

DOCKET NO. _____

ONCOR ELECTRIC DELIVERY §
COMPANY LLC'S APPLICATION FOR §
2012 ENERGY EFFICIENCY COST § BEFORE THE
RECOVERY FACTOR § PUBLIC UTILITY COMMISSION
 § OF TEXAS
 §

**ONCOR ELECTRIC DELIVERY COMPANY LLC'S
APPLICATION FOR 2012 ENERGY EFFICIENCY COST RECOVERY FACTOR**

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**ONCOR ELECTRIC DELIVERY COMPANY LLC'S
APPLICATION FOR 2012 ENERGY EFFICIENCY COST RECOVERY FACTOR**

TO THE HONORABLE PUBLIC UTILITY COMMISSION OF TEXAS:

COMES NOW, Oncor Electric Delivery Company LLC ("Oncor" or the "Company") and files this, its Application for the 2012 Energy Efficiency Cost Recovery Factor ("EECRF") (the "Application"), which is timely filed on or before May 1, 2011, in accordance with PURA¹ § 39.905 and Public Utility Commission of Texas ("Commission") Substantive Rule § 25.181(f)(4). In support of this Application, Oncor respectfully shows the following:

I. Purpose of Filing

Under Commission Substantive Rule § 25.181(f)(4), Oncor is required to annually apply not later than May 1 to adjust the EECRF in order to "reflect changes in program costs and bonuses" and "minimize any over- or under-collection of energy efficiency costs resulting from the use of the EECRF." Attached to this Application as Attachment A is Oncor's proposed tariff rider that reflects such adjustments to the Company's EECRF.

II. Commission Jurisdiction

The Commission has jurisdiction over this Application pursuant to PURA § 39.905 and Substantive Rule § 25.181.

III. Affected Persons

This Application, if granted, will affect all of the retail electric providers ("REPs") served by Oncor in its service area who serve customers subject to the EECRF sought

¹ Public Utility Regulatory Act, Tex. Util. Code Ann. §§ 11.001-66.016 (Vernon 2007 & Supp. 2010) ("PURA").

in this filing. Depending on how such REPs treat the costs that would be incurred if this Application is granted, those REPs' customers may also be affected.

IV. Filing Overview

In addition to this Application, this filing also includes direct testimony, exhibits, a proposed tariff rider, and workpapers in one volume that satisfy the requirements of Commission Substantive Rule § 25.181. The Company's direct testimony, along with supporting exhibits and workpapers, is presented by Oncor witnesses Messrs. Michael R. Stockard and J. Michael Sherburne.

V. Background & Relief Requested

In Docket No. 38217, the Commission approved Oncor's 2011 EECRF in the amount of \$51,132,744.² PURA § 39.905 and P.U.C. SUBST. R. 25.181(f)(4) require a utility with an EECRF to apply no later than May 1 of each year to adjust its EECRF in order to reflect changes in program costs and performance bonus, and to minimize any over- or under-collection in prior program year.

Therefore, Oncor is requesting in the current docket approval of its 2012 EECRF in the amount of \$53,898,501. Oncor's request regarding the 2012 EECRF is based on the following components:

- \$48,973,208 in energy efficiency expenses forecasted for the 2012 program year;
- inclusion of an \$8,221,426 Energy Efficiency Performance Bonus under Commission Substantive Rule § 25.181(h) based on Oncor's energy efficiency achievements in 2010; and
- return (i.e., credit) of \$3,296,133 for the over-recovery of 2010 energy efficiency costs.

If approved, Oncor's 2012 EECRF will go into effect on January 3, 2012, coinciding with Oncor's first billing cycle of the January 2012 billing month.

VI. Request for Entry of Protective Order

² Docket No. 38217, Order, Ordering Paragraph 1 at 12 (October 5, 2010).

In preparing this filing, Oncor has compiled necessary materials and information that may include specific contractual and other confidential information. In accordance with the privileges and other protections established by Texas law, Oncor requests stringent confidential treatment of such information where deemed necessary. Accordingly, Oncor requests issuance of, and adherence to, the Commission's standard protective order pursuant to Commission Procedural Rule § 22.142(c). A copy of the standard protective order is attached hereto as Attachment B.

VII. Notice

Oncor will provide notice of this filing by mailing the notice substantially in the form attached hereto as Attachment C by first class mail to all certified REPs in Texas and to all parties in Docket No. 38929 (Oncor's current base rate case). Oncor will also publish the notice substantially in the form attached hereto as Attachment D as a one-time publication in newspapers having a general circulation in each county in Oncor's service territory. The text of the notices contained in Attachment C and Attachment D is generally the same text approved by the Commission in Oncor's 2011 EECRF filing in Docket No. 38217, except that the text of the notices in this filing has been updated with current information. Oncor requests approval of the above-referenced notice text and process as sufficient and in accordance with Commission Procedural Rule § 22.55. Concurrent with the filing of this Application, Oncor will also provide a courtesy copy of the Application to all parties in Docket No. 38217 (Oncor's 2011 EECRF docket).

VIII. Contact Information and Authorized Representatives

Oncor's authorized representative is:

Darryl E. Nelson
Oncor Electric Delivery Company LLC
1616 Woodall Rodgers Freeway
Dallas, Texas 75202-1234
Telephone: (214) 486-6443
Facsimile: (214) 486-3221
darryl.nelson@oncor.com

Oncor's legal representative in the proceeding is:

Ritchie J. Sturgeon
Oncor Electric Delivery Company LLC
1616 Woodall Rodgers Freeway
Dallas, Texas 75202-1234
Telephone: (214) 486-6345
Facsimile: (214) 486-3221
ritchie.sturgeon@oncor.com

General inquiries concerning this filing should be directed to Mr. Nelson at the above-stated address and telephone number. All pleadings, motions, orders, and other documents filed in this proceeding should be served upon Mr. Sturgeon at the above-stated address.

WHEREFORE, PREMISES CONSIDERED, Oncor prays that this Honorable Commission:

- (a) approve Oncor's proposed 2012 EECRF;
- (b) approve Oncor's proposed text and method of providing notice;
- (c) issue the standard protective order to govern protected materials in this proceeding; and
- (d) grant Oncor such other and further relief to which it may be justly entitled.

Respectfully submitted,

Oncor Electric Delivery Company LLC

By: Ritchie J. Sturgeon /s/

Ritchie J. Sturgeon
State Bar No. 24068574
Oncor Electric Delivery Company LLC
1616 Woodall Rodgers Freeway
Dallas, Texas 75202-1234
Telephone: (214) 486-6345
Facsimile: (214) 486-3221

**ATTORNEY FOR ONCOR ELECTRIC
DELIVERY COMPANY LLC**

ATTACHMENT A

Rider EECRF – Energy Efficiency Cost Recovery Factor

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 1 of 2
Revision: Five

6.1.1.6.3 Rider EECRF - Energy Efficiency Cost Recovery Factor

APPLICATION

Applicable, pursuant to PURA § 39.905(b)(4) and Substantive Rule § 25.181(f), to all customers in customer classes that receive services under the Company's energy efficiency programs.

METHOD OF CALCULATION

An Energy Efficiency Cost Recovery Factor (EECRF) shall be calculated annually in accordance with the following formula:

$EECRF_c = [(Exp_p - Rev_p) + (Exp_a - Rev_a) + Incent] \div CUST_p$, where:

$EECRF_c$ = Energy Efficiency Cost Recovery Factor for the class.

Exp_p = Projected expense for next year by class.

Rev_p = Projected revenue in base rates for the next year by class.

Exp_a = Actual expense from the previous year by class.

Rev_a = Actual revenue in base rates and EECRF from the previous year by class.

Incent = An allowance approved by the PUC for recovery by the Company in recognition of Company performance in exceeding its demand reduction goals.

$CUST_p$ = Cumulative number of bills by class forecast for all months of the next year.

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities.

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 2 of 2
Revision: Five

Energy Efficiency Cost Recovery Factor (EECRF)

<u>Effective Date</u>	Residential Service	Secondary Service		Primary Service > 10 kW –			Transmission Service	Lighting Service
	(\$ / Retail Customer)	≤ 10 kW (\$ / Retail Customer)	> 10 kW (\$ / Retail Customer)	≤ 10 kW (\$ / Retail Customer)	Distribution Line (\$ / Retail Customer)	> 10 kW – Substation (\$ / Retail Customer)	(\$ / Retail Customer)	(\$ / Retail Customer)
Jan. 3, 2012	0.98	0.35	6.57	0.00	138.84	(425.89)	(25.38)	0.00
Dec. 30, 2010	0.91	0.01	8.14	4.79	75.91	185.59	(71.62)	0.00
Dec. 30, 2009	0.89	0.11	9.66	0.06	59.87	720.49	273.71	0.00
Sept. 17, 2009	0.92	0.22	8.68	0.00	76.27	76.27	443.77	0.00
Dec. 29, 2008	0.22	(0.79)	2.48	(2.17)	26.17	26.17	(227.52)	(0.17)

ATTACHMENT B

DOCKET NO. _____

ONCOR ELECTRIC DELIVERY
COMPANY LLC'S APPLICATION FOR
2011 ENERGY EFFICIENCY COST
RECOVERY FACTOR

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BEFORE THE
PUBLIC UTILITY COMMISSION
OF TEXAS

PROTECTIVE ORDER

This Protective Order shall govern the use of all information deemed confidential (Protected Materials) or highly confidential (Highly Sensitive Protected Materials), including information whose confidentiality is currently under dispute, by a party providing information to the Public Utility Commission of Texas (Commission) or to any other party to this proceeding.

It is ORDERED that:

1. **Designation of Protected Materials.** Upon producing or filing a document, including, but not limited to, records on a computer disk or other similar electronic storage medium in this proceeding, the producing party may designate that document, or any portion of it, as confidential pursuant to this Protective Order by typing or stamping on its face "PROTECTED PURSUANT TO PROTECTIVE ORDER ISSUED IN DOCKET NO. _____" (or words to this effect) and consecutively Bates Stamping each page. Protected Materials and Highly Sensitive Protected Materials include the documents so designated, as well as the substance of the information contained in the documents and any description, report, summary, or statement about the substance of the information contained in the documents.
2. **Materials Excluded from Protected Materials Designation.** Protected Materials shall not include any information or document contained in the public files of the Commission or any other federal or state agency, court, or local

governmental authority subject to the Public Information Act.³ Protected Materials also shall not include documents or information which at the time of, or prior to disclosure in, a proceeding is or was public knowledge, or which becomes public knowledge other than through disclosure in violation of this Protective Order.

3. **Reviewing Party**. For the purposes of this Protective Order, a “Reviewing Party” is any party to this docket.
4. **Procedures for Designation of Protected Materials**. On or before the date the Protected Materials or Highly Sensitive Protected Materials are provided to the Commission, the producing party shall file with the Commission and deliver to each party to the proceeding a written statement, which may be in the form of an objection, indicating: (a) any exemptions to the Public Information Act claimed to apply to the alleged Protected Materials; (b) the reasons supporting the producing party’s claim that the responsive information is exempt from public disclosure under the Public Information Act and subject to treatment as protected materials; and (c) that counsel for the producing party has reviewed the information sufficiently to state in good faith that the information is exempt from public disclosure under the Public Information Act and merits the Protected Materials designation.
5. **Persons Permitted Access to Protected Materials**. Except as otherwise provided in this Protective Order, a Reviewing Party may access Protected Materials only through its “Reviewing Representatives” who have signed the Protective Order Certification Form (see Exhibit A). Reviewing Representatives of a Reviewing Party include its counsel of record in this proceeding and associated attorneys, paralegals, economists, statisticians, accountants, consultants, or other persons employed or retained by the Reviewing Party and directly engaged in this proceeding. At the request of the PUC Commissioners, copies of Protected Materials may be produced by Commission Staff. The

³ Tex. Gov’t Code Ann. §§ 552.001-552.353 (Vernon 2004).

Commissioners and their staff shall be informed of the existence and coverage of this Protective Order and shall observe the restrictions of the Protective Order.

6. **Highly Sensitive Protected Material Described.** The term “Highly Sensitive Protected Materials” is a subset of Protected Materials and refers to documents or information that a producing party claims is of such a highly sensitive nature that making copies of such documents or information or providing access to such documents to employees of the Reviewing Party (except as specified herein) would expose a producing party to unreasonable risk of harm. Highly Sensitive Protected Materials include but are not limited to: (a) customer-specific information protected by § 32.101(c) of the Public Utility Regulatory Act;⁴ (b) contractual information pertaining to contracts that specify that their terms are confidential or that are confidential pursuant to an order entered in litigation to which the producing party is a party; (c) market-sensitive fuel price forecasts, wholesale transactions information and/or market-sensitive marketing plans; or (d) business operations or financial information that is commercially sensitive. Documents or information so classified by a producing party shall bear the designation “HIGHLY SENSITIVE PROTECTED MATERIALS PROVIDED PURSUANT TO PROTECTIVE ORDER ISSUED IN DOCKET NO. _____” (or words to this effect) and shall be consecutively Bates Stamped. The provisions of this Protective Order pertaining to Protected Materials also apply to Highly Sensitive Protected Materials, except where this Protective Order provides for additional protections for Highly Sensitive Protected Materials. In particular, the procedures herein for challenging the producing party’s designation of information as Protected Materials also apply to information that a producing party designates as Highly Sensitive Protected Materials.
7. **Restrictions on Copying and Inspection of Highly Sensitive Protected Material.** Except as expressly provided herein, only one copy may be made of any Highly Sensitive Protected Materials except that additional copies may be

⁴ Public Utility Regulatory Act, Tex. Util. Code Ann., § 32.101(c) (Vernon 1998 & Supp. 2006) (PURA).

made to have sufficient copies for introduction of the material into the evidentiary record if the material is to be offered for admission into the record. The Reviewing Party shall maintain a record of all copies made of Highly Sensitive Protected Material and shall send a duplicate of the record to the producing party when the copy or copies are made. The record shall specify the location and the person possessing the copy. Highly Sensitive Protected Material shall be made available for inspection only at the location or locations provided by the producing party, except as specified by Paragraph 9. Limited notes may be made of Highly Sensitive Protected Materials, and such notes shall themselves be treated as Highly Sensitive Protected Materials unless such notes are limited to a description of the document and a general characterization of its subject matter in a manner that does not state any substantive information contained in the document.

8. **Restricting Persons Who May Have Access to Highly Sensitive Protected Material.** With the exception of Commission Staff, The Office of the Attorney General (OAG), and the Office of Public Utility Counsel (OPC), and except as provided herein, the Reviewing Representatives for the purpose of access to Highly Sensitive Protected Materials may be persons who are (a) outside counsel for the Reviewing Party, (b) outside consultants for the Reviewing Party working under the direction of Reviewing Party's counsel or, (c) employees of the Reviewing Party working with and under the direction of Reviewing Party's counsel who have been authorized by the presiding officer to review Highly Sensitive Protected Materials. The Reviewing Party shall limit the number of Reviewing Representatives that review Highly Sensitive Protected Materials to the minimum number of persons necessary. The Reviewing Party is under a good faith obligation to limit access to each portion of any Highly Sensitive Protected Materials to two Reviewing Representatives whenever possible. Reviewing Representatives for Commission Staff, OAG, and OPC, for the purpose of access to Highly Sensitive Protected Materials, shall consist of their respective counsel of record in this proceeding and associated attorneys,

paralegals, economists, statisticians, accountants, consultants, or other persons employed or retained by them and directly engaged in these proceedings.

