



Control Number: 36157



Item Number: 41

Addendum StartPage: 0

PROJECT NO. 36157

COMPLIANCE REPORT OF  
ONCOR ELECTRIC DELIVERY  
COMPANY LLC PURSUANT TO  
THE COMMISSION'S ORDER  
ISSUED IN DOCKET NO. 35718

§  
§  
§  
§  
§

BEFORE THE  
PUBLIC UTILITY COMMISSION  
OF TEXAS

RECEIVED  
11 APR 15 PM 2:20  
PUBLIC UTILITY COMMISSION  
FILING CLERK

**COMPLIANCE REPORT OF  
ONCOR ELECTRIC DELIVERY COMPANY LLC FOR MARCH 2011  
PURSUANT TO THE COMMISSION'S ORDER ISSUED IN DOCKET NO. 35718**

TO THE HONORABLE PUBLIC UTILITY COMMISSION OF TEXAS:

COMES NOW Oncor Electric Delivery Company LLC ("Oncor") and files this Compliance Report as required by the Public Utility Commission of Texas (the "Commission") in Docket No. 35718.<sup>1</sup> To streamline this report, Oncor has eliminated those portions of the report in which Oncor has previously reported on its compliance with deadlines in 2009 and 2010.<sup>2</sup> For information on Oncor's compliance with those earlier deadlines, please see the Compliance Reports that Oncor has previously filed in this project. Oncor respectfully shows the following:

**I. DESIGNATED REPRESENTATIVES**

For purposes of this filing, Oncor's designated representatives are as follows:

Jo Ann Biggs  
Vinson & Elkins LLP  
Trammel Crow Center  
2001 Ross Avenue, Suite 3700  
Dallas, Texas 75201-2975  
(214) 220-7700 Office  
(214) 220-7716 Fax  
Email: jbiggs@velaw.com

<sup>1</sup> *Oncor Electric Delivery Company LLC's Request for Approval of AMS Deployment Plan and Request for AMS Surcharge*, Docket No. 35718.

<sup>2</sup> Those deadlines are reflected in the Commission's Order in Docket No. 35718, Findings of Fact Nos. 45, 46, 48, 58, 70, and 74.

and  
Ronnie Puckett  
Senior Regulatory Project Manager  
Oncor Electric Delivery Company LLC  
1616 Woodall Rodgers Freeway, Suite 6B-009  
Dallas, Texas 75202  
214.486.2214 Office  
214.486.3221 Fax  
Email: rpuckett@oncor.com

## II. REPORT

- (1) Number of advanced meters installed, listed by ESIID, with geographic identification.  
**Report:** As of March 31, 2011, 1,634,603 advanced meters have been installed. The ESIID electronic documents listing installed advanced meters will be provided to REPs through the FTP site at <ftp.oncor.com> in the folder labeled AMS Meters. The files list all meters installed by ESIID and indicate whether the meter has been provisioned. This report is updated on a weekly basis.
- (2) By February 28, 2009, the ESIIDs with advanced meters and whether that meter is RF or PLC (additional information required by Project No. 34610).  
**Report:** See (1) as described above.
- (3) Significant delays or deviation from the AMS deployment plan and reasons for delay or deviation.  
**Report:** As of March 31, 2011, there have been no significant delays or deviations from the AMS Deployment Plan. In 2011, Oncor expects to deploy meters in the same geographical areas as described in its approved AMS Deployment Plan, but it will likely experience a reduction in the total number of meters installed in 2011 due to an anticipated persistent lower customer growth rate than was originally anticipated.
- (4) A description of significant problems experienced with the AMS, with an explanation of how the problems are being addressed.  
**Report:** In March 2011, there were no significant problems experienced with the Oncor AMS.
- (5) Number of advanced meters that have been replaced as a result of problems with the AMS.

**Report:** As of March 31, 2011, no advanced meters have been replaced as a result of problems with the AMS. Since AMS deployment began in 2008, there have been a total of 1,220 advanced meters replaced due to a meter-related failure. See the response to item (6) below and Annex A to this Report for the failed meters identified in March 2011.

On July 30, 2010, Oncor committed to replace on an expedited basis any Rev-D meter that exhibits Event Code 2118. During March 2011, seven meters (three Rev-D meters and four non-Rev-D meters) exhibited Event Code 2118. Those meters have been replaced.

- (6) Records of advanced meter failure and repair rates and costs incurred as a result of those failures and repairs; net of warranty payments.

**Report:** Annex A reflects the reports of failures of advanced meters during March 2011. (To streamline the form of this Compliance Report, only failures reported in March 2011 are included in Annex A. For information concerning earlier meter failures, please see Annex A to Compliance Reports that Oncor has previously filed in this Project.) The advanced meter failure rate for the entire deployment period (beginning in 2008) is 0.07%, and the repair rate is 100%. As of March 31, 2011, an estimated \$44,354 in additional costs has been incurred since deployment began in 2008 as a result of advanced meter failures. These costs are net of warranty payments and are essentially the handling costs for Oncor to return the meters back to the factory. Please note that Landis + Gyr has agreed to reimburse Oncor for all costs incurred by Oncor in the replacement of Rev-D meters, including any related shipping costs.

