M Costs</b>	<b>\$ 32,303,314</b>	<b>\$ 28,745,665</b>	<b>\$ (3,557,649)</b>

[1] Estimated costs for 2010 are from the detail underlying the total project costs summarized in Exhibit CTL-11 to the Direct Testimony of Cherish Loog submitted in Docket No. 38339.

[2] Includes meter can/loop repair, revenue diversion investigation, and Data Collection Engine ("DCE") analysis.

[3] Includes GPRS subscription services and Operations Labor Support costs.

[4] Includes DCE, Meter Data Management, and other systems maintenance and support provided by consultants and internal AMS and IT labor resources.

[5] Includes the operations fee of the data repository and common portal (Smart Meter Texas) and the installation of 500 in-home devices.

## **An Explanation of the 2010 Cost Variances**

The cost variances shown in Schedules II-A through II-C reflect the difference between actual expenditures in 2010 and projected expenditures for 2010 (“Estimated Costs”) that were included in Docket No. 38339.<sup>1</sup> For 2010, the total variance between projected and actual expenditures was (\$13,897,537) with 74% being capital related. The variances in capital and operations and maintenance (“O&M”) costs are largely the result of (a) costs related to acceleration, (b) changes in manpower needs, and (c) changes in system requirements.

### **(1) PMO**

#### **(a) Capital:**

- Corporate costs from legal, IT, shared services, human resources, finance, and facilities were (\$636,064) less than estimated to support the acceleration of the program.
- Project management costs from major vendors were (\$492,006) less than estimated to accelerate the program.

#### **(b) Operations and Maintenance Expense:**

- To accommodate market and PUC staff consensus, the low-income in home device program was deferred until the technology and processes could further mature to ensure success of the program, resulting in (\$3,539,470) less spending for the period.
- The accelerated deployment resulted in more management and labor cost spent on production operations sooner than originally anticipated, increasing costs by \$411,146.

### **(2) Consumer Education**

#### **Operations and Maintenance Expense:**

- The consumer education costs (including the distribution of door hangers) were \$821,885 more than planned due to the cost of internal labor to support the consumer education program and the higher than anticipated cost of door hanger distribution. The total consumer education program is still expected to be within the dollars estimated in Docket No. 38339.

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<sup>1</sup> A summary of AMS deployment costs for the entire 2010 - 2017 period may be found in Exhibit CTL-11 to the Direct Testimony of Cherish Loog submitted in Docket No. 38339.

### **(3) Metering**

#### **(a) Capital:**

- The Estimated Costs assumed that additional meters would be inventoried in 2010. Due to the upgrade in meters, the inventory requirement was reduced, resulting in a reduction of costs of (\$1,465,125). This is a timing variance, as total estimated meter purchases has not changed.
- In addition, the Company used internal labor resources to install AMS meters in new construction areas or when old, non-AMS meters needed to be replaced. This resulted in an increased cost of \$2,454,202.
- The Estimated Costs included project management services for the meter deployment based on Itron's project management costs as included in the original Itron contract and an increase of internal resources for managing accelerated deployment. The Itron contract was revised for the shorter deployment period, which resulted in a reduction in management costs for the total project. In addition, there was a timing difference in bringing on additional internal resources. These two items resulted in a cost savings of (\$2,339,466).
- Costs associated with pre-sweeping meter routes for deployment readiness (*e.g.*, inspecting meters for accessibility, meter can or loop damages, safety issues) required less resources than planned. For 2010, this amounted to (\$1,458,361) less in meter capital.

#### **(b) Operations and Maintenance Expense:**

- Severance costs for meter readers were planned in the years 2011 and 2012. However, accounting rules require that these costs be accrued from when the plan is communicated to the employees until their severance date. For 2010, this amounted to \$955,048 of additional meter O&M expense.
- Metering had planned to add additional staff through contractors and internal resources. Due to timing differences in hiring and on-boarding, the Company spent (\$811,112) less than planned.

### **(4) Communications**

#### **(a) Capital:**

- CEHE adjusted the construction of the communications infrastructure, which resulted in an additional \$630,725 in costs in 2010 that were planned in later years.
- There was a timing difference in bringing on the additional resources needed to design and manage the accelerated deployment, which resulted in (\$2,240,687) less costs incurred during the period.