9. **Copies Provided of Highly Sensitive Protected Material.** A producing party shall provide one copy of Highly Sensitive Protected Materials specifically requested by the Reviewing Party to the person designated by the Reviewing Party who must be a person authorized to review Highly Sensitive Protected Material under Paragraph 8. Representatives of the Reviewing Party who are authorized to view Highly Sensitive Protected Material may review the copy of Highly Sensitive Protected Materials at the office of the Reviewing Party's representative designated to receive the information. Any Highly Sensitive Protected Materials provided to a Reviewing Party may not be copied except as provided in Paragraph 7. The restrictions contained herein do not apply to Commission Staff, OPC, and the OAG when the OAG is representing a party to the proceeding.
10. **Procedures in Paragraphs 10-14 Apply to Commission Staff, OPC, and the OAG and Control in the Event of Conflict.** The procedures in Paragraphs 10 through 14 apply to responses to requests for documents or information that the producing party designates as Highly Sensitive Protected Materials and provides to Commission Staff, OPC, and the OAG in recognition of their purely public functions. To the extent the requirements of Paragraphs 10 through 14 conflict with any requirements contained in other paragraphs of this Protective Order, the requirements of these Paragraphs shall control.
11. **Copy of Highly Sensitive Protected Material to be Provided to Commission Staff, OPC and the OAG.** When, in response to a request for information by a Reviewing Party, the producing party makes available for review documents or information claimed to be Highly Sensitive Protected Materials, the producing party shall also deliver one copy of the Highly Sensitive Protected Materials to the Commission Staff, OPC, and the OAG (if the OAG is representing a party) in Austin, Texas. Provided however, that in the event such Highly Sensitive Protected Materials are voluminous, the materials will be made available for

review by Commission Staff, OPC, and the OAG (if the OAG is representing a party) at the designated office in Austin, Texas. The Commission Staff, OPC and the OAG (if the OAG is representing a party) may request such copies as are necessary of such voluminous material under the copying procedures specified herein.

12. **Delivery of the Copy of Highly Sensitive Protected Material to Commission Staff and Outside Consultants.** The Commission Staff, OPC, and the OAG (if the OAG is representing a party) may deliver the copy of Highly Sensitive Protected Materials received by them to the appropriate members of their staff for review, provided such staff members first sign the certification specified by Paragraph 15. After obtaining the agreement of the producing party, Commission Staff, OPC, and the OAG (if the OAG is representing a party) may deliver the copy of Highly Sensitive Protected Materials received by it to the agreed, appropriate members of their outside consultants for review, provided such outside consultants first sign the certification in Exhibit A.
13. **Restriction on Copying by Commission Staff, OPC and the OAG.** Except as allowed by Paragraph 7, Commission Staff, OPC and the OAG may not make additional copies of the Highly Sensitive Protected Materials furnished to them unless the producing party agrees in writing otherwise, or, upon a showing of good cause, the presiding officer directs otherwise. Commission Staff, OPC, and the OAG may make limited notes of Highly Sensitive Protected Materials furnished to them, and all such handwritten notes will be treated as Highly Sensitive Protected Materials as are the materials from which the notes are taken.
14. **Public Information Requests.** In the event of a request for any of the Highly Sensitive Protected Materials under the Public Information Act, an authorized representative of the Commission, OPC, or the OAG may furnish a copy of the requested Highly Sensitive Protected Materials to the Open Records Division at the OAG together with a copy of this Protective Order after notifying the producing party that such documents are being furnished to the OAG. Such

notification may be provided simultaneously with the delivery of the Highly Sensitive Protected Materials to the OAG.

15. **Required Certification.** Each person who inspects the Protected Materials shall, before such inspection, agree in writing to the following certification found in Exhibit A to this Protective Order:

I certify my understanding that the Protected Materials are provided to me pursuant to the terms and restrictions of the Protective Order in this docket, and that I have been given a copy of it and have read the Protective Order and agree to be bound by it. I understand that the contents of the Protected Materials, any notes, memoranda, or any other form of information regarding or derived from the Protected Materials shall not be disclosed to anyone other than in accordance with the Protective Order and unless I am an employee of the Commission or OPC shall be used only for the purpose of the proceeding in Docket No. _____. I acknowledge that the obligations imposed by this certification are pursuant to such Protective Order. Provided, however, if the information contained in the Protected Materials is obtained from independent public sources, the understanding stated herein shall not apply.

In addition, Reviewing Representatives who are permitted access to Highly Sensitive Protected Material under the terms of this Protective Order shall, before inspection of such material, agree in writing to the following certification found in Exhibit A to this Protective Order:

I certify that I am eligible to have access to Highly Sensitive Protected Material under the terms of the Protective Order in this docket.

The Reviewing Party shall provide a copy of each signed certification to Counsel for the producing party and serve a copy upon all parties of record.

16. **Disclosures between Reviewing Representatives and Continuation of Disclosure Restrictions after a Person is no Longer Engaged in the Proceeding.** Any Reviewing Representative may disclose Protected Materials, other than Highly Sensitive Protected Materials, to any other person who is a Reviewing Representative provided that, if the person to whom disclosure is to be made has not executed and provided for delivery of a signed certification to the party asserting confidentiality, that certification shall be executed prior to any

disclosure. A Reviewing Representative may disclose Highly Sensitive Protected Material to other Reviewing Representatives who are permitted access to such material and have executed the additional certification required for persons who receive access to Highly Sensitive Protected Material. In the event that any Reviewing Representative to whom Protected Materials are disclosed ceases to be engaged in these proceedings, access to Protected Materials by that person shall be terminated and all notes, memoranda, or other information derived from the protected material shall either be destroyed or given to another Reviewing Representative of that party who is authorized pursuant to this Protective Order to receive the protected materials. Any person who has agreed to the foregoing certification shall continue to be bound by the provisions of this Protective Order so long as it is in effect, even if no longer engaged in these proceedings.

17. **Producing Party to Provide One Copy of Certain Protected Material and Procedures for Making Additional Copies of Such Materials.** Except for Highly Sensitive Protected Materials, which shall be provided to the Reviewing Parties pursuant to Paragraphs 9, and voluminous Protected Materials, the producing party shall provide a Reviewing Party one copy of the Protected Materials upon receipt of the signed certification described in Paragraph 15. Except for Highly Sensitive Protected Materials, a Reviewing Party may make further copies of Protected Materials for use in this proceeding pursuant to this Protective Order, but a record shall be maintained as to the documents reproduced and the number of copies made, and upon request the Reviewing Party shall provide the party asserting confidentiality with a copy of that record.
18. **Procedures Regarding Voluminous Protected Materials.** P.U.C. PROC. R. 22.144(h) will govern production of voluminous Protected Materials. Voluminous Protected Materials will be made available in the producing party's voluminous room, in Austin, Texas, or at a mutually agreed upon location, Monday through Friday, 9:00 a.m. to 5:00 p.m. (except on state or Federal holidays), and at other mutually convenient times upon reasonable request.

19. **Reviewing Period Defined.** The Protected Materials may be reviewed only during the Reviewing Period, which shall commence upon entry of this Protective Order and continue until the expiration of the Commission's plenary jurisdiction. The Reviewing Period shall reopen if the Commission regains jurisdiction due to a remand as provided by law. Protected materials that are admitted into the evidentiary record or accompanying the evidentiary record as offers of proof may be reviewed throughout the pendency of this proceeding and any appeals.
20. **Procedures for Making Copies of Voluminous Protected Materials.** Other than Highly Sensitive Protected Materials, Reviewing Parties may take notes regarding the information contained in voluminous Protected Materials made available for inspection or they may make photographic, mechanical or electronic copies of the Protected Materials, subject to the conditions in this Protective Order; provided, however, that before photographic, mechanical or electronic copies may be made, the Reviewing Party seeking photographic, mechanical or electronic copies must provide written confirmation of the receipt of copies listed on Exhibit B of this Protective Order identifying each piece of Protected Materials or portions thereof the Reviewing Party will need.
21. **Protected Materials to be Used Solely for the Purposes of These Proceedings.** All Protected Materials shall be made available to the Reviewing Parties and their Reviewing Representatives solely for the purposes of these proceedings. Access to the Protected Materials may not be used in the furtherance of any other purpose, including, without limitation: (a) any other pending or potential proceeding involving any claim, complaint, or other grievance of whatever nature, except appellate review proceedings that may arise from or be subject to these proceedings; or (b) any business or competitive endeavor of whatever nature. Because of their statutory regulatory obligations, these restrictions do not apply to Commission Staff or OPC.
22. **Procedures for Confidential Treatment of Protected Materials and Information Derived from Those Materials.** Protected Materials, as well as a Reviewing Party's notes, memoranda, or other information regarding or derived

from the Protected Materials are to be treated confidentially by the Reviewing Party and shall not be disclosed or used by the Reviewing Party except as permitted and provided in this Protective Order. Information derived from or describing the Protected Materials shall be maintained in a secure place and shall not be placed in the public or general files of the Reviewing Party except in accordance with the provisions of this Protective Order. A Reviewing Party must take all reasonable precautions to insure that the Protected Materials including notes and analyses made from Protected Materials that disclose Protected Materials are not viewed or taken by any person other than a Reviewing Representative of a Reviewing Party.

23. **Procedures for Submission of Protected Materials.** If a Reviewing Party tenders for filing any Protected Materials, including Highly Sensitive Protected Materials, or any written testimony, exhibit, brief, motion or other type of pleading or other submission at the Commission or before any other judicial body that quotes from Protected Materials or discloses the content of Protected Materials, the confidential portion of such submission shall be filed and served in sealed envelopes or other appropriate containers endorsed to the effect that they contain Protected Material or Highly Sensitive Protected Material and are sealed pursuant to this Protective Order. If filed at the Commission, such documents shall be marked "PROTECTED MATERIAL" and shall be filed under seal with the presiding officer and served under seal to the counsel of record for the Reviewing Parties. The presiding officer may subsequently, on his/her own motion or on motion of a party, issue a ruling respecting whether or not the inclusion, incorporation or reference to Protected Materials is such that such submission should remain under seal. If filing before a judicial body, the filing party: (a) shall notify the party which provided the information within sufficient time so that the producing party may seek a temporary sealing order; and (b) shall otherwise follow the procedures in Rule 76a, Texas Rules of Civil Procedure.
24. **Maintenance of Protected Status of Materials during Pendency of Appeal of Order Holding Materials are not Protected Materials.** In the event that the presiding officer at any time in the course of this proceeding finds that all or part

of the Protected Materials are not confidential or proprietary, by finding, for example, that such materials have entered the public domain or materials claimed to be Highly Sensitive Protected Materials are only Protected Materials, those materials shall nevertheless be subject to the protection afforded by this Protective Order for three (3) full working days, unless otherwise ordered, from the date the party asserting confidentiality receives notice of the presiding officer's order. Such notification will be by written communication. This provision establishes a deadline for appeal of a presiding officer's order to the Commission. In the event an appeal to the Commissioners is filed within those three (3) working days from notice, the Protected Materials shall be afforded the confidential treatment and status provided in this Protective Order during the pendency of such appeal. Neither the party asserting confidentiality nor any Reviewing Party waives its right to seek additional administrative or judicial remedies after the Commission's denial of any appeal.

25. **Notice of Intent to Use Protected Materials or Change Materials Designation.** Parties intending to use Protected Materials shall notify the other parties prior to offering them into evidence or otherwise disclosing such information into the record of the proceeding. During the pendency of Docket No. _____ at the Commission, in the event that a Reviewing Party wishes to disclose Protected Materials to any person to whom disclosure is not authorized by this Protective Order, or wishes to have changed the designation of certain information or material as Protected Materials by alleging, for example, that such information or material has entered the public domain, such Reviewing Party shall first file and serve on all parties written notice of such proposed disclosure or request for change in designation, identifying with particularity each of such Protected Materials. A Reviewing Party shall at any time be able to file a written motion to challenge the designation of information as Protected Materials.
26. **Procedures to Contest Disclosure or Change in Designation.** In the event that the party asserting confidentiality wishes to contest a proposed disclosure or request for change in designation, the party asserting confidentiality shall file with the appropriate presiding officer its objection to a proposal, with supporting

affidavits, if any, within five (5) working days after receiving such notice of proposed disclosure or change in designation. Failure of the party asserting confidentiality to file such an objection within this period shall be deemed a waiver of objection to the proposed disclosure or request for change in designation. Within five (5) working days after the party asserting confidentiality files its objection and supporting materials, the party challenging confidentiality may respond. Any such response shall include a statement by counsel for the party challenging such confidentiality that he or she has reviewed all portions of the materials in dispute and, without disclosing the Protected Materials, a statement as to why the Protected Materials should not be held to be confidential under current legal standards, or that the party asserting confidentiality for some reason did not allow such counsel to review such materials. If either party wishes to submit the material in question for in camera inspection, it shall do so no later than five (5) working days after the party challenging confidentiality has made its written filing.

27. **Procedures for Presiding Officer Determination Regarding Proposed Disclosure or Change in Designation.** If the party asserting confidentiality files an objection, the appropriate presiding officer will determine whether the proposed disclosure or change in designation is appropriate. Upon the request of either the producing or Reviewing Party or upon the presiding officer's own initiative, the presiding officer may conduct a prehearing conference. The burden is on the party asserting confidentiality to show that such proposed disclosure or change in designation should not be made. If the presiding officer determines that such proposed disclosure or change in designation should be made, disclosure shall not take place earlier than three (3) full working days after such determination unless otherwise ordered. No party waives any right to seek additional administrative or judicial remedies concerning such presiding officer's ruling.
28. **Maintenance of Protected Status during Periods Specified for Challenging Various Orders.** Any party electing to challenge, in the courts of this state, a Commission or presiding officer determination allowing disclosure or a change in

designation shall have a period of ten (10) days from: (a) the date of an unfavorable Commission order; or (b) if the Commission does not rule on an appeal of an interim order, the date an appeal of an interim order to the Commission is overruled by operation of law, to obtain a favorable ruling in state district court. Any party challenging a state district court determination allowing disclosure or a change in designation shall have an additional period of ten (10) days from the date of the order to obtain a favorable ruling from a state appeals court. Finally, any party challenging a determination of a state appeals court allowing disclosure or a change in designation shall have an additional period of ten (10) days from the date of the order to obtain a favorable ruling from the state supreme court, or other appellate court. All Protected Materials shall be afforded the confidential treatment and status provided for in this Protective Order during the periods for challenging the various orders referenced in this paragraph. For purposes of this paragraph, a favorable ruling of a state district court, state appeals court, Supreme Court or other appellate court includes any order extending the deadlines in this paragraph.

29. **Other Grounds for Objection to Use of Protected Materials Remain Applicable.** Nothing in this Protective Order shall be construed as precluding any party from objecting to the use of Protected Materials on grounds other than confidentiality, including the lack of required relevance. Nothing in this Protective Order constitutes a waiver of the right to argue for more disclosure, provided, however, that unless the Commission or a court orders such additional disclosure, all parties will abide by the restrictions imposed by the Protective Order.
30. **Protection of Materials from Unauthorized Disclosure.** All notices, applications, responses or other correspondence shall be made in a manner which protects Protected Materials from unauthorized disclosure.
31. **Return of Copies of Protected Materials and Destruction of Information Derived from Protected Materials.** Following the conclusion of these proceedings, each Reviewing Party must, no later than thirty (30) days following

receipt of the notice described below, return to the party asserting confidentiality all copies of the Protected Materials provided by that party pursuant to this Protective Order and all copies reproduced by a Reviewing Party, and counsel for each Reviewing Party must provide to the party asserting confidentiality a letter by counsel that, to the best of his or her knowledge, information, and belief, all copies of notes, memoranda, and other documents regarding or derived from the Protected Materials (including copies of Protected Materials) that have not been so returned, if any, have been destroyed, other than notes, memoranda, or other documents which contain information in a form which, if made public, would not cause disclosure of the substance of Protected Materials. As used in this Protective Order, "conclusion of these proceedings" refers to the exhaustion of available appeals, or the running of the time for the making of such appeals, as provided by applicable law. If, following any appeal, the Commission conducts a remand proceeding, then the "conclusion of these proceedings" is extended by the remand to the exhaustion of available appeals of the remand, or the running of the time for making such appeals of the remand, as provided by applicable law. Promptly following the conclusion of these proceedings, counsel for the party asserting confidentiality will send a written notice to all other parties, reminding them of their obligations under this Paragraph. Nothing in this Paragraph shall prohibit counsel for each Reviewing Party from retaining two (2) copies of any filed testimony, brief, application for rehearing, hearing exhibit or other pleading which refers to Protected Materials provided that any such Protected Materials retained by counsel shall remain subject to the provisions of this Protective Order.

32. **Applicability of Other Law.** This Protective Order is subject to the requirements of the Public Information Act, the Open Meetings Act,⁵ the Texas Securities Act⁶ and any other applicable law, provided that parties subject to those acts will notify the party asserting confidentiality, if possible under those acts, prior to

⁵ Tex. Gov't Code Ann. § 551.001-551.146 (Vernon 2004 & Supp. 2006).