As noted in the January 2011 Compliance Report, work on reducing the meter testing backlog is ongoing. As Oncor works through this backlog over the next several months, the number of meters appearing on Oncor's meter failure report is expected to be above the levels previously shown, but still remain within anticipated failure limits.

- (7) Status of deployment of features identified in the AMS deployment plan and any changes in deployment of these features.

**Report:** As of March 31, 2011, there have been no changes in deployment of features identified in the AMS deployment plan.

- (8) Status of the availability of poly-phase, class 200 (200 amp rating) advanced meters with remotely controlled disconnect/reconnect devices required by Substantive Rule §25.130(g)(1).

**Report: As of March 31, 2011, poly-phase, class 200 advanced meters with remotely controlled disconnect/reconnect devices are not available for the Oncor AMS.**

- (9) Status of the availability of poly-phase, instrument rated advanced meters with HAN communication functionality required by Substantive Rule § 25.130(g)(1).

**Report: As of March 31, 2011, Oncor has approved for use three poly-phase, instrument rated advanced meters (forms 6, 9, and 45) with HAN communication functionality.**

- (10) Status of compliance with ANSI C12.22.

**Report: Based on the approved version of ANSI C12.22, the Oncor AMS will be compliant.**

- (11) Status of achieving the ability to support HAN functionality determined in Project No. 34610.

**Report: As of January 31, 2010, Oncor's AMS supports provisioning/deprovisioning up to five in-home devices, transmitting pricing signals, direct load control or thermostat adjustment signals, and text messaging using ZigBee Smart Energy Profile 1.0. Messages and control signals can be sent point-to-point or broadcast.**

**As of March 31, 2011, the following devices have been validated to operate with the Oncor AMS with the latest ZigBee meter firmware or the version as given. Devices that are in testing or have failed testing are not on this list.**

Aztech	IHM	In-Home Display	4.1.13	1.6.9
Computime	IHM	EmberZNet CTW308	CTW3082-V1-151110X1INST	1.6.9
Computime	PCT		CTL2182d31209T02P35 20	1.6.9
Comverge	IHM	PowerPortal	v1.1.5r1113-G	1.6.9
Comverge	PCT	SuperStat Pro		1.6.9
Control4	IHM	EC-100	2.0705.2.112124	1.6.9
Ecobee	PCT	EB-Stat-01	V1.6.0.314. V1.6.325	1.6.9
Energate	PCT	Z100		1.6.9

EnergyAware	IHM	PowerTab	2.0	
Honeywell	IHM	Home Energy Display	HW Rev E; Display 100730H0. Radio STD0120. Boot 100210BL	1.6.9
Landis+Gyr	IHM	EcoMeter	5276_20100427_v01.01 7aA	1.6.9
LS Research	IHM	RateSaver	Rev E	1.6.9
Rainforest	IHM	Energy Monitoring Unit	1.1.3	1.6.9
Tendril	Gateway	Transport		1.6.9
Tendril	IHM	Insight	1.10.2, 1.11.0	1.6.9
Tendril	LCS	Volt	1.10.2, 1.11.0	1.6.9
Tendril	PCT	Setpoint	8TD726v20804	1.6.9
Tendril	Range Extender	REX-4	1.10.2, 1.11.0	1.6.9
Wireless Glue	IHM	Smartlook A	v2.2, v2.3	1.6.9

- (12) Status of web portal deployment.

**Report:** On March 23, 2010, the Smart Meter Texas (“SMT”) Portal User Interface was launched. The SMT Portal development team in conjunction with the AMIT working group implemented a new change management methodology to improve control and communication. PUC AMIT workshops for SMT Portal Release 2 started in April 2010 to define added market requirements such as M2, M3, and HAN. Release 2 of the SMT Portal was placed in service on August 8, 2010.

- (13) Status of implementation of the low-income monitor program.

**Report:** On June 15, 2010, the Joint TDUs (AEP Texas, CenterPoint, and Oncor), Commission Staff, the Office of Public Utility Counsel, and the Texas Ratepayers’ Organization to Save Energy (collectively, the “RFP Review Team”) decided to postpone making a decision on a potential vendor for in-home monitors.

CenterPoint and Oncor each received permission from the Commission to provide in-home monitors to up to 500 end-use customers. The RFP Review Team decided to gain insight from these deployments prior to proceeding with any decisions related to in-home monitors for the low-income programs. From October 1, 2010 to December 31, 2010, Oncor distributed 500 in-home monitors to end-use customers. Oncor will be filing a report with the Commission in late

March/early April that provides the results of this program. That report will describe the methods used to gain customer interest in program, methods used to distribute the monitors to the interested customers, customer satisfaction survey results, customer service issues, usage information, and any interoperability issues.