**(b) Operations and Maintenance Expense:**

- There was a timing difference in bringing on personnel to support the operations of the communications infrastructure, which resulted in a labor savings of (\$161,843). This savings was offset by utilizing contractors longer to support the operations until knowledge is transferred to internal personnel, for additional costs of \$366,107.

**(5) Systems**

**(a) Capital:**

- Reductions in planned costs in the amount of (\$3,395,122) were realized in the Scope of Work (“SOW”) related to full system deployment by (1) reducing the number of IBM contractors and (2) relying on more lower-cost contractors for selected tasks where appropriate.
- Additional costs from the company’s IT department for supporting the infrastructure and interfaces of other systems resulted in an increase of \$2,266,201 due to additional requirements.

**(b) Operations and Maintenance Expense:**

- Hardware and software maintenance costs from vendors were \$387,133 higher than planned. These higher vendor maintenance costs were offset by lower costs from the corporate information technology (IT) group (\$1,176,804) and internal AMS systems labor (\$596,608) for supporting the systems and interfaces. Within these savings is an accounting reclassification to process change, which is noted in that category.

**(7) Smart Meter TX and HAN**

**(a) Capital:**

- Build-out in functionality was delayed, resulting in (\$847,794) less in costs than planned for the year.

**(b) Operations and Maintenance Expense:**

- Maintenance costs for the Smart Meter Texas portal increased to support additional requirements to the portal, resulting in \$1,120,523 more costs than estimated.
- The implementation of HAN functionality was delayed, resulting in (\$387,719) lower costs for support during the period.

## **(8) Integrated Services**

### **(a) Capital:**

- Fewer contractor resources were needed for the build-out of the monitoring system, which was offset by the purchase of software and hardware that was planned in 2011. The net impact was a reduction in costs of (\$238,861) for 2010.

### **(b) Operations and Maintenance Expense:**

- The timing of bringing on additional staff to perform monitoring and diagnostics was able to be delayed compared to the initial plan, and was also partially absorbed by the Retail Market group, resulting in a lower spend of (\$1,997,931).

## **(9) Retail Market**

### **Operations and Maintenance Expense:**

- Additional staff was utilized for production support, offset by the reduction in planned contractors, resulting in net additional costs of \$41,252.
- The Navigant Study required by the Commission resulted in \$356,480 in additional costs over estimate. These costs will be offset by a reduction in costs for professional services in the HAN area in years 2011 and later.
- Additional analysts were required for the VEE process in the amount of \$314,147.

## **(10) Process Change**

### **Operations and Maintenance Expense:**

- Contractor costs were \$373,566 higher than estimated due to an accounting reclassification of 2009 costs moved from systems development to the process change group based on the work performed. This is offset by a corresponding O&M reduction in the Systems Category.

## **(11) DOE funding**

### **(a) Capital:**

- DOE funding received was (\$2,863,613) higher than initially estimated. The estimated funding did not include the funding that was received for 2009 costs.

### **(b) Operations and Maintenance Expense:**

Additional DOE funding for process change and diagnostics requirements was received due to higher estimated costs for these functions (\$254,117).