⁶ Tex. Rev. Civ. Stat. Ann. arts. 581-1 to 581-43 (Vernon 1964 & Supp. 2005).

disclosure pursuant to those acts. Such notice shall not be required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.

33. **Procedures for Release of Information under Order.** If required by order of a governmental or judicial body, the Reviewing Party may release to such body the confidential information required by such order; provided, however, that: (a) the Reviewing Party shall notify the producing party of the order requiring the release of such information within five (5) calendar days of the date the Reviewing Party has notice of the order; (b) the Reviewing Party shall notify the producing party at least five (5) calendar days in advance of the release of the information to allow the producing party to contest any release of the confidential information; and (c) the Reviewing Party shall use its best efforts to prevent such materials from being disclosed to the public. The terms of this Protective Order do not preclude the Reviewing Party from complying with any valid and enforceable order of a state or federal court with competent jurisdiction specifically requiring disclosure of Protected Materials earlier than contemplated herein. The notice specified in this section shall not be required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.
34. **Best Efforts Defined.** The term “best efforts” as used in the preceding paragraph requires that the Reviewing Party attempt to ensure that disclosure is not made unless such disclosure is pursuant to a final order of a Texas governmental or Texas judicial body, the written opinion of the Texas Attorney General sought in compliance with the Public Information Act, or the request of governmental officials authorized to conduct a criminal or civil investigation that

relates to or involves the Protected Materials. The Reviewing Party is not required to delay compliance with a lawful order to disclose such information but is simply required to timely notify the party asserting confidentiality, or its counsel, that it has received a challenge to the confidentiality of the information and that the Reviewing Party will either proceed under the provisions of §552.301 of the Public Information Act, or intends to comply with the final governmental or court order. Provided, however, that no notice is required where the Protected Materials are sought by governmental officials authorized to conduct a criminal or civil investigation that relates to or involves the Protected Materials, and those governmental officials aver in writing that such notice could compromise the investigation and that the governmental entity involved will maintain the confidentiality of the Protected Materials.

35. **Notify Defined.** "Notify" for purposes of Paragraphs 32, 33 and 34 means written notice to the party asserting confidentiality at least five (5) calendar days prior to release; including when a Reviewing Party receives a request under the Public Information Act. However, the Commission, OAG, or OPC may provide a copy of Protected Materials to the Open Records Division of the OAG as provided herein.
36. **Requests for Non-Disclosure.** If the producing party asserts that the requested information should not be disclosed at all, or should not be disclosed to certain parties under the protection afforded by this Protective Order, the producing party shall tender the information for in camera review to the presiding officer within ten (10) calendar days of the request. At the same time, the producing party shall file and serve on all parties its argument, including any supporting affidavits, in support of its position of non-disclosure. The burden is on the producing party to establish that the material should not be disclosed. The producing party shall serve a copy of the information under the classification of Highly Sensitive Protected Material to all parties requesting the information that the producing party has not alleged should be prohibited from reviewing the information.

Parties wishing to respond to the producing party's argument for non-disclosure shall do so within five working days. Responding parties should explain why the information should be disclosed to them, including why disclosure is necessary for a fair adjudication of the case if the material is determined to constitute a trade secret. If the presiding officer finds that the information should be disclosed as Protected Material under the terms of this Protective Order, the presiding officer shall stay the order of disclosure for such period of time as the presiding officer deems necessary to allow the producing party to appeal the ruling to the Commission.

37. **Sanctions Available for Abuse of Designation.** If the presiding officer finds that a producing party unreasonably designated material as Protected Material or as Highly Sensitive Protected Material, or unreasonably attempted to prevent disclosure pursuant to Paragraph 36, the presiding officer may sanction the producing party pursuant to P.U.C. PROC. R. 22.161.
38. **Modification of Protective Order.** Each party shall have the right to seek changes in this Protective Order as appropriate from the presiding officer.
39. **Breach of Protective Order.** In the event of a breach of the provisions of this Protective Order, the producing party, if it sustains its burden of proof required to establish the right to injunctive relief, shall be entitled to an injunction against such breach without any requirements to post bond as a condition of such relief. The producing party shall not be relieved of proof of any element required to establish the right to injunctive relief. In addition to injunctive relief, the producing party shall be entitled to pursue any other form of relief to which it is entitled.

EXHIBIT A

Protective Order Certification

I certify my understanding that the Protected Materials are provided to me pursuant to the terms and restrictions of the Protective Order in this docket and that I have received a copy of it and have read the Protective Order and agree to be bound by it. I understand that the contents of the Protected Materials, any notes, memoranda, or any other form of information regarding or derived from the Protected Materials shall not be disclosed to anyone other than in accordance with the Protective Order and unless I am an employee of the Commission or OPC shall be used only for the purpose of the proceeding in Docket No. _____. I acknowledge that the obligations imposed by this certification are pursuant to such Protective Order. Provided, however, if the information contained in the Protected Materials is obtained from independent public sources, the understanding stated here shall not apply.

Signature

Party Represented

Printed Name

Date

I certify that I am eligible to have access to Highly Sensitive Protected Material under the terms of the Protective Order in this docket.

Signature

Party Represented

Printed Name

Date

EXHIBIT B

I request to view/copy the following documents:

Document Requested	# of Copies	Non-Confidential	Protected Materials and/or Highly Sensitive Protected Materials

Signature

Party Represented

Printed Name

Date

ATTACHMENT C

NOTICE OF APPLICATION FOR 2012 ENERGY EFFICIENCY COST RECOVERY FACTOR FILED WITH THE PUBLIC UTILITY COMMISSION OF TEXAS

Date

[Title]

[Address 1]

[Address 2]

[City], TX [zip]

Dear [Title] [Last Name]:

Oncor Electric Delivery Company LLC ("Oncor"), a regulated electric transmission and distribution company, wishes to inform you that on May 2, 2011 it filed an Application for the 2012 Energy Efficiency Cost Recovery Factor with the Public Utility Commission of Texas, a copy of which Application is kept at Oncor's office at 1616 Woodall Rodgers Freeway, 6th floor, Dallas, TX 75202-1234.

If approved, the recovery factor will go into effect on January 3, 2012, coinciding with Oncor's first billing cycle of the January 2012 billing month. Oncor is requesting a nonbypassable charge that, if approved, will be billed to retail electric providers serving residential and non-residential customers. If approved, the recovery factor will be \$0.98 per month per residential Retail Customer and will vary for non-residential Retail Customers as reflected in the proposed tariff rider, Attachment A to Oncor's Application. The proposed tariff rider is summarized in the following table.

Rate Class	EECRF Charge	Billing Unit
Residential Service	\$0.98	Per Retail Customer Per Month
Secondary Service Less Than or Equal to 10 kW	\$0.35	Per Retail Customer Per Month
Secondary Service Greater Than 10 kW	\$6.57	Per Retail Customer Per Month
Primary Service Less Than or Equal to 10 kW	\$0.00	Per Retail Customer Per Month
Primary Service Greater Than 10 kW		
Distribution Line	\$138.84	Per Retail Customer Per Month
Substation	(\$425.89)	Per Retail Customer Per Month
Transmission Service	(\$25.38)	Per Retail Customer Per Month
Lighting Service	\$0.00	Per Retail Customer Per Month

The recovery factor will allow Oncor, in a timely manner, to recover reasonable and necessary costs incurred in administering its energy efficiency programs.

Persons who wish to intervene in or comment upon these proceedings should notify the Public Utility Commission of Texas as soon as possible, as an intervention deadline has been imposed. A request to intervene or for further information should be mailed to the Public Utility Commission of Texas, P.O. Box 13326, Austin, Texas 78711-3326. Further information may also be obtained by calling the Public Utility Commission at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the Commission at (512) 936-7136. The deadline for intervention in the proceeding is _____.

Sincerely,

[Applicant's Representative]
Oncor Electric Delivery Company LLC

ATTACHMENT D

NOTICE OF APPLICATION FOR 2012 ENERGY EFFICIENCY COST RECOVERY FACTOR FILED WITH THE PUBLIC UTILITY COMMISSION OF TEXAS

Oncor Electric Delivery Company LLC ("Oncor"), a regulated electric transmission and distribution company, wishes to inform you that on May 2, 2011 Oncor filed an Application for the 2012 Energy Efficiency Cost Recovery Factor with the Public Utility Commission of Texas, a copy of which Application is kept at Oncor's office at 1616 Woodall Rodgers Freeway, 6th floor, Dallas, TX 75202-1234.

If approved, the recovery factor will go into effect on January 3, 2012, coinciding with Oncor's first billing cycle of the January 2012 billing month. Oncor is requesting a nonbypassable charge that, if approved, will be billed to retail electric providers serving residential and non-residential customers. If approved, the recovery factor will be \$0.98 per month per residential Retail Customer and will vary for non-residential Retail Customers as reflected in the proposed tariff rider, Attachment A to Oncor's Application. The proposed tariff rider is summarized in the following table.

Rate Class	EECRF Charge	Billing Unit
Residential Service	\$0.98	Per Retail Customer Per Month
Secondary Service Less Than or Equal to 10 kW	\$0.35	Per Retail Customer Per Month
Secondary Service Greater Than 10 kW	\$6.57	Per Retail Customer Per Month
Primary Service Less Than or Equal to 10 kW	\$0.00	Per Retail Customer Per Month
Primary Service Greater Than 10 kW		
Distribution Line	\$138.84	Per Retail Customer Per Month
Substation	(\$425.89)	Per Retail Customer Per Month
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The recovery factor will allow Oncor, in a timely manner, to recover reasonable and necessary costs incurred in administering its energy efficiency programs.

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ONCOR ELECTRIC DELIVERY COMPANY LLC

**INDEX TO THE DIRECT TESTIMONY
OF MICHAEL R. STOCKARD, WITNESS FOR
ONCOR ELECTRIC DELIVERY COMPANY LLC**

I. POSITION AND QUALIFICATIONS.....2
II. PURPOSE OF DIRECT TESTIMONY3
III. 2010 ENERGY EFFICIENCY PROGRAM RESULTS.....4
IV. ENERGY EFFICIENCY PERFORMANCE BONUS.....7
V. OVER-RECOVERY OF 2010 ENERGY EFFICIENCY COSTS..... 10
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VII. RECOMMENDATIONS AND CONCLUSIONS..... 13
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EXHIBITS:

EXHIBIT MRS-1 Oncor’s 2011 Energy Efficiency Plan and Report
EXHIBIT MRS-2 Oncor’s Energy Efficiency Expenses by Rate Code for 2010
 Program Year
EXHIBIT MRS-3 Oncor’s 2010 Earned Energy Efficiency Performance Bonus
 Calculation
EXHIBIT MRS-4 Oncor’s Total 2012 EECRF Request by Rate Code

1 Energy Efficiency Programs Manager with responsibility for administration
2 and implementation of the energy efficiency programs identified in PURA
3 § 39.905 and Rule 25.181, and was named Energy Efficiency Manager in
4 2006. In April 2008, I became the Director of Energy Efficiency for Oncor.
5 I have received the Certified Energy Manager, Certified Demand-Side
6 Manager, and the Certified Energy Procurement Professional designations
7 from the Association of Energy Engineers. I am also past Chairman of the
8 Electric Utility Marketing Managers of Texas and am currently serving on
9 the Board of Directors of the Association of Energy Services
10 Professionals, the Consortium for Energy Efficiency and National
11 Association for Technician Excellence.

12 Q. HAVE YOU PREVIOUSLY TESTIFIED IN ANY COMMISSION
13 PROCEEDINGS?

14 A. Yes. I have previously testified before the Commission regarding
15 Demand-Side Management in TU Electric's Integrated Resource Plan
16 Filing, Docket No. 13575. I also filed testimony in Docket No. 34040,
17 *Commission Staff's Petition for Review of the Rates of TXU Electric*
18 *Delivery Company*, but did not testify in person. I also filed testimony, but
19 did not testify in person, in Docket No. 35634 regarding Oncor's Energy
20 Efficiency Cost Recovery Factor ("EECRF") for the 2009 program year,
21 Docket No. 36958 regarding Oncor's EECRF for the 2010 program year
22 and Docket No. 38217 regarding Oncor's EECRF for the 2011 program
23 year. Additionally, I testified in Docket No. 35717, Oncor's base rate case,
24 and filed testimony in Docket No. 38929, but did not testify in person. I
25 also gave a presentation during the hearing in Project No. 37623
26 regarding *Commission's Rulemaking Proceeding to Amend Energy*
27 *Efficiency Rules*.

28 **II. PURPOSE OF DIRECT TESTIMONY**

29 Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

PUC Docket No. _____

**Stockard – Direct
Oncor Electric Delivery
Application for 2012 EECRF**

1 A. The purpose of my direct testimony is to: (1) present the results of
2 Oncor's 2010 energy efficiency program year; (2) describe and support
3 Oncor's calculation of the Energy Efficiency Performance Bonus; (3)
4 describe and support Oncor's over-recovery of 2010 energy efficiency
5 costs; and (4) describe and support Oncor's forecasted 2012 energy
6 efficiency costs that, along with the Company's requested performance
7 bonus and over-recovery of 2010 costs, are included in Oncor's proposed
8 2012 EECRF.

9 For more information related to the Company's proposed 2012
10 EECRF, please refer to the direct testimony of Oncor witness Mr. J.
11 Michael Sherburne.

12 Q. PLEASE SUMMARIZE ONCOR'S PROPOSED 2012 EECRF.

13 A. Oncor is requesting an EECRF that will recover \$53,898,501 for the 2012
14 program year. This request is made under Rule 25.181 and is comprised
15 of the following components: (a) \$8,221,426 Energy Efficiency
16 Performance Bonus under Rule 25.181(h) for 2010 program year
17 achievements; (b) return (i.e., credit) of \$3,296,133 for the over-recovery
18 of 2010 energy efficiency costs; and (c) \$48,973,208 in energy efficiency
19 expenses forecasted for the 2012 program year.

20 For the reasons that I discuss below, Oncor's proposed 2012
21 EECRF is accurately calculated consistent with Rule 25.181 and,
22 furthermore, is reasonable and necessary because it is based on the
23 estimated costs for Oncor to continue successfully fulfilling the energy
24 efficiency goals of the legislature and the Commission.

25 **III. 2010 ENERGY EFFICIENCY PROGRAM RESULTS**

26 Q. WHAT ENERGY EFFICIENCY PROGRAMS DID ONCOR OFFER
27 DURING THE 2010 PROGRAM YEAR?

28 A. During 2010, Oncor offered 17 standard offer programs ("SOPs") and
29 market transformation programs ("MTPs"), including the Targeted Low-
30 Income Weatherization required by PURA § 39.905(f), Rule 25.181(p),

1 and various Commission orders. In addition, Oncor continued
2 administration of its Commission-authorized Demand-Side Management
3 Contracts (“DSM Contracts”).² Oncor also funded energy efficiency
4 research and development efforts consistent with Rule 25.181.

5 Attached to this direct testimony as Exhibit MRS-1 is Oncor’s 2011
6 Energy Efficiency Plan and Report (the “2011 EEPR”) filed with the
7 Commission on April 1, 2011. The 2011 EEPR provides, among other
8 information, the details about Oncor’s energy efficiency programs for the
9 most recently completed program year (2010), including specific
10 information associated with that year’s demand and energy savings, the
11 projected annual growth in demand, and the expenses associated with the
12 Oncor’s energy efficiency programs, including incentive payments and
13 administrative costs. The 2011 EEPR also describes how Oncor intends
14 to fulfill the requirements of Rule 25.181 for the 2011 and 2012 program
15 years. The plan includes a projection of the annual growth in demand, an
16 estimation of the energy and peak demand reduction savings to be
17 obtained through each individual SOP and MTP, a description of the
18 customer classes targeted by Oncor’s energy efficiency programs, and the
19 proposed annual budget required to implement the SOPs and MTPs for
20 each eligible customer class.

21 Q. WHAT WERE ONCOR’S ENERGY EFFICIENCY PROGRAM
22 EXPENDITURES DURING THE 2010 PROGRAM YEAR?

23 A. In 2010, Oncor spent \$41,107,131 on its energy efficiency programs,
24 which amount also included its research and development expenditures.
25 A detailed breakdown of the amounts spent by Oncor on the various
26 programs employed by it during the 2010 program year is shown in

² The final order in Docket No. 22350, *Application of TXU Electric Company for Approval of Unbundled Cost of Service Rate Pursuant to PURA §39.201 and Public Utility Commission Substantive Rule § 25.344*, Findings of Fact Nos. 117-123A, contains information concerning the Commission’s allowance of cost recovery for DSM Contract expenditures.