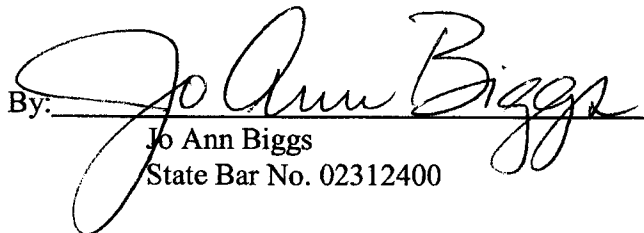
- (14) Status of customer education efforts.

**Report:** During March 2011, the Smart Texas education campaign hosted nine MEC events, one static event, and one table top event. Total visitors for the month were 3,040. There were 43,780 pre-deployment door hangers distributed in the Wichita Falls, Farmers Branch, and Midland Metering Districts, and in the cities of Itasca and Grandview.

Public advertising has not begun for 2011 pending PUC approval of ads. Radio and interactive ad campaign begins in April. Social media sites, including Twitter and Facebook, continue to be used to inform the public of events, general information, and contests. Klout score for March 2011 on social media accounts scored 34/100 and True Reach was 232. Klout score is a measurement of overall online influence. It is measured from 1 to 100. The Klout score is highly correlated to clicks, comments and retweets. True Reach is the size of the engaged online audience.

Respectfully submitted,

Vinson & Elkins LLP

By:   
Jo Ann Biggs  
State Bar No. 02312400

Trammel Crow Center  
2001 Ross Avenue, Suite 3700  
Dallas, Texas 75201-2975  
(214) 220-7700 Office  
(214) 220-7716 Fax

ATTORNEYS FOR ONCOR ELECTRIC DELIVERY  
COMPANY LLC

Annex A  
Oncor Advanced Meter Failures

AMS Meter Failures for March 2011							
Shop Evaluation Date	Com Type	Serial Number	ProblemCategory	Meter Shop Cost	Loaded Cost	Field Adder	Cost Per Unit
03/01/2011	RF-Mesh	103437238	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103981662	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103456111	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103368888	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103437041	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103227206	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104117766	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103565644	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103475975	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104010529	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	105035410	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103283593	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	105558214	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104159358	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103564874	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103476757	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104010246	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103430900	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104970557	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	105002459	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103230710	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104157474	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103340338	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103330523	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103450499	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104017526	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103992654	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	110142838	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	105487429	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104007250	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104008553	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	103232130	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104000936	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104023713	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/01/2011	RF-Mesh	104069877	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103603105	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103228761	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104004859	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104121670	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103437722	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103999514	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103982481	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103983612	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103574489	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104000617	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104088149	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105508191	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105518255	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105058950	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103238179	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103997395	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103436435	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103508640	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103564683	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103452841	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104129644	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103534245	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103324488	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25

Annex A  
Oncor Advanced Meter Failures

03/12/2011	RF-Mesh	103321791	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103612948	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103983114	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103336391	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103989007	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103293470	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103506425	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103528084	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	103542369	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	104208238	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105076837	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	110165520	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105522285	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	107244929	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/12/2011	RF-Mesh	105469757	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/15/2011	RF-Mesh	103455960	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/15/2011	RF-Mesh	101052496	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	103485759	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	104115361	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105078621	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105433084	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	103527306	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	103436325	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105571483	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105567182	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	104000150	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/15/2011	RF-Mesh	103434282	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/15/2011	RF-Mesh	104046035	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	104075721	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	104098046	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105554214	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/15/2011	RF-Mesh	105557688	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/18/2011	RF-Mesh	104010455	Service Disconnect Malfunction	\$15.01	\$24.16	\$10.00	\$34.16
03/21/2011	RF-Mesh	105140909	Blank/Partial Display	\$7.50	\$12.08	\$10.00	\$22.08
03/21/2011	RF-Mesh	104189460	Blank/Partial Display	\$7.50	\$12.08	\$10.00	\$22.08
03/21/2011	RF-Mesh	105022396	Blank/Partial Display	\$7.50	\$12.08	\$10.00	\$22.08
03/21/2011	RF-Mesh	105521817	Blank/Partial Display	\$7.50	\$12.08	\$10.00	\$22.08
03/21/2011	RF-Mesh	104040419	Component Failure	\$7.50	\$12.08	\$10.00	\$22.08
03/28/2011	RF-Mesh	104043976	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	104197926	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103604163	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	104199968	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103435945	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	104021406	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103982532	Component Failure	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	104015962	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103265370	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	104000770	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103430443	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103443896	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	103434665	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
03/28/2011	RF-Mesh	105108991	Failed CT	\$22.51	\$36.25	\$10.00	\$46.25
				\$20,481.82	\$32,983.93	\$11,370.00	\$44,353.93