**2010**

**AMS SAVINGS & BENEFITS**

**Schedule III**

**2010 Savings & Benefits by Category  
(Docket No. 38339 Estimated versus Actual)**

[A] Line	[B] Categories	[C] Estimated Savings & Benefits (Exhibit "DT-1")	[D] Actual Savings & Benefits	[E] Variance (Actual - Estimated)
	<b><u>O&amp;M</u></b>			
1	Meter Readers	1,696,859	2,763,066	1,066,207
2	Team Leaders	-	63,714	63,714
3	Special Meter Readers	21,204	-	(21,204)
4	Route Design Personnel	-	26,361	26,361
5	Clothing	5,237	1,261	(3,977)
6	Field Supplies	10,536	6,070	(4,466)
7	Recruiting & Hiring	-	60,000	60,000
8	Fleet Expenses	78,045	53,785	(24,260)
9	Injuries, Vehicle & Other Claims	65,035	-	(65,035)
10	Workman's Comp Insurance Premium	(1,202)	(378)	(824)
11	Handheld Unit Maintenance	23,935	45,438	21,503
12	Meter Sample Testing	-	-	-
13	Meter Reader Data Center Technician	-	8,787	8,787
14	Data Center Software Maintenance	-	17,847	17,847
15	Call Center Staff	-	-	-
16	Business Process Personnel	-	-	-
17	Electric Revenue Billing Personnel	8,846	-	(8,846)
18	Leased Communication Lines	-	-	-
19	Miscellaneous Meter Rereads	17,741	27,707	9,967
20	<b>Total O&amp;M</b>	<b>1,926,237</b>	<b>3,073,660</b>	<b>1,145,775</b>
	<b><u>Revenue Enhancement</u></b>			
21	Revenue Increase due to Theft	227,078	74,186	(152,892)
22	Revenue Increase due to Slow Meters	9,197	28,618	19,422
23	<b>Total Revenue Enhancement</b>	<b>236,275</b>	<b>102,804</b>	<b>(133,471)</b>
	<b><u>Capital</u></b>			
24	Capital for New Fleet	-	105,837	105,837
25	Savings for Retired Vehicles	-	29,209	29,209
26	Handheld Unit Salvage	-	-	-
27	Retired Meter Salvage	-	38,999	38,999
28	<b>Total Revenue Capital</b>	<b>-</b>	<b>174,045</b>	<b>174,045</b>
29	<b>Total Savings &amp; Benefits</b>	<b>2,162,512</b>	<b>3,350,510</b>	<b>1,186,349</b>

## **An Explanation of the 2010 Savings & Benefits Variances**

The comparison baseline (Column B) is comprised of 2010 first quarter actuals and the estimates for the second, third and fourth quarters of 2010 as set forth in "Exhibit DT-1"<sup>2</sup> to the Direct Testimony of Deryl Tumlinson submitted in Docket No. 38339. The variances that were realized in the individual categories are explained below.

### **A. Operations & Maintenance Expenses**

#### **(1) Meter Readers:**

- In 2010, CEHE recognized a savings variance of \$1,066,207 resulting from 1) additional allocation proceeds, 2) earlier than planned approval and acceptance of some meters, and 3) the inclusion of Special Meter Reader labor savings.

#### **(2) Team Leaders:**

- One Team Leader position was vacated in June of 2010, which resulted in CEHE's percentage of salary savings for six months of \$22,708. The allocation of incurred expenses included the calculation of \$41,006 for Team Leader labor. Combined this represents a variance of \$63,714.

#### **(3) Special Meter Readers:**

- Special Meter Reader labor is incorporated into the Meter Reader Labor savings. An estimate of \$21,204 was defined in Exhibit DT-1.

#### **(4) Route Design Personnel:**

- There were no savings projected among Route Design Personnel in Exhibit "DT-1". The allocation of incurred savings included the calculated benefit of \$26,361 for Route Design Personnel labor.

#### **(5) Clothing:**

- The allocation of incurred expenses generated a savings of \$1,261, resulting in a variance of (\$3,977).

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<sup>2</sup> Exhibit DT-1, "Summary of Electric savings and Benefits" may be found in the Direct Testimony of Deryl Tumlinson, Docket No. 38339, June 10, 2010.

**(6) Field Supplies:**

- The allocation of incurred expenses generated a savings of \$6,070, resulting in a variance of (\$4,466).

**(7) Recruiting & Hiring:**

- Exhibit DT-1 did not recognize any savings related to Recruiting & Hiring. In 2010, any replacement meter reading labor resource was provided by a contract service which did not require incurring any recruiting or hiring expenses, resulting in a savings of \$60,000.

**(8) Fleet Expense:**

- The allocation of incurred expenses generated a savings of \$53,785, resulting in a variance of (\$24,260).

**(9) Injuries, Vehicle & Other Claims:**

- In 2010, the Meter Reader bodily injury expenses increased by \$79,128 over 2009, resulting in no savings and a variance of (\$65,035).

**(10) Workman's Comp Insurance Premium:**

- A savings of \$378 in the workman's compensation premium for meter readers was achieved in 2010. This was \$824 less than projected in the estimated savings.