1 Section VIII, Table 10, of Exhibit MRS-1 (pp. 26-27). In addition, Exhibit
2 MRS-2 details the allocation of 2010 program expenses by rate code.

3 Q. WHAT WAS ONCOR'S DEMAND REDUCTION GOAL FOR THE 2010
4 PROGRAM YEAR?

5 A. Oncor's minimum calculated statutory demand reduction goal for the 2010
6 program year was 53,100 kW, as shown in MW in Section V, Table 7, of
7 Exhibit MRS-1 (p. 19).

8 Q. DURING THE 2010 PROGRAM YEAR, WHAT REDUCTION IN PEAK
9 DEMAND DID ONCOR ACHIEVE THROUGH ITS ENERGY EFFICIENCY
10 PROGRAMS?

11 A. A total of 101,119 kW in demand reduction was achieved during the 2010
12 program year. Section VI, Table 8, of Exhibit MRS-1 (p. 20) provides a
13 breakdown of the peak demand saved by each of Oncor's energy
14 efficiency programs during the 2010 program year.

15 Q. DID ONCOR'S CAPACITY FACTOR FOR THE 2010 PROGRAM YEAR
16 COMPLY WITH RULE 25.181?

17 A. Yes, it did. Oncor achieved a 25.5% capacity factor for the 2010 program
18 year. Rule 25.181(e)(4) requires that "[a]n electric utility shall administer
19 an energy efficiency program designed to meet an energy savings goal
20 calculated from its demand savings goal, using a 20% capacity factor."
21 Rule 25.181(c)(2) defines the "capacity factor" as "[t]he ratio of the annual
22 energy savings goal, in kWh, to the peak demand goal for the year,
23 measured in kW, multiplied by the number of hours in the year; or the ratio
24 of the actual annual energy savings, in kWh, to the actual peak demand
25 reduction for the year, measured in kW, multiplied by the number of hours
26 in the year."

27 In 2010, Oncor's actual peak demand reduction was 101,119 kW,
28 and the actual energy savings was 225,785,412 kWh. See Section VI,
29 Table 8, of Exhibit MRS-1 (p. 20). As shown in the following calculation,
30 based on 8,760 hours for the number of hours in the year, Oncor achieved

1 a capacity factor of 25.5%, which exceeds the 20% capacity factor
2 required by Rule 25.181(e)(4):

3
$$\frac{225,785,412 \text{ kWh}}{(101,119 \text{ kW} \times 8,760 \text{ hours/year})} = 25.5\% \text{ capacity factor achieved.}$$

4

5 **IV. ENERGY EFFICIENCY PERFORMANCE BONUS**

6 Q. DID ONCOR EARN AN ENERGY EFFICIENCY PERFORMANCE
7 BONUS UNDER RULE 25.181(h) BASED ON ITS 2010 PROGRAM
8 YEAR ACHIEVEMENTS?

9 A. Yes, it did. As Rule 25.181(h) provides, “[a] utility that exceeds its
10 demand and energy reduction goals established in this section at a cost
11 that does not exceed the limit established in this section shall be awarded
12 a performance bonus.” Oncor’s statutory demand reduction goal for the
13 2010 program year was 53,100 kW, as shown in MW in Section V, Table
14 7, of Exhibit MRS-1 (p. 19). Oncor achieved verified savings of 101,119
15 kW (90.40% over the statutory goal) and 225,785,412 kWh as shown in
16 Section VI, Table 8, of Exhibit MRS-1 (p. 20).

17 Oncor achieved these savings “at a cost that does not exceed the
18 limit” established by Rule 25.181 because, as suggested by Rule
19 25.181(f)(8) in Project No. 33487, 2010 program expenditures did not
20 exceed “250% of the program budget for 2007 for residential and
21 commercial customers,” as included in the Company’s April 1, 2006
22 Annual Energy Efficiency Plan filed in Project No. 32107. That filing
23 included a 2007 program budget of \$43,550,642. The 2010 program
24 expenditures of \$41,107,131 were 94.4% of the filed 2007 program
25 budget. Thus, Oncor achieved its savings at a cost in accordance with the
26 limits of Rule 25.181(f)(8).

27 Q. HOW IS THE ENERGY EFFICIENCY PERFORMANCE BONUS
28 CALCULATED?

29 A. Rule 25.181(h) defines how the Energy Efficiency Performance Bonus is
30 calculated. The bonus is based on a share of the “net benefits” realized

1 as a result of the utility having met its demand reduction goal. "Net
2 benefits" are calculated according to Rule 25.181(h)(2), which states that
3 they "shall be calculated as the sum of total avoided cost associated with
4 the eligible programs administered by the utility minus the sum of all
5 program costs. Total avoided costs shall be calculated in accordance with
6 this section."

7 Rule 25.181(h)(3) defines the percentage of net benefits that
8 qualifies for a bonus, stating that "[a] utility that exceeds 100% of its
9 demand and energy reduction goals shall receive a bonus equal to 1% of
10 the net benefits for every 2% that the demand reduction goal has been
11 exceeded, with a maximum of 20% of the utility's program costs."

12 Thus, the maximum Energy Efficiency Performance Bonus that a
13 utility can earn if the Rule 25.181 requirements are met is the sum of 20%
14 of the utility's program costs.

15 Q. WHAT IS THE TOTAL AMOUNT OF ONCOR'S EARNED ENERGY
16 EFFICIENCY PERFORMANCE BONUS FOR THE 2010 PROGRAM
17 YEAR?

18 A. The total amount of Oncor's earned Energy Efficiency Performance Bonus
19 for the 2010 program year is \$8,221,426.

20 Q. HOW WAS ONCOR'S EARNED ENERGY EFFICIENCY
21 PERFORMANCE BONUS OF \$8,221,426 CALCULATED?

22 A. As reflected in Section VI, Table 8, of Exhibit MRS-1 (p. 20), each of
23 Oncor's 2010 energy efficiency programs that resulted in actual savings
24 did so in verified kW and kWh savings. Total avoided costs were
25 calculated from the savings for each program using the present value of
26 the avoided cost of capacity under Rule 25.181(d) of \$80/kW per year and
27 avoided cost of energy under the same Rule of \$0.064/kWh per year
28 based on the appropriate measure life years of each program. The
29 present value was calculated using the Estimated Useful Life values for
30 each program's measures approved in Docket No. 36779, a 2% escalation

1 rate, and an 8.14% discount rate based upon Oncor's weighted average
2 cost of capital presented in the settlement proposal that is before the
3 Commission in Docket No. 38929. The 2% escalation rate and 8.14%
4 discount rate were used as required in Rule 25.181(h)(5). The total kW
5 savings avoided costs were then summed with the total kWh savings
6 avoided costs to calculate the total savings avoided costs for each
7 program. Next, all program total savings avoided costs were summed to
8 calculate the total savings avoided costs for the entire 2010 energy
9 efficiency program set, or \$193,092,332 as shown in Exhibit MRS-3. The
10 net benefits were then calculated according to Rule 25.181(h)(2) where
11 net benefits are the sum of total avoided cost associated with the eligible
12 programs (\$193,092,332) minus the sum of all program costs
13 (\$41,107,131), or \$151,985,201 (*i.e.*, \$193,092,332 - \$41,107,131 =
14 \$151,985,201).

15 Oncor's statutory demand reduction goal in 2010 was 53,100 kW
16 and a total of 101,119 kW was actually achieved, which is 90.40% above
17 the statutory goal (101,119 kW minus 53,100 kW divided by 53,100 kW).
18 Rule 25.181(h)(3) states that "[a] utility that exceeds 100% of its demand
19 and energy reduction goals shall receive a bonus equal to 1% of the net
20 benefits for every 2% that the demand reduction goal has been exceeded,
21 with a maximum of 20% of the utility's program costs." As previously
22 shown, Oncor exceeded its statutory demand reduction goal by 90.40%,
23 which results in a qualified bonus of 45.20% of the net benefits (90.40%
24 divided by 2), or \$68,697,311 (earned bonus) = (\$151,985,201 [net
25 benefits] X .4520). However, Rule 25.181(h)(3) also states that the
26 maximum bonus can only be 20% of the utility's program costs.
27 Therefore, Oncor's maximum earned bonus is limited to \$8,221,426 (*i.e.*,
28 .2 X \$41,107,131 [Oncor's 2010 program year costs] = \$8,221,426).

29 Additionally, as required by Rule 25.181(h), Oncor's performance
30 bonus calculation does not include demand or energy savings that

1 resulted from “programs other than programs implemented under [Rule
2 25.181].”

3 The calculation above differs from the calculation in Exhibit MRS-1,
4 Section X (p. 34) because Oncor’s 2011 EEPR was filed April 1, 2011 and
5 used Oncor’s weighted average cost of capital from its previous rate case
6 (Docket No. 35717) of 8.28% as the discount rate. A proposed settlement
7 agreement in Oncor’s current rate case Docket No. 38929 includes a new
8 weighted average cost of capital of 8.14%. The result of revising the
9 calculation using the 8.14%, as the discount rate, resulted in an increase
10 in total net benefits, but the earned performance bonus did not change
11 because Rule 25.181(h)(3) provides a cap of 20% of the utility’s program
12 costs, or \$8,221,426 (*i.e.*, \$41,107,131 (2010 program costs) X .2 =
13 \$8,221,426 earned performance bonus).

14 Please see Exhibit MRS-3 for a summary of the above-described
15 calculation and Section VI, Table 8, of Exhibit MRS-1 (p. 20) for the 2010
16 energy efficiency program year reported and verified savings amounts.

17 Q. IS ONCOR REQUESTING THE TOTAL EARNED ENERGY EFFICIENCY
18 PERFORMANCE BONUS OF \$8,221,426?

19 A. Yes.

20 Q. HOW DID ONCOR ALLOCATE ITS TOTAL EARNED ENERGY
21 EFFICIENCY PERFORMANCE BONUS OF \$8,221,426 AMONG
22 CUSTOMER CLASSES?

23 A. Please refer to Mr. Sherburne’s direct testimony for information and
24 analysis on the allocation of the performance bonus.

25 **V. OVER-RECOVERY OF 2010 ENERGY EFFICIENCY COSTS**

26 Q. DID ONCOR HAVE AN OVER-RECOVERY OF 2010 ENERGY
27 EFFICIENCY COSTS?

28 A. Yes, it did. Oncor had \$3,296,133 in total over-recovery of 2010 energy
29 efficiency costs.

1 Q. WHY WAS THERE AN OVER-RECOVERY OF COSTS FROM THE 2010
2 PROGRAM YEAR?

3 A. While some of the 2010 programs exceeded their budgets, others did not
4 perform at anticipated levels, with a net result of over-recovery. Section
5 VIII, of Exhibit MRS-1 (pp. 24-25) provides an overview summary of these
6 programs and as detailed in Section VIII, Table 10, of Exhibit MRS-1 (pp.
7 26-27), Oncor's over-recovery is based upon the costs associated with its
8 overall expenditures. The following are examples of programs that did not
9 perform at anticipated levels. The Commercial SOP was under budget
10 due to a timing difference between when funds are committed and when
11 projects are actually completed and paid. The Air Conditioning Installer
12 MTP and Air Conditioning Tune-Up MTP were all under budget primarily
13 due to barriers caused by the high demand for service and repair calls
14 during the cooling season that limited the air conditioning contractor's
15 abilities to participate in the programs. The Data Centers MTP was under
16 budget due to measurement and verification projects that were completed
17 late in the year with lower savings than anticipated. The Government
18 Facilities MTP was under budget due to a slow-down in the economy,
19 budget constraints of local governments and "stimulus" funding from the
20 American Recovery & Reinvestment Act provided to local governments
21 requiring long term planning that slowed completion of projects. Finally,
22 the Targeted Weatherization Low-Income Program was under budget due
23 to insufficient participation by some TDHCA sub-recipients. There was
24 also additional funding available from government sources and "stimulus"
25 funding for participating agencies, and they may have placed a higher
26 priority on spending the budget allocations from these sources over the
27 Oncor program. However, funds that were not spent in the Targeted
28 Weatherization Low-Income Program were re-allocated to Oncor's Hard-
29 to-Reach SOP. Thus, under Rule 25.181(f), it is appropriate for Oncor to

1 include this over-recovery of costs in its proposed EECRF for the 2012
2 program year.

3 Q. IS THE OVER-RECOVERY OF ENERGY EFFICIENCY COSTS BEING
4 RETURNED TO RATEPAYERS?

5 A. Yes. The over-recovery is being returned consistent with the
6 Commission's decision in Oncor's last EECRF proceeding in Docket No.
7 38217.

8 Please refer to Mr. Sherburne's direct testimony for more
9 information on the calculation of the amount to be recovered by rate class
10 through the proposed 2012 EECRF.

11 **VI. 2012 FORECASTED ENERGY EFFICIENCY COSTS**

12 Q. WHAT COSTS DOES ONCOR FORECAST FOR 2012 TO OPERATE
13 COST-EFFECTIVE ENERGY EFFICIENCY PROGRAMS THAT
14 ACHIEVE HIGH LEVELS OF ENERGY EFFICIENCY SAVINGS?

15 A. Oncor's proposed EECRF is based upon a total request of \$53,898,501
16 for the 2012 program year. This amount is comprised of an \$8,221,426
17 performance bonus and a return (i.e., credit) of \$3,296,133 for the over-
18 recovery of 2010 energy efficiency costs, both of which are set forth
19 above, and a \$48,973,208 program year budget that Oncor projects is
20 required for 2012. For a more detailed description of the estimated costs
21 for the 2012 energy efficiency program year budget broken out by
22 program for each customer class, please refer to Section IV, Table 6, of
23 Exhibit MRS-1 (pp. 17-18) and Exhibit MRS-4 for the allocation of the
24 forecasted 2012 budget by rate code. The 2012 program year budget of
25 \$48,973,208 is \$250,000 less than shown in Exhibit MRS-1, Section IV,
26 Table 6 (pp. 17-18) due to revised cost estimates for Research and
27 Development.

28 Q. DOES THE 2012 REQUESTED EECRF FOR ENERGY EFFICIENCY
29 PROGRAMS MEET THE COST RECOVERY REQUIREMENTS IN RULE
30 25.181(f)(8)?

1 A. Yes. Rule 25.181(f)(8)(A) sets the not to exceed amount for residential
2 customers in 2012 at \$1.30 if the EECRF is charged on a monthly basis.
3 Oncor's 2012 requested residential monthly surcharge is \$0.98, which is
4 less than the not to exceed amount. Rule 25.181(f)(8)(C) sets the not to
5 exceed amount for non-residential customers in 2012 at \$0.0005 per kWh
6 for consumption of non-residential customer classes. Oncor's 2010
7 weather-adjusted consumption for non-residential customers was
8 57,598,289 MWh. The not to exceed amount calculates to \$28,799,145
9 (57,598,289,000 kWh X \$0.0005/ kWh). Oncor's 2012 total requested
10 EECRF costs for non-commercial customers is \$21,607,667, which is less
11 than the not to exceed amount.

12 Q WILL ANY AMOUNT OF THE 2012 REQUESTED EECRF FOR ENERGY
13 EFFICIENCY PROGRAMS BE USED TO FUND THE COMMITMENT IN
14 DOCKET NO. 34077?

15 A. No. As stated in the settlement of Docket No. 34077, Oncor will not seek
16 to recover any of the \$100 million in incremental demand-side
17 management/energy efficiency program expenditures. Oncor has
18 processes in place whereby it separately tracks these additional funds to
19 demonstrate that the commitment is being satisfied and to demonstrate
20 that the funds are not being recovered in the EECRF.

21 **VII. RECOMMENDATIONS AND CONCLUSIONS**

22 Q. IS ONCOR'S PROPOSED 2012 EECRF REASONABLE AND
23 NECESSARY?

24 A. Yes. Oncor has accurately and correctly calculated its proposed EECRF
25 for 2012 consistent with the requirements of Rule 25.181. Approval of this
26 EECRF will provide Oncor the flexibility to continue to pursue an
27 aggressive set of energy efficiency programs necessary to meet the
28 Company's savings goals, in a cost-effective manner, as established by
29 the legislature and the Commission. For this and the other reasons
30 discussed above and addressed by Mr. Sherburne's direct testimony and

1 the exhibits and workpapers supporting the Company's Application,
2 Oncor's proposed 2012 EECRF is reasonable and necessary and should
3 be approved.

4 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

5 A. Yes, it does.

AFFIDAVIT

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

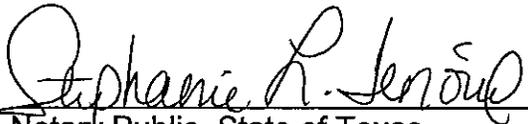
BEFORE ME, the undersigned authority, on this day personally appeared Michael R. Stockard, who, having been placed under oath by me, did depose as follows:

My name is Michael R. Stockard. I am of legal age and a resident of the State of Texas. The foregoing direct testimony and the attached exhibits offered by me are true and correct, and the opinions stated therein are, to the best of my knowledge and belief, accurate, true and correct.

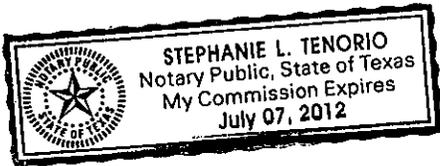


Michael R. Stockard

SUBSCRIBED AND SWORN TO BEFORE ME by the said Michael R. Stockard this 29th day of April, 2011.



Notary Public, State of Texas



PUC Docket No. _____

**Stockard – Direct
Oncor Electric Delivery
Application for 2012 EECRF**

**ONCOR ELECTRIC DELIVERY
COMPANY LLC**

2011 Energy Efficiency Plan and Report
Substantive Rule §25.181 and §25.183

April 1, 2011

Project No. 39105

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INTRODUCTION

Oncor Electric Delivery Company LLC (Oncor or Company) presents this Energy Efficiency Plan and Report (EEPR) to comply with Public Utility Commission of Texas (Commission) Substantive Rules §25.181 and §25.183 (the Energy Efficiency Rule or EE Rule), which implement Public Utility Regulatory Act (PURA) §39.905. PURA §39.905 and the EE Rule require that each investor owned electric utility achieve the following minimum savings goals through market-based standard offer programs (SOPs) and limited, targeted, market transformation programs (MTPs):

- 20% reduction of the electric utility's annual growth in demand of residential and commercial customers for the 2010 and 2011 program years;
- 25% reduction of the electric utility's annual growth in demand of residential and commercial customers for the 2012 program year;
- 30% reduction of the electric utility's annual growth in demand of residential and commercial customers for the 2013 program year and for subsequent program years.

The EE Rule includes specific requirements related to the implementation of SOPs and MTPs by investor-owned electric utilities that control the manner in which they must administer their portfolio of energy efficiency programs in order to achieve their mandated energy efficiency savings goals. Oncor's EEPR is intended to enable the Company to meet its statutory savings goals through implementation of energy efficiency programs in a manner that complies with PURA §39.905 and the EE Rule. As outlined in the EE Rule, this EEPR covers the previous five years of demand savings goals and energy targets, including 2010 achievements, and reports plans for achieving 2011 and 2012 projected energy efficiency savings. The following section provides a description of what information is contained in each of the subsequent sections and appendices.

ENERGY EFFICIENCY PLAN AND REPORT ORGANIZATION

This EEPR consists of an executive summary, ten sections, a list of acronyms, a glossary and four appendices.

- The Executive Summary highlights Oncor's reported achievements for 2010 and Oncor's plans for achieving its 2011 and 2012 projected energy efficiency savings.

Energy Efficiency Plan (EEP)

- Section I describes Oncor's program portfolio. It details how each program will be implemented, discusses related informational and outreach activities, and provides an introduction to any programs not included in Oncor's previous EEP.
- Section II explains Oncor's targeted customer classes, specifying the size of each class and the method for determining those sizes.
- Section III presents Oncor's projected energy efficiency savings goals for the prescribed planning period broken out by program for each customer class.
- Section IV describes Oncor's proposed energy efficiency budgets for the prescribed planning period broken out by program for each customer class.

Energy Efficiency Report

- Section V documents Oncor's actual weather-adjusted demand savings goals and energy targets for the previous five years (2006-2010).
- Section VI compares Oncor's projected energy and demand savings to its reported and verified savings by program for calendar year 2010.
- Section VII details Oncor's incentive and administration expenditures for the previous five years (2006-2010) broken out by program for each customer class.
- Section VIII compares Oncor's actual and budgeted program costs from 2010 broken out by program for each customer class. It also explains any cost increases or decreases of more than 10 percent for Oncor's overall program budget.
- Section IX describes the results from Oncor's MTPs. It compares existing baselines and existing milestones with actual results, and details any updates to those baselines and milestones.
- Section X provides details on Oncor's 2010 Energy Efficiency Cost Recovery Factor (EECRF) and discusses any over- or under-recovery of energy efficiency costs.

Acronyms

- Abbreviations for a list of common terms.

Glossary

- Definitions for a list of common terms.

Appendices

- Appendix A – Reported kW and kWh savings broken out by county for each program.
- Appendix B – Program templates for any new or newly-modified programs and any programs not included in Oncor's previous EEP.
- Appendix C – Description of Oncor's existing DSM contracts or obligations.
- Appendix D – Provides data, explanations, or documents supporting other sections of the EEPR.

EXECUTIVE SUMMARY

The Energy Efficiency Plan portion of this EEPR details Oncor's plans to achieve a 20% reduction in its annual growth in demand of residential and commercial customers for the 2011 program year and a 25% reduction for the 2012 program year. Oncor will also address the corresponding energy savings goal, which is calculated from its demand savings goal using a 20% capacity factor. The goals, budgets and implementation plans that are included in this EEPR are highly influenced by requirements of the EE Rule and lessons learned regarding energy efficiency service provider and customer participation in the various energy efficiency programs. A summary of annual goals and budgets is presented in Table 1.

The Energy Efficiency Report portion of this EEPR demonstrates that in 2010 Oncor successfully implemented SOPs and MTPs, as required by PURA §39.905, that met Oncor's 20% energy efficiency savings goal by procuring 101,119 kW in demand savings. These programs included the Home Energy Efficiency SOP, Commercial SOP, Small Commercial SOP, Hard-to-Reach SOP, Targeted Weatherization Low-Income SOP, Residential Demand Response SOP, and the Commercial Load Management SOP. In addition, Oncor also continued the ENERGY STAR[®] Homes MTP, Air Conditioning Distributor MTP, A/C Installer MTP, Air Conditioning Tune-Up MTP, Data Centers MTP, ENERGY STAR[®] Low-Rise Multifamily MTP, Government Facilities MTP, and the Educational Facilities MTP.

Table 1: Summary of Goals, Projected Savings, and Projected Budgets¹

Calendar Year	Average Growth in Demand (MW at Source)	MW Goal (% of Growth in Demand)	Demand (MW) Goal (at Source)*	Energy MWh Goal (at Source)**	Projected MW Savings (at Meter)	Projected MWh Savings (at Meter)	Projected Budget (000's)
2011	-26	20%	53.1	93,031	95.2	227,022	\$45,084
2012	-26	25%	53.1	93,031	108.9	250,856	\$49,223

* The Demand Goal is actually -5.2 MW when calculated per the EE Rule. However, under the EE Rule, a utility's demand reduction goal shall not be less than the prior year's goal. Thus, the 2011 and 2012 goals are 53.1 MW. Please see Table 4 for information on the 2010 Actual Demand Goal.

** Calculated using a 20% capacity factor.

In order to reach the above projected savings, Oncor proposes to continue implementation of the programs listed above (less the Data Centers MTP, Air Conditioning Distributor MTP, A/C Installer MTP, and Air Conditioning Tune-Up MTP). The Data Centers MTP will be rolled into the Commercial SOP in 2011 and the A/C Programs will be combined into one program, the Air Conditioning MTP, which will have a residential and a commercial component.

The programs Oncor has chosen to implement target both broad market segments and specific market sub-segments that offer significant opportunities for cost-effective savings. Oncor plans to conduct ongoing informational activities to encourage participation in these SOPs and MTPs. For each program, potential participants will be identified and program information will then be tailored to the types of specific participants. At a minimum this will include a program website,

¹ Projected data taken from Table 5 in this document. Budget data for 2010 is taken from Table 6 in this document.

brochures, and an introductory meeting to explain the program prior to the program start-date. Furthermore, Oncor plans to participate in trade shows and conferences to provide information related to its Energy Efficiency Program.

Oncor is continuing its effort to increase Retail Electric Provider (REP) participation in the Energy Efficiency Programs it manages. This plan involves multiple activities and approaches that will reflect Oncor's commitment to this effort. This plan includes, but is not limited to, the following activities:

- Invite REPs to program outreach meetings with Service Providers.
- Coordinated effort with Oncor's REP Relations group to identify key REP contacts. Through REP Executive and on-site visits, Oncor will conduct energy efficiency discussions while sharing related program information and materials during these visits.
- Make contact with individual REPs at local, regional, and national conferences, trade shows and/or events as the opportunity is available.
- Continue to encourage the Service Providers and program implementers to contact REPs to cooperatively market the MTPs and SOPs.

Once an energy efficiency program has been initiated, Oncor plans to offer the program on a first-come, first-served basis.

ENERGY EFFICIENCY PLAN

I. 2011 Programs

A. 2011 Program Portfolio

Oncor plans to implement 13 market transformation and standard offer programs that are based upon Commission-approved program templates. One program, the Targeted Weatherization Low-Income SOP, is required by Senate Bill 712, which was passed by the Texas Legislature in 2005.

As discussed below, the Company's programs target both broad market segments and specific market sub-segments that offer significant opportunities for cost-effective savings. Oncor anticipates that outreach to a broad range of service provider types will be necessary in order to meet the savings goals required by PURA §39.905 and the EE Rule on a continuing basis. Table 2 summarizes the programs and target markets.

Table 2: 2011 Energy Efficiency Program Portfolio

Program	Target Market	Application
Commercial SOP	Large Commercial	Retrofit; New Construction
Small Commercial SOP	Small Commercial Projects 20 kW or less	Retrofit
Hard-to-Reach SOP	Hard-to-Reach residential	Retrofit
Emergency Load Management SOP	Existing Industrial	Load Management
Commercial Load Management SOP	Large Commercial	Load Management
ENERGY STAR® Homes MTP	Residential	New Construction
Air Conditioning MTP	Small Commercial; Residential	Residential - Retrofit; Commercial – Retrofit & New Construction
Educational Facilities MTP	Large Commercial (K-12 & Higher Education Facilities)	Retrofit; New Construction
Government Facilities MTP	Large Commercial (City/County; Government facilities)	Retrofit; New Construction
Home Energy Efficiency SOP	Residential	Retrofit
Residential Demand Response SOP	Residential	Load Management
Targeted Weatherization Low-Income SOP	Low-Income residential	Retrofit
ENERGY STAR® Low-Rise Multifamily MTP	Residential	New Construction

B. Existing Programs

Commercial Standard Offer Program (CSOP)

The Commercial SOP targets large commercial customers with a project of 20 kW or larger or 100,000 kWh or larger. Oncor provides incentives to Service Providers who install approved energy efficiency measures in business, government, nonprofit, and worship facilities in Oncor's service area. These include, but are not limited to, lighting, motors, cooling, ENERGY STAR[®] Roofs, window film, renewable energy projects, and process upgrades as well as new construction that exceeds existing energy code baselines. These energy-saving projects must be approved by Oncor prior to commencement. Once completed, Oncor verifies the savings and the Service Providers receive incentive payments based on the project's actual savings. The 2011 budget for this program is \$11,111,111 with targeted impacts of 21,000 kW and 119,000,000 kWh.

Home Energy Efficiency Standard Offer Program (HEE SOP)

The HEE SOP targets existing residential customers. This program is designed to achieve energy and demand savings in the residential market with the installation of a wide range of energy-efficiency measures in homes built prior to January 2002. Incentives are paid to these Service Providers to help offset the cost of these energy efficiency measures. The incentives may cover the cost of some of the measures completed in the program, while not covering all of the cost of the more expensive measures. Oncor provides the incentive directly to the Service Provider. Charges to customers vary by Service Provider and no incentives for this program are paid directly to the consumer by Oncor. The 2011 budget for this program is \$7,777,778 with targeted impacts of 14,000 kW and 40,000,000 kWh.

The most common energy-efficient measures installed in the HEE SOP are attic insulation, duct sealing, and caulking/weather-stripping around doors and windows. Service Providers must test for air leakage before and after installation when performing the duct sealing and weather-stripping measures. Other eligible energy-efficient measures include replacement of air conditioning units, heat pumps, replacement of electric water heaters, installation of ENERGY STAR[®] windows, refrigerators, dishwashers, clothes washers, solar window screens, window film, wall insulation, floor insulation, water heater jackets and installation of renewable energy sources such as solar photovoltaic panels and solar water heating.

Small Commercial Standard Offer Program (SC SOP)

The SC SOP provides incentives to Service Providers who implement energy-saving projects for commercial customers in Oncor's service area. A small commercial project is defined as energy saving measures completed at sites with an on-peak demand saving of 20 kW or less. Typical examples include restaurants, stores, and small office buildings. Qualifying measures include air conditioning and heat pump systems, high-efficiency lighting, solar photovoltaic systems, data center upgrades and window film.

Incentives vary by the efficiency measure life, and air conditioning incentives vary based on BTUH (British Thermal Units per Hour) range and building type. Service Providers undergo an application process and enter into a standard contract with Oncor. The 2011 program budget is \$711,111 with targeted impacts of 640 kW and 1,800,000 kWh.

Hard-to-Reach Standard Offer Program (HTR SOP)

The HTR SOP targets residences with household incomes at or below 200% of the federal poverty guidelines. This program is designed to achieve energy and demand savings with the installation of a wide range of energy-efficiency measures. Service Providers implement energy saving projects in homes located in Oncor's service area. Incentives are paid to these Service Providers to help offset the cost of these energy efficiency measures. The most common measures, such as duct sealing, insulation, weather-stripping and caulking are installed at low or no cost to the customer. Oncor provides the incentive directly to the Service Provider. The 2011 budget for this program is \$10,777,778 with targeted impacts of 9,700 kW and 36,000,000 kWh. Qualifying measures are similar to those described above for the HEE SOP, as well as water-saving devices and Compact Fluorescent Lighting (CFLs).

Emergency Load Management Standard Offer Program (ELM SOP)

The ELM SOP targets industrial customers with demands greater than 700 kW. This program is grandfathered under the provisions of Substantive Rule §25.181(t). The program is offered to transmission level end-use customers, which includes large industrial sites. Participants are requested to reduce load when called for by Oncor. The demand reductions must be verified by Oncor in order for the incentives to be paid. This is accomplished by reviewing data recorded on Interval Data Recorders (IDRs) and calculating the amount of demand savings achieved through the "curtailment" during the summer on-peak season. The incentive is paid directly to the program participant and a ten-year contract is required to participate in the program. No customers are expected to participate in this program in 2011.

Commercial Load Management Standard Offer Program (CLM SOP)

The CLM SOP targets commercial customers with demands greater than 700 kW. Oncor pays incentives to Service Providers who work with local commercial and manufacturing facilities to achieve documented, on-peak demand reductions in those facilities. The program is designed to assist businesses reduce their on-peak energy demand and help meet the state's energy efficiency goals. The demand reductions must be verified by Oncor in order for the incentives to be paid. This is accomplished by reviewing data recorded on IDRs and calculating the amount of demand savings achieved through the "curtailment" during the summer on-peak season. The incentive is paid directly to the Service Provider. Each project must achieve a total estimated demand savings of at least 100 kW during the on-peak demand period. Participating customers, such as office buildings and hospitals, must reduce load when called for by Oncor. The 2011 budget for this program is \$1,000,000 with targeted impacts of 30,000 kW.

ENERGY STAR[®] Homes Market Transformation Program (ENERGY STAR[®] MTP)

The ENERGY STAR[®] Homes MTP targets new residential construction and is designed to increase energy and demand savings through increased sales of ENERGY STAR[®] homes and products, which use less energy than a home built to the Texas residential building code. Certified ENERGY STAR[®] homes are at least 15% more energy efficient than a home built to the Texas building code and requires a Home Energy Rating System Index score of 85 or less. A home meets this standard through installation of measures such as additional insulation, higher efficiency air conditioning and efficient windows. The 2011 budget for this program is

\$1,111,111 with targeted impacts of 1,700 kW and 1,700,000 kWh. Please see Section IX for additional information on this program.