**(11) Handheld Unit Maintenance:**

- In 2010, the handheld maintenance was performed outside of the previous contract coverage, resulting in a savings of \$45,438 and a resulting variance of \$21,503.

**(12) Meter Sample Testing:**

- Meter sample testing costs increased and no related savings were realized in 2010.

**(13) Meter Reader Data Center Technician:**

- Exhibit DT-1 did not identify savings in this category. The allocation of incurred expenses generated a savings of \$8,787, resulting in a variance of \$8,787.

**(14) Data Center Software Maintenance:**

- Exhibit DT-1 did not identify savings in this category. The allocation percentage difference between CEHE and its gas utility affiliate resulted in a savings of \$17,847.

**(15) Call Center Staff:**

- There were no savings related to Call Center staff reductions projected in the estimated savings for 2010 and none were realized.

**(16) Business Process Personnel:**

- There were no savings related to Business Process Personnel reductions projected in the estimated savings for 2010 and none were realized.

**(17) Electric Revenue Billing Personnel:**

- Exhibit DT-1 estimated \$8,846 in savings but no savings related to Electric Revenue Billing personnel reductions were realized in 2010. Staffing is still required to manage the abundance of ADMS related data.

**(18) Leased Communication Lines:**

- There were no savings projected for leased communication lines in the estimated savings for 2010 and none were realized.

**(19) Miscellaneous Meter Rereads:**

- Exhibit DT-1 estimated \$17,741 of savings related to miscellaneous meter rereads. Actual savings of \$27,707 were realized, resulting in an additional savings of \$9,967.

**B. Revenue Enhancement**

**(21) Revenue Enhancement due to Theft:**

- The smaller-than-expected increase in revenue from diversion detection is due to two primary factors. First, fewer cases of diversion are being identified in the deployment area than was initially anticipated. Second, in new Substantive Rule 25.126, the period for which CEHE may back-bill following the discovery of diversion was shortened to six (6) months. Previously, the recovery period depended solely on how far back the Company could prove the diversion existed. The net result was a decrease in achieved benefits of (\$152,892).

**(22) Revenue Enhancement due to Slow meters:**

- As a result of back billing the accounts for slow or stopped meters, revenues of \$28,618 were realized, which is \$19,422 greater than what was planned in Exhibit DT-1.

## **C. Capital**

### **(24) Capital for New Fleet:**

- As a result of reduction in fleet replacements in 2010, savings of \$105,837 was recognized in 2010, which was not identified in Exhibit DT-1.

### **(25) Savings for Retired Vehicles:**

- Exhibit DT-1 did not identify any savings related to the retirement of Meter Reading vehicles. Actual savings was \$29,209, resulting in a difference of \$29,209.

### **(26) Handheld Unit Salvage:**

- At this time, there is no secondary market for these obsolete units, so there is not expected to be any salvage value and Exhibit DT-1 did not identify any savings.

### **(27) Retired Meter Salvage and Sales:**

- In 2010, the sales and salvage of solid state meters resulted in a savings of \$38,999. Exhibit DT-1 did not identify any savings related to the retirement of solid state meters.

**2010**  
**AMS SURCHARGE REVENUES**

**Schedule IV**

**2010 Annual AMS Surcharge Revenues by Customer Class[1]  
(Projected versus Collected)**

[A]	[B]	[C]	[D]	[E]
Line	Customer Class	Projected Surcharge Revenues (Docket No. 38339)	Actual Surcharge Revenues (Collected)	Surcharge Revenue Variance (Actual - Plan)
1	Residential	\$ 72,573,472	\$ 72,477,246	\$ (96,226)
2	Secondary ≤ 10 KVA	\$ 5,443,403	\$ 5,288,950	\$ (154,453)
3	Secondary ≥ 10 KVA	\$ 3,723,082	\$ 3,863,415	\$ 140,334
4	Primary	\$ 9,828	\$ 9,813	\$ (15)
5	<b>Total</b>	<b>\$ 81,749,785</b>	<b>\$ 81,639,425</b>	<b>\$ (110,360)</b>

[1] 2010 AMS Surcharge by Customer Class:

Residential	=	\$3.24
Secondary ≤ 10 KVA	=	\$3.14
Secondary ≥ 10 KVA	=	\$3.16
Primary	=	\$3.16