Air Conditioning Market Transformation Program (AC MTP)

Residential - Oncor's AC MTP offers three options. Option 1 offers incentives to Distributors of residential air conditioning replacement systems. The air conditioning replacement systems must be a new 1.5 to 5-ton matched indoor-to-outdoor unit with an AHRI (Air Conditioning, Heating and Refrigeration Institute) rating of 16 SEER (Seasonal Energy Efficiency Ratio) / 12 EER (Energy Efficiency Ratio) or higher. Heat pump replacement systems must be a new 1.5 to 5-ton unit with an AHRI of 16 SEER / 12 EER and 8.2 HSPF (Heating Seasonal Performance Factor) or higher. Installation must be completed in residential homes that are connected to the Oncor distribution system. Geo Thermal systems must have an EER of 14.1 or greater. Option 2 offers incentives for qualifying AC systems that meet the Energy Star® Quality Installation Standards. These incentives are paid to the participating AC Contractors who have met specific training requirements for participation in this option. Option 3 offers incentives to participating AC contractors who have met specific training requirement that complete qualifying tune-up's on residential AC system. This tune-up verifies that the system is producing 85% or greater of the actual nominal design capacity of the installed system.

The 2011 budget for the Air Conditioning MTP (residential component) is \$1,111,111 with targeted impacts of 1,500 kW and 4,000,000 kWh.

Commercial - Oncor's Air Conditioning MTP is designed to offer incentives to Distributors for commercial air conditioning replacement systems and new installations. The air conditioning systems must be a new 1.5 to 5-ton matched indoor-to-outdoor unit with an AHRI rating of 14 SEER / 12 EER or higher. Heat pump replacement systems must be a new 1.5 to 5-ton unit with an AHRI of 14 SEER / 12 EER and 8.2 HSPF or higher. For systems ranging from 65,001 to 135,000 BTUH, the AHRI rating requires a minimum rating of 11.21 EER or higher, and for systems ranging from 135,001 to 250,000 BTUH, the minimum rating required is 11.1 EER. Installation must be completed in commercial sites that are connected to the Oncor distribution system.

The 2011 budget for the Air Conditioning MTP (commercial component) is \$411,111 with targeted impacts of 620 kW and 1,700,000 kWh.

Educational Facilities Market Transformation Program (EF MTP)

Oncor's Educational Facilities MTP was created to provide viable energy efficiency and demand side reduction solutions for private and public schools K-12, charter schools, colleges and universities located within Oncor's service area. The program also helps educate organizations on energy management, bridges the gap in communication between energy managers and finance officials to help initiate greater investment in energy efficiency opportunities, and provides technical and communications assistance to evaluate opportunities and publicize successes. The program works to transform how organizations think and act toward energy use and helps them minimize the impact of volatile energy costs, ease budget pressures through energy savings and incentives, and provides suggested infrastructure improvements to provide optimum learning environments for students. The 2011 budget for this program is \$4,333,333 with targeted impacts of 8,300 kW and 15,000,000 kWh.

Government Facilities Market Transformation Program (GF MTP)

Oncor's Government Facilities MTP was created to help city and county governments reduce energy use and expenditures through energy efficiency upgrade projects. The program is available to local government entities in Oncor's service area and helps them minimize the impact of volatile energy costs, ease budget pressures, and improve infrastructure by transforming how they think and act toward energy use. It educates organizations on energy management, bridges the communication gap between energy managers and finance officials, and provides technical and communications assistance to evaluate opportunities and publicize successes. The 2011 budget for this program is \$1,444,444 with targeted impacts of 1,300 kW and 3,000,000 kWh.

Residential Demand Response SOP

Oncor's Residential Demand Response SOP is designed to offer residential demand response capabilities as a means to lessen on-peak electric demand. This program encourages participation by residential customers through their REP or a participating Aggregator, to reduce peak demand on Oncor's transmission and/or distribution system. The Residential Demand Response Program will allow the Service Providers to curtail and/or cycle residential customer's central air conditioner (A/C) compressor(s) with technology attached to the customer's equipment. Only central air conditioning units and single-family homes are eligible to participate in the program. The 2011 budget for this program is \$388,889 with targeted impacts of 5,000 kW.

Targeted Weatherization Low-Income SOP

This program is targeted to Oncor's low-income residential customers who meet DOE's income eligibility guidelines which are at or below 200% of the federal poverty level guidelines and are connected to Oncor's electric system. Incentive funds are provided to the Texas Department of Housing and Community Affairs (TDHCA) sub-recipient agencies and other not-for-profit or local government agencies, enabling them to provide weatherization services to qualifying customers. Participating agencies provide outreach, eligibility verification, assessments, and will either install or contract for the installation of cost-effective energy-efficient measures. Agencies receive reimbursement for conducting assessments and installing the measures, plus an administrative fee equal to eight percent of the measure installation costs. The maximum expenditure per home is \$6,500.

Energy-efficient measures installed include attic insulation, duct sealing and caulking/weatherstripping around doors and windows, central air conditioning units, central heat pumps, window air conditioning units, replacement of electric water heaters, installation of ENERGY STAR® refrigerators, solar window screens, wall insulation, CFLs, water heater jackets and ENERGY STAR® ceiling fans with light kit. The 2011 budget for this program is \$3,792,157 with targeted impacts of 1,200 kW and 3,800,000 kWh.

Prior to 2005, the TDHCA administered a targeted energy efficiency program that was funded through the System Benefit Fund (SBF). When appropriations from the SBF were discontinued for TDHCA's program in 2005, the Texas Legislature enacted SB 712. SB 712 amended PURA §39.905(f), requiring unbundled utilities like Oncor to fund through rates a targeted low-income energy efficiency program that would be administered by TDHCA. In the summer of 2006, the Commission approved (in Docket No. 32103) an agreement among TLSC/Texas ROSE, the Commission Staff, Oncor (then TXU Electric Delivery Company), AEP Texas Central Company, AEP Texas North Company, CenterPoint Energy Houston Electric, LLC, and Texas-New Mexico

Power Company, that reflected a plan for implementing SB 712's requirements in calendar years 2006 and 2007 (the Docket No. 32103 Agreement). Oncor agreed to provide \$3,412,941 annually to TDHCA for the Company's SB 712 obligation. Among other terms, the Docket No. 32103 Agreement provided that the program would be targeted to households with income at or below 125% of the federal poverty guidelines.

On May 23, 2007, TDHCA informed Oncor that it was not authorized to spend the funds paid by Oncor due to a ruling by the Office of Comptroller of Public Accounts, and that Oncor should make alternative arrangements to complete the program that did not involve TDHCA. Thus, Oncor promptly entered into talks with Frontier Associates LLC (Frontier) and ultimately reached an agreement with Frontier for it to administer the SB 712 program in Oncor's service area, *i.e.*, the Pilot Targeted Weatherization Low-Income Program.

On July 27, 2007, TLSC/Texas ROSE filed a petition with the Commission seeking to have TACAA designated as the sole administrator for the SB 712 programs of all the unbundled utilities, including Oncor. TLSC/Texas ROSE's petition was litigated in Docket No. 34630, *Petition of Texas Legal Services Center and Texas Ratepayers' Organization to Save Energy to Modify the Commission's Final Order in Docket No. 32103 and to Reform the Agreement to Implement Weatherization Programs*. The Commission found that the utilities should have the flexibility to contract with a provider of their choice, as Oncor did with Frontier, to implement SB 712 programs.

ENERGY STAR® Low-Rise Multifamily MTP

Based on the results of the baseline survey and developer survey conducted in 2008, it was determined that there was a strong desire for market differentiation by developers in the multifamily market. Developers expressed a strong interest in converting their units to ENERGY STAR®. Along with recruiting developers, the program focuses on architects, general contractors and apartment management companies. The program provides an integrated approach to achieving peak demand and energy savings with a long-term goal of transforming the multifamily construction market to deliver more efficient units. It encourages developers to improve the design and construction practices for new multifamily residential complexes to achieve increased energy efficiency. The program also educates developers about energy efficiency construction practices and increases customer awareness of ENERGY STAR® multifamily units. In order to meet ENERGY STAR® requirements, developers must switch to an up-flow air conditioning system or properly seal the building cavity for pancake air conditioning systems. The 2011 budget for this program is \$364,444 with targeted impacts of 250 kW and 1,022,000 kWh.

Research and Development

During 2011, Oncor will continue to fund the programs at Electric Power Research Institute (EPRI) that were funded in 2010. These programs include Program 170 – End-Use Energy Efficiency and Demand Response in a Low-Carbon Future, and the Energy Efficiency Demonstration project that will demonstrate six hyper-efficient technologies. For more details on these programs, please see Section IX.

C. New Programs for 2011

Oncor has no new programs in 2011.

D. Existing DSM Contracts or Obligations

There were no new projects installed under Oncor's existing DSM contracts as of January 1, 2006 forward and, thus, there will be no additional savings reported from the existing DSM contracts, although the contracts required payments through 2010. A description of the final DSM contract, including information about the type and duration of the energy efficiency project(s) implemented pursuant to the contract and the customer class that the project(s) serves, is included in Appendix C. The approved 2010 budget for this program was \$1,050,000 as shown in Table 6. However, due to early completion of Planergy Services and MC2 Energy Management's annual Measurement and Verification Reports, a portion of the contract payments projected to occur in 2010 were distributed in 2009, leaving a remaining obligation of \$278,467 as shown in Appendix C. The difference between the approved budget and the remaining obligation was allocated among other commercial programs during 2010.

II. Customer Classes

Customer classes targeted by Oncor's energy efficiency programs are the Hard-to-Reach, Residential, and Commercial customer classes. The annual demand goal will be allocated to customer classes by examining historical program results, evaluating economic trends, and complying with Substantive Rule §25.181, which states that no less than 5% of the utility's total demand reduction savings goal should be achieved through programs for hard-to-reach customers. Table 3 summarizes the number of customers in each of the customer classes, which was used to determine budget allocations for those classes. Oncor used year-end 2010 Customer Information System (CIS) premise-level data to estimate the number of customers in each class. The Hard-to-Reach class was estimated by multiplying the total number of residential customers by 33%. According to the U.S. Census Bureau's 2010 Current Population Survey (CPS), 33% of Texas families fall at or below 200% of the poverty threshold. Applying that percentage to Oncor's residential customer totals, the number of HTR customers is estimated at 890,016. This calculation is only an estimate. Oncor does not have access to its residential customers' income levels. The actual percentage may be higher or lower.

It should be noted, however, that the actual distribution of the goal and budget must remain flexible based upon the response of the marketplace, the potential interest that a customer class may have toward a specific program and the overriding objective of meeting the legislative goal. Oncor will offer a portfolio of Standard Offer and Market Transformation Programs that will be available to all customer classes.

Table 3: Summary of Customer Classes

Program	Number of Customers
Commercial	473,886
Residential	1,807,001
Hard-to-Reach	890,016
Total	3,170,903

III. Projected Energy Efficiency Savings and Goals

As prescribed by Substantive Rule §25.181, Oncor's demand goal is specified as a percent of its historical five-year average rate of growth in demand. As an example, the annual growth in demand defined for the December 31, 2011 goal reflects the average annual growth in peak demand from 2006 to 2010 (the most recent historical load growth data available). The demand goals are based on meeting 20% of the electric utility's annual growth in demand of residential and commercial customers for the 2010 and 2011 program years, and on meeting 25% of the electric utility's annual growth in demand of residential and commercial customers for the 2012 program year. The corresponding energy savings goals are determined by applying a 20% capacity factor to the applicable demand savings goals.

Table 4 presents historical annual growth in demand for the previous five years. Total System numbers include all customers (including transmission) while Residential and Commercial totals include residential and non-residential customers taking delivery at a distribution voltage and non-profit customers and government entities, including educational institutions. Table 5 presents the projected demand and energy savings broken out by program for each customer class for 2011 and 2012. The program-level goals presented in Table 5 take into account transmission and distribution line losses.

Table 4: Annual Growth in Demand and Energy Consumption *

Calendar Year	Peak Demand (MW) (at Source)			Energy Consumption (MWh) (at Meter)				Residential & Commercial		
	Total System		Residential & Commercial	Total System		Residential & Commercial		Growth (MW)	Avg (MW) Growth ²	
	Actual	Actual Weather Adjusted ³	Actual	Actual Weather Adjusted ³	Actual	Actual Weather Adjusted ³	Actual Weather Adjusted ³	Actual Weather Adjusted ³		
2005	23,381	23,983	22,419	23,021	106,184,587	104,726,922	96,458,595	95,000,930	-425	NA
2006	24,092	23,971	22,975	22,854	106,827,224	105,552,518	96,903,803	95,629,097	-167	NA
2007	23,377	23,574	22,314	22,511	105,428,707	105,276,379	95,152,782	95,000,454	-343	NA
2008	23,753	23,592	22,679	22,518	107,828,724	106,484,089	97,222,302	95,877,667	7	NA
2009	23,604	23,421	22,544	22,361	103,375,708	103,925,805	94,933,030	95,483,127	-157	NA
2010	24,642	23,810	23,724	22,892	109,323,278	105,778,763	100,201,592	96,657,077	531	NA
2011 ⁴	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012 ⁴	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Table 4 values will differ from prior years due to restatement of historic demands from a method based on 4CP demand to using ERCOT Settlement interval data. Additional variance is due to changing the weather adjustment process to better match the ERCOT Settlement method.

² "Average Growth" for previous 5 years. "NA" = Not Applicable. Average MW growth from 2005-2010 is not applicable to any of the calculations or forecasts in this BEPR.

³ "Actual Weather Adjusted" Peak Demand and "Energy Consumption" are adjusted for weather fluctuations using weather data for the most recent ten years.

⁴ "NA" = Not Applicable. Energy efficiency goals are calculated based upon the actual weather-adjusted growth in demand, so peak demand and energy consumption forecasts for 2011 and 2012 are not applicable.

Table 5: Projected Demand and Energy Savings Broken Out by Program for Each Customer Class (at Meter)

Customer Class and Program	2011 Projected Savings		2012 Projected Savings	
	(kW)	(kWh)	(kW)	(kWh)
Commercial				
Commercial SOP	61,860	140,500,000	78,195	143,569,507
Emergency Load Management SOP	21,000	119,000,000	19,468	111,748,811
Commercial Load Management SOP	0	0	0	0
Educational Facilities MTP	30,000	0	50,000	0
Government Facilities MTP	8,300	15,000,000	6,169	23,311,338
Small Commercial SOP	1,300	3,000,000	1,139	4,346,213
Air Conditioning MTP*	640	1,800,000	812	2,676,292
Residential	620	1,700,000	607	1,486,853
Home Energy Efficiency SOP	22,450	46,722,000	19,117	63,179,128
ENERGY STAR® Homes MTP	14,000	40,000,000	15,446	56,144,903
Residential Demand Response SOP	1,700	1,700,000	1,560	1,560,000
Air Conditioning MTP*	5,000	0	0	0
ENERGY STAR® Low-Rise Multifamily MTP	1,500	4,000,000	1,919	4,632,425
Hard-to-Reach	250	1,022,000	192	841,800
Hard-to-Reach SOP	10,900	39,800,000	11,635	44,107,841
Targeted Weatherization Low-Income SOP	9,700	36,000,000	10,433	39,999,752
Total Annual Savings Goals	95,210	227,022,000	108,947	250,856,476

* Please see the AC MTP Program Descriptions in Section I.B of this document.

IV. Program Budgets

Table 6 presents total proposed budget allocations required to achieve the projected demand and energy savings shown in Table 5. The budget allocations are defined by the overall demand and energy savings presented above, allocation of demand savings goals among customer classes, and SB 712 Targeted Low-Income mandates. The budget allocations presented in Table 6 below are first broken down by customer class and program, and are then further subdivided into the incentive payments and administration categories.

While Oncor has estimated budgets by customer class, Oncor plans to track and report budgets by program, since individual programs may serve multiple customer classes.

Table 6: Proposed Annual Budget Broken Out by Program for Each Customer Class

2011 Customer Class and Program	Incentives	Administration	Total Budget
Commercial	\$17,110,000	\$1,901,110	\$19,011,110
Commercial SOP	\$10,000,000	\$1,111,111	\$11,111,111
Emergency Load Management SOP	\$0	\$0	\$0
Commercial Load Management SOP	\$900,000	\$100,000	\$1,000,000
Educational Facilities MTP	\$3,900,000	\$433,333	\$4,333,333
Government Facilities MTP	\$1,300,000	\$144,444	\$1,444,444
Small Commercial SOP	\$640,000	\$71,111	\$711,111
AC MTP	\$370,000	\$41,111	\$411,111
Residential	\$9,678,000	\$1,075,333	\$10,753,333
Home Energy Efficiency SOP	\$7,000,000	\$777,778	\$7,777,778
ENERGY STAR® Homes MTP	\$1,000,000	\$111,111	\$1,111,111
AC MTP	\$1,000,000	\$111,111	\$1,111,111
Residential Demand Response SOP	\$350,000	\$38,889	\$388,889
ENERGY STAR® Low-Rise MTP	\$328,000	\$36,444	\$364,444
Hard-to-Reach	\$13,112,941	\$1,456,994	\$14,569,935
Hard-to-Reach SOP	\$9,700,000	\$1,077,778	\$10,777,778
Targeted Weatherization Low Income SOP	\$3,412,941	\$379,216	\$3,792,157
Research & Development	\$0	\$750,000	\$750,000
Total Budgets by Category	\$39,900,941	\$5,183,437	\$45,084,378
2012 Customer Class and Program	Incentives	Administration	Total Budget
Commercial	\$18,160,500	\$2,476,431	\$20,636,931
Commercial SOP	\$10,000,000	\$1,363,636	\$11,363,636

Emergency Load Management SOP	\$0	\$0	\$0
Commercial Load Management SOP	\$2,000,000	\$272,727	\$2,272,727
Educational Facilities MTP	\$4,100,000	\$559,091	\$4,659,091
Government Facilities MTP	\$1,000,000	\$136,364	\$1,136,364
Small Commercial SOP	\$672,000	\$91,636	\$763,636
AC MTP	\$388,500	\$52,977	\$441,477
Residential	\$11,286,860	\$1,475,878	\$12,762,738
Home Energy Efficiency SOP	\$8,861,860	\$1,145,196	\$10,007,056
ENERGY STAR® Homes MTP	\$1,000,000	\$136,364	\$1,136,364
AC MTP	\$1,050,000	\$143,182	\$1,193,182
ENERGY STAR® Low-Rise MTP	\$375,000	\$51,136	\$426,136
Hard-to-Reach	\$13,112,941	\$1,710,598	\$14,823,539
Hard-to-Reach SOP	\$9,700,000	\$1,245,197	\$10,945,197
Targeted Weatherization Low Income SOP	\$3,412,941	\$465,401	\$3,878,342
Research & Development	\$0	\$1,000,000	\$1,000,000
Total Budgets by Category	42,560,301	\$6,662,907	\$49,223,208

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V. Historical Demand Savings Goals and Energy Targets for Previous Five Years

Table 7 documents Oncor's projected demand savings, actual demand goals and projected energy savings for the previous five years (2006-2010) calculated in accordance with Substantive Rule §25.181.

Table 7: Historical Demand Savings Goals and Energy Targets (at Meter)

Calendar Year	Projected Savings (MW)	Actual Demand Goal (MW)	Projected Energy Savings (MWh)
2010 ⁵	78.3	53.1	234,807
2009 ⁶	89.5	53.1	255,847
2008 ⁷	92.0	53.1	250,892
2007 ⁸	104.1	75.5	265,732
2006 ⁹	79.1	79.1	296,403

⁵ Projected MW Savings and Projected Energy Savings as reported in the 2010 Energy Efficiency Plan & Report (EEPR) filed in April of 2010 under Project No. 37982. Actual Demand Goal as discussed in Table 4.

⁶ Projected MW Savings and Projected Energy Savings as reported in the 2009 Energy Efficiency Plan & Report (EEPR) filed in April of 2009 under Project No. 36689. Actual Demand Goal as discussed in Table 4.

⁷ Projected MW Savings and Projected Energy Savings as reported in the 2008 Energy Efficiency Plan & Report (EEPR) filed in May of 2008 under Project No. 35440. Actual Demand Goal as discussed in Table 4.

⁸ Projected Savings and Goals from EEP, Project No. 33884.

⁹ Projected Savings and Goals from EEP, Project No. 32107.

VI. Projected, Reported and Verified Demand and Energy Savings

Table 8: Projected versus Reported and Verified Savings for 2010 and 2009¹⁰ (at Meter)

2010	Projected Savings		Reported and Verified Savings	
Customer Class and Program	kW	kWh	kW	kWh
Commercial	45,125	143,414,918	67,294	136,304,942
Commercial SOP	20,811	116,492,486	19,883	108,914,129
Emergency Load Management SOP	0	0	0	0
Educational Facilities MTP	5,193	11,509,142	6,409	16,098,534
Government Facilities MTP	624	2,765,917	400	1,777,984
Data Centers MTP	944	8,699,451	820	7,649,167
Third Party DSM Contracts	0	0	0	0
Small Commercial SOP	628	1,743,906	286	1,390,835
Air Conditioning Distributor MTP	925	2,204,016	188	474,293
Commercial Load Management SOP	16,000	0	39,308	0
Residential	22,932	54,531,885	22,137	46,185,124
Home Energy Efficiency SOP	14,545	42,683,757	12,893	39,319,090
ENERGY STAR [®] Homes MTP	2,845	3,090,353	3,475	3,982,986
A/C Installer MTP	472	735,980	61	147,215
Refrigerator/Freezer Recycle MTP	820	4,877,393	0	0
Air Conditioning Tune-Up MTP	125	144,540	1	1,388
Res.Demand Response SOP	3,000	0	4,885	0
Air Conditioning Distributor MTP	900	2,743,632	584	1,753,201
ENERGY STAR [®] Low-Rise MTP	225	256,230	238	981,244
Hard-to-Reach	10,220	36,859,978	11,690	43,295,349
Hard-to-Reach SOP	9,000	33,033,960	10,757	40,679,086
Targeted Weatherization LI SOP	1,220	3,826,018	933	2,616,263
Total Annual Savings Goals	78,277	234,806,781	101,119	225,785,412
2009 ¹¹	Projected Savings		Reported and Verified Savings	
Customer Class and Program	kW	kWh	kW	kWh
Commercial	49,540	120,359,181	55,803	133,916,019
Commercial SOP	13,625	71,613,000	19,205	111,386,443
Emergency Load Management SOP	9,000	0	0	0
Educational Facilities MTP	11,100	26,253,720	8,860	19,459,076
Government Facilities MTP	4,000	9,460,800	841	2,339,052
Data Centers MTP	1,190	8,860,740	0	0
Third Party DSM Contracts	0	0	0	0
Small Commercial SOP	300	919,800	157	664,056

¹⁰ Projected Savings totals for 2010 and 2009 from Table 7. Reported Savings may not add due to rounding.

¹¹ Reported and Verified Savings data for 2009 taken from EEP, Project No. 37982.

Air Conditioning Distributor MTP	1,325	3,251,121	26	67,392
Commercial Load Management SOP	9,000	0	26,714	0
Residential	28,840	91,615,828	29,473	86,534,452
Home Energy Efficiency SOP	14,700	45,070,200	14,714	44,154,985
ENERGY STAR® Homes MTP	5,860	6,673,368	7,761	8,521,881
A/C Installer MTP	1,250	2,080,500	29	73,182
Refrigerator/Freezer Recycle MTP	1,000	6,482,400	322	1,957,077
Air Conditioning Tune-Up MTP	600	946,080	85	97,854
Res.Demand Response SOP	1,500	0	2,522	0
Statewide Residential CFL MTP	1,330	25,300,000	2,726	27,252,695
Air Conditioning Distributor MTP	1,600	3,924,480	950	2,980,030
ENERGY STAR® Low-Rise MTP	1,000	1,138,800	364	1,496,748
Hard-to-Reach	11,130	43,871,977	13,481	50,555,426
Hard-to-Reach SOP	9,100	35,872,200	12,626	48,381,049
Targeted Weatherization LI SOP	2,030	7,999,777	855	2,174,377
Total Annual Savings Goals	89,510	255,846,986	98,756	271,005,897

VII. Historical Program Expenditures

This section documents Oncor's incentive and administration expenditures for the previous five years (2006-2010) broken out by program for each customer class.

Table 9: Historical Program Incentive and Administrative Expenditures for 2006 through 2010

	2010		2009		2008		2007		2006	
	Incentive (\$)	Admin (\$)								
Commercial	14,128,791	1,501,520	17,073,714	1,527,961	11,058,178	1,197,225	12,667,933	1,047,882	6,878,679	861,742
Large Commercial & Industrial SOP	NA	NA	NA	NA	5,349,355	518,093	4,666,458	369,590	2,609,314	322,313
Commercial SOP	7,978,354	716,264	7,600,839	667,361	NA	NA	NA	NA	NA	NA
Third Party DSM Contracts	278,467	28,931	3,591,448	224,816	3,224,644	233,043	4,557,195	237,043	2,740,445	265,449
Emergency Load Management SOP	0	0	0	0	0	42,342	1,255,281	173,492	977,729	153,793
Commercial Load Management SOP	1,179,226	185,931	934,990	115,306	848,148	98,274	NA	NA	NA	NA
Educational Facilities MTP	3,484,196	303,700	4,109,364	289,438	1,136,887	133,838	1,903,461	244,313	551,191	120,187
Government Facilities MTP	485,423	142,049	739,001	149,593	325,144	75,998	285,538	23,444	NA	NA
Data Centers MTP	723,125	124,645	98,072	81,447	174,000	95,617	NA	NA	NA	NA
Res. & Small Commercial	9,638,471	1,583,794	13,279,765	1,737,706	14,300,830	1,977,298	10,459,889	1,337,226	10,655,488	1,725,674
Res. & Small Commercial SOP	NA	NA	NA	NA	8,633,286	959,255	6,380,882	620,420	5,096,074	689,986
Home Energy Efficiency SOP	7,098,271	727,460	6,345,943	643,610	NA	NA	NA	NA	NA	NA
Small Commercial SOP	107,592	115,389	55,711	83,083	NA	NA	NA	NA	NA	NA
ENERGY STAR [®] Homes MTP	824,860	126,914	2,374,644	203,073	1,904,515	290,671	3,331,736	367,043	4,512,251	697,779
A/C Installer MTP	144,493	81,026	144,333	86,389	137,981	72,230	527,206	216,583	889,120	250,592
A/C Tune-Up MTP	51,661	76,108	138,575	83,204	133,872	48,758	117,678	5,366	NA	NA
Refrigerator/Freezer Recycle MTP	0	0	259,009	87,655	471,416	89,316	30,495	3,087	NA	NA
CCET Res. Demand Response MTP	NA	NA	NA	NA	0	42,880	0	2,036	NA	NA
Commercial A/C Distributor MTP (Prior to 2006, known as AC Distributor MTP)	204,854	116,773	NA	NA	114,715	60,755	71,892	122,691	158,043	87,317
Air Conditioning Distributor MTP	571,358	115,574	712,600	113,771	69,833	67,222	NA	NA	NA	NA

Residential Demand Response MTP	335,439	126,563	435,003	139,463	832,312	110,707	NA	NA	NA	NA
Statewide Residential CFL MTP	NA	NA	2,384,615	191,207	1,948,912	179,984	NA	NA	NA	NA
ENERGY STAR® Low Rise MTP	299,943	97,987	429,332	106,251	53,988	55,520	NA	NA	NA	NA
Multi-Family Water & Space Heating Pilot MTP	NA	NA								
Hard-to-Reach	12,594,322	1,116,950	12,850,523	1,100,138	23,038,914	1,813,916	15,902,313	1,176,910	4,230,410	505,981
Hard-to-Reach SOP	9,586,061	909,875	10,451,247	932,735	22,303,233	1,670,365	15,902,313	1,124,630	4,230,410	505,981
Target Weatherization (known as TDHCA in 2006 & 2007)	3,008,261	207,075	2,399,276	167,403	499,455	78,448	0	52,280	0	0
Pilot Targeted Partnership Weatherization	NA	NA	NA	NA	236,226	65,103	NA	NA	NA	NA
Total Program Expenditures	36,361,584	4,202,264	43,204,002	4,365,805	48,397,922	4,988,439	39,030,135	3,562,018	21,764,577	3,093,397

VIII. Program Funding for Calendar Year 2010

Oncor exceeded its 2010 mandated 20% demand goal of 53.1 MW by obtaining 101.1 MW in energy efficiency savings. As shown on Table 10, funds were either spent or committed by contracts with energy efficiency service providers in excess of the total overall 2010 budget of the SOPs and MTPs in order to ensure attainment of the goal.

The **ENERGY STAR® Low-Rise Multifamily MTP** was on target with the 2010 incentive budget, but exceeded its administration budget due to the allocation of indirect overhead and expenses that are not directly associated with individual programs, but are none the less costs associated with implementing a large portfolio of programs. For reporting purposes, these costs are allocated to all programs. Based on the methodology Oncor uses to budget individual programs (10% administration in 2010), smaller programs are more likely to exceed their administration budget while larger programs are more likely to be under their administration budget. Oncor looks at direct administration costs when examining individual program results and total administration costs when examining the portfolio as a whole.

The **Commercial SOP** came in under budget primarily due to a timing difference between when funds are committed to projects and when the projects are actually completed and paid. Between the carryover from the previous year's commitments and fund requests submitted by participating contractors in 2010, Oncor had funds committed in excess of the 2010 budget of \$10,405,555. Carryover into 2011 is \$6,258,912.

The **Commercial Load Management SOP** surpassed its 2010 budget due to the increased demand by Service Providers to participate in this type of Demand Response Program. The demand was driven by several factors, including; the term of the contract is only for one year, the increased interest in demand response in Texas as demonstrated by the number of participants, and having a one hour notice for curtailment request compared to the five minute request required by comparable ERCOT programs. In 2009, the Commercial Load Management Program had 15 Service Providers and 36 ESI IDs. The 2010 program saw an increase to 19 Service Providers and 62 ESI IDs.

The **Air Conditioning Distributor MTP** was unable to generate sufficient distributor participation in the commercial segment to spend all of its 2010 incentive budget, but exceeded its administration budget due to the allocation of indirect overhead and expenses that are not directly associated with individual programs, but are none the less costs associated with implementing a large portfolio of programs. For reporting purposes, these costs are allocated to all programs. Based on the methodology Oncor uses to budget individual programs (10% administration in 2010), smaller programs are more likely to exceed their administration budget while larger programs are more likely to be under their administration budget. Oncor looks at direct administration costs when examining individual program results and total administration costs when examining the portfolio as a whole.

The **A/C Installer MTP** did not achieve anticipated results even though program participation increased by several contractors. Participation declined as the cooling season began. According to conversations between the program implementer and participating contractors, the contractors experienced increased levels of service, replacement, and repair calls that severely taxed their

ability to meet demands of the program. This resulted in emergency unit replacement with no time to complete the extra testing and measures required to meet the ENERGY STAR® requirements. However as fall temperatures returned the participating contractors completed Energy Star® Quality Installation at 31 sites.

The **Government Facilities MTP** was under budget in 2010 due to a slow-down in the economy and budget constraints of local governments. Additionally, the Federal Stimulus funds provided to local government's required long term planning that slowed project completion.

The **Small Commercial SOP** did not achieve anticipated results and was under budget even though there was an increase in the number of participating Service Providers. Based on the Program Manager's conversation with participating AC Contractors, the weak economy had consumers choosing to repair their HVAC systems instead of replacing them with new systems. Contractors also commented that an increase in the minimum qualifying efficiency for HVAC systems above 65,000 BTUH left fewer qualifying systems and higher equipment cost.

The **Air Conditioning Tune-Up MTP** did not achieve anticipated results, although recruitment for program participation showed significant initial interest by several contractors. According to conversations between the program implementer and participating contractors, the contractors experienced increased levels of service, replacement, and repair calls that severely taxed their ability to meet demands of the program. Contractors also stated that the incentive was not enough to overcome the cost of the additional time required by the tune-up protocol and that customers weren't willing to pay for the enhanced service to make it worthwhile for the contractor even with the incentive.

The **Data Centers MTP** was under budget due to measurement and verification projects that were completed late in the year with lower savings than anticipated. Had those projects been completed on time with the level of savings projected, this program would have been on budget.

The **Residential Demand Response MTP** surpassed its 2010 budget because Service Provider performance was greater than anticipated. The growth was seen in the comparison of participation between 2009 and 2010. In 2009, two Service Providers had 3,461 premises participate in the program with a kW savings of 2,522. The 2010 program had two participating Service Providers and enrolled 8,478 premises with a savings of 4,885 kW. The two Service Providers in 2010 increased their amount of outreach and were successful in attracting additional participants to the program.

The **Targeted Weatherization Low-Income Program** was under budget in 2010 due to insufficient participation by two TDHCA sub-recipients. A total of twelve agencies signed contracts in 2010, but only ten met or exceeded their contracted amount. These two participating agencies receive funding from a variety of government sources or "stimulus" funding (including American Recovery & Reinvestment Act), and may have placed a higher priority on spending the budget allocations from these other programs. To address this issue in 2011, these agencies will be closely monitored, with the option of reallocating funding to other agencies, organizations and churches in order to meet the 2011 program budget.

Table 10: Program Funding for Calendar Year 2010

	Numbers of Customer Meters	Total Projected Budget ¹²	Actual Funds Expended (Incentives)	Actual Funds Expended (Admin)	Total Funds Expended	Funds Committed (Not Expended)	Funds Remaining (Not Committed)
Commercial	1,002	\$19,475,905	\$14,441,237	\$1,733,682	\$16,174,919	\$6,879,775	\$(3,578,789)
Commercial SOP	558	\$10,405,555	\$7,978,354	\$716,264	\$8,694,618	\$6,258,912	\$(4,547,975)
Third Party DSM Contracts	0	\$1,050,000	\$278,467	\$28,931	\$307,398	\$0	\$742,602
Emergency Load Management SOP	0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial Load Management SOP	61	\$622,222	\$1,179,226	\$185,931	\$1,365,157	\$0	\$(742,935)
Educational Facilities MTP	248	\$3,888,889	\$3,484,196	\$303,700	\$3,787,896	\$0	\$100,993
Government Facilities MTP	52	\$1,444,444	\$485,423	\$142,049	\$627,472	\$572,490	\$244,482
Data Centers MTP	5	\$944,444	\$723,125	\$124,645	\$847,770	\$0	\$96,674
Small Commercial SOP	54	\$709,240	\$107,592	\$115,389	\$222,981	\$0	\$486,259
Air Conditioning Distributor MTP	24	\$411,111	\$204,854	\$116,773	\$321,627	\$48,373	\$41,111
Residential	24,563	\$10,252,223	\$9,326,025	\$1,351,632	\$10,677,657	\$146,769	\$(572,203)

¹² Projected Budget taken from the EEP filed in April 2010 under Project No. 37982.

Home Energy Efficiency SOP	12,704	\$7,111,111	\$7,098,271	\$727,460	\$7,825,731	\$0	\$(714,620)
ENERGY STAR® Homes MTP	1,836	\$916,667	\$824,860	\$126,914	\$951,774	\$0	\$(35,107)
A/C Installer MTP	31	\$277,778	\$144,493	\$81,026	\$225,519	\$24,481	\$27,778
Air Conditioning Tune-Up MTP	2	\$277,778	\$51,661	\$76,108	\$127,769	\$122,231	\$27,778
Refrig./Freezer Recycle MTP	0	\$555,556	\$0	\$0	\$0	\$0	\$555,556
Air Conditioning Distributor MTP	743	\$500,000	\$571,358	\$115,574	\$686,932	\$0	\$(186,932)
Residential Demand Response SOP	8,478	\$280,000	\$335,439	\$126,563	\$462,002	\$0	\$(182,002)
ENERGY STAR® Low-Rise MTP	769	\$333,333	\$299,943	\$97,987	\$397,930	\$57	\$(64,654)
Hard-to-Reach	13,771	\$13,792,157	\$12,594,322	\$1,116,950	\$13,711,272	\$197,605	\$(116,720)
Hard-to-Reach SOP	12,868	\$10,000,000	\$9,586,061	\$909,875	\$10,495,936	\$0	\$(495,936)
Targeted Weatherization Low-Income SOP	903	\$3,792,157	\$3,008,261	\$207,075	\$3,215,336	\$197,605	\$379,216
Research & Development	NA	\$750,245	\$0	\$543,283	\$543,283	\$0	\$206,962
Total	39,336	\$44,270,530	\$36,361,584	\$4,745,547	\$41,107,131	\$7,224,149	\$(4,060,750)

IX. Market Transformation & Research & Development Results

AIR CONDITIONING DISTRIBUTOR MTP – Commercial

The objective of this program is to increase the market penetration of high efficiency air conditioning units in the commercial market for replacement systems and new installations in order to provide cost-effective reduction in peak summer demand. Additional objectives of this program are to achieve consumer demand and energy savings and encourage private sector delivery of energy efficiency products and services. The program focused on replacement systems and new installations of commercial units between 1.5 tons and 20 tons and the air conditioning contractors who install them.

The Program goals for 2010 were to continue implementing strategies of sales and installations for high efficiency commercial heating, ventilation and air conditioning (HVAC) systems installed by participating contactors as well as reduce energy consumption. Units were replaced at 24 sites in 2010 resulting in savings of 188 kW and 474,293 kWh.

AIR CONDITIONING DISTRIBUTOR MTP – Residential

The objective of this program is to increase the market penetration of high efficiency air conditioning units in the residential market for replacement systems in order to provide cost-effective reduction in peak summer demand. Additional objectives of this program are to achieve consumer demand and energy savings and encourage private sector delivery of energy efficiency products and services. The program focused on replacement of residential units from 1.5 to 5-tons with a minimum 16 SEER /12 EER for air conditioning cooling units and a minimum of 16 SEER / 12EER and 8.2 HSPF (Heating Seasonal Performance Factor) for heat pumps.

Program goals for 2010 were to continue implementing strategies to participating Distributors for sales and installation of high efficient residential HVAC systems to their dealer's and to improve the comfort for the homeowner and reduce their energy consumption. Systems were replaced at 743 sites in 2010 resulting in savings of 584 kW and 1,753,201 kWh.

ENERGY STAR® Homes MTP

The objective of this program is to achieve peak demand reductions and energy savings through increased sales of ENERGY STAR® homes. Additionally, the program is designed to condition the market so that consumers are aware of and demand ENERGY STAR® homes and builders have the technical capacity to supply them. A baseline study was conducted in the fourth quarter of 2006 to determine the existing level of efficiency typical of new home construction in Oncor's service territory. The study, which included non-participating homes built by participating Oncor 2006 ENERGY STAR® Homes Program builders, showed the average Home Energy Rating System (HERS) Index for non-participating homes to be 93. This compares to a minimum qualifying ENERGY STAR® Index of 85.

Based on 2010 data from the Real Estate Center at Texas A&M University, there were approximately 21,034 single-family building permits issued in the Oncor service territory Metropolitan Statistical Areas (MSAs), with 1,836 receiving ENERGY STAR® certification

through the program. During the 2010 Program Year, the Environmental Protection Agency (EPA) only allowed homes to be certified using a HERS Index rating.

The EPA recognized Oncor's accomplishments in the ENERGY STAR® Homes Program by awarding it the ENERGY STAR® Partner of the Year – New Homes in 2003, 2004, 2005 and 2006. These awards are a result of training and certifying HERS raters, educating and recruiting builders, consumer education and involving market actors associated with new home sales. In 2007, 2008, 2009, and 2010, the EPA recognized Oncor's accomplishments in the ENERGY STAR® Homes Program by awarding it the ENERGY STAR® Sustained Excellence Award.

The milestones for 2011 are to complete a new baseline study, certify 1,000 ENERGY STAR® homes, focus participation in outlying markets, educate mortgage lenders and home appraisers on the value behind ENERGY STAR® and train realtors on how to successfully relay the ENERGY STAR® message to potential homeowners. Program savings in 2010 were 3,475 kW and 3,982,986 kWh.

A/C Installer MTP

The program is designed to encourage improved installation practices for new HVAC equipment, including measures designed to reduce leakage in air ducts and verify correct air flow. The program requires that the system be installed to ENERGY STAR® Quality Installation guidelines that incorporate ACCA (Air Conditioning Contractors of America) Installation standards. Training for contactors and installers was conducted using these installation practices. The Program requires the installation of new matched indoor and outdoor equipment meeting minimum AHRI standards of 16 SEER / 11.5 EER and the same for heat pumps with 8.2 HSPF or higher.

The Program goal for 2010 was to continue implementing strategies to overcome market barriers to quality installations of HVAC systems. The program in 2011 will continue to encourage ENERGY STAR® Quality Installation and sales training to contractors along with the benefits to the homeowner in the form of comfort and energy savings, but will do so as a component of the Air Conditioning MTP. A review of the existing ENERGY STAR® Quality Installation baseline was completed in 2010. The results of this study quantified that savings can be achieved by correctly sizing the HVAC system, correcting airflow, reducing duct leakage and properly adjusting the refrigerant charge. The baseline saving have been revised to account for these proper installations strategies and for an increase in minimum SEER from 10 to 13. The results of the new baseline study will be applied to the installation savings for the 2011 program. In 2010, ENERGY STAR® qualified replacement installations were completed in 31 sites, resulting in savings of 61 kW and 147,215 kWh.

Educational Facilities MTP

The Educational Facilities MTP was implemented in 2006 to partner with selected Independent School Districts to work together to identify and assess energy efficiency measures that would assist the district in reducing its peak demand and energy usage. The program helps the district develop an Energy Master Plan that outlines administrative and financial decision-making criteria for energy efficiency improvements, installation of energy efficiency measures, and maintenance and operation procedures in order to succeed in implementing a cost-effective energy program in a

timely manner. The Educational Facilities MTP also helped identify and assess capital-intensive energy projects which will produce energy cost savings. The districts were also encouraged to implement energy-efficient operations and maintenance practices and procedures that were identified during the process.

The Educational Facilities MTP helps the district by facilitating a focused look at what can be done to use energy efficiently. In order to achieve the program goals, the Educational Facilities MTP involves administrators from all departments in the decision making process. For instance, the Educational Facilities MTP Program helps the district's financial department understand that spending more in the design and construction phase of a project can lead to a bigger payback in utility savings for years to come. Qualified work could include retrofitting existing facilities and also new construction projects.

The Educational Facilities MTP set a goal of 5,193 kW in 2010. Ninety-five school districts and colleges were enrolled in the program for 2010. Fifty-three schools installed measures that resulted in savings of 6,409 kW and 16,098,534 kWh. Benchmarking and Energy Master Planning were completed for twenty-two school districts.

A baseline study for the Educational Facilities Program was also completed in 2010. The findings of the study were consistent with the findings of the program. Over 80% of the market is at least somewhat interested in finding ways to save energy. However, the market faces many barriers to energy efficiency adoption, including its own processes and infrastructure for energy decision making. As such, there are many opportunities to help schools overcome obstacles to adopting energy efficient improvements through techniques such as market education, goal-setting, staffing, bill monitoring strategies, project guidelines and specifications, and monetary incentives. For 81% of the schools surveyed, the most commonly stated obstacle to energy improvements is the cost of upgrading to energy efficient technology. However, over 90% of respondents indicated at least one additional non-cost barrier, with the top two being —the budget and procurement process for planning energy improvements and —finding the time to identify, plan and execute energy improvements.

Air Conditioning Tune-Up MTP

The objective of this 2010 program was to rate the operating performance of HVAC systems in existing homes within the Oncor service territory. The program involved testing of static pressures on return air and the air handler, air balancing testing, and verifying refrigerant charge using approved manufacturer charging methods. These tests pinpointed HVAC defects and enabled the contractor to prescribe and make specific repairs and immediately measure the increase in delivered system BTUH.

Program goals for 2010 were to continue implementing strategies to overcome market barriers for the participating contractors by encouraging continued training and improving marketing efforts to the homeowner. In 2010, 2 tune-ups were completed, resulting in savings of 1.2 kW and 1,388 kWh.

Government Facilities MTP

The Government Facilities MTP was implemented in 2007 to partner with selected cities and counties in the Oncor service area to work together to identify and assess energy efficiency

measures that would assist in reducing peak demand and energy usage. The program helps the government entity develop an Energy Master Plan that outlines administrative and financial decision-making criteria for energy efficiency improvements, installation of energy efficiency measures, and maintenance and operation procedures in order to succeed in implementing a cost-effective energy program in a timely manner. The Government Facilities MTP also helped identify and assess capital-intensive energy projects which produce energy cost savings. They were also encouraged to implement energy-efficient operations and maintenance practices and procedures that were identified during the process.

The Government Facilities MTP helps the participant by facilitating a focused look at what can be done to use energy efficiently. In order to achieve the incentive earning goals, the program involves city and county employees at all levels in the decision making process. The Government Facilities MTP helps the entity's financial department understand that sometimes spending more in the design and construction phase of a project can lead to a bigger payback in utility savings for years to come. Qualified work included retrofitting existing facilities and new construction projects.

The Government Facilities MTP set a goal of 624 kW in 2010. Fifty-five cities/counties participated in the 2010 program. Eleven of the participants installed measures that resulted in savings of 400 kW and 1,777,984 kWh. Benchmarking and Energy Master Planning were completed for five partners.

A baseline study for the Government Facilities Program was also completed in 2010. The findings of the study were consistent with the findings of the program. Over 81% of the market is at least somewhat interested in finding ways to save energy. However, the market faces many barriers to energy efficiency adoption, including its own processes and infrastructure for energy decision making. As such, there are many opportunities to help local governments overcome obstacles to adopting energy efficient improvements through techniques such as market education, goal-setting, staffing, bill monitoring strategies, project guidelines and specifications, and monetary incentives. For 80% of the facilities surveyed, the most commonly stated obstacle to energy improvements is the cost of upgrading to energy efficient technology. However, over 90% of respondents indicated at least one additional non-cost barrier, with the top two being —the budget and procurement process for planning energy improvements and —finding the time to identify, plan and execute energy improvements.

Data Center MTP

The objective of this program was to conduct, on a limited-scale, a program in 2008 and then offer an RFP for a two-year program. This would determine the level of effort and amount of incentives required to upgrade data center efficiency in the Oncor service territory. The RFP was issued in late 2009 and an implementer was selected. The late start in 2009 prevented the implementer from obtaining many projects. The program involved air distribution, cooling equipment upgrades, server upgrades and virtualization of servers. The 2010 program was fully subscribed but with the completion of the Measurement and Verification occurring late in the year, the savings were about 80% of what was expected. This program will be rolled into the Commercial Standard Offer Program in 2011 with measures that include lighting, cooling, motors, uninterruptable power supplies and virtualization of servers. Additional measures can be proposed but must be measurable and verifiable.

ENERGY STAR® Low-Rise Multifamily MTP

The 2010 ENERGY STAR® Low-Rise Multifamily Program awarded incentives to developers that produced individually metered ENERGY STAR® apartment units. Developers of low-rise multifamily units were encouraged to apply. In addition to the incentives, developers accepted into the program were offered training and marketing resources that helped them leverage their affiliation with ENERGY STAR®, a nationally recognized, government-backed brand that is the national symbol of energy efficiency.

Complexes meeting the EPA's Low-Rise Multifamily protocol listed below were eligible.

- Units in multifamily buildings three stories or less.
- Units in four- and five-story multifamily buildings may qualify for this program if they are permitted as residential structures by the local building department.
- Multifamily units that are located on top of commercial spaces (e.g., retail, restaurant, etc.) may be qualified for the program even if the structure is permitted as commercial, as long as 1) the entire structure is five stories or less; and 2) the space conditioning and water heating systems are not shared between the residential and commercial spaces.

In addition, only complexes with a permit date after January 1, 2009 were eligible.

Before qualifying as ENERGY STAR®, a unit must be evaluated by a RESNET-accredited Home Energy Rating System (HERS) Rater either by a (1) Performance Path or (2) Prescriptive Path as defined by ENERGY STAR®. For units to qualify via the performance path, a HERS Rater analyzes the unit's energy performance using an approved software modeling program prior to on-site thermal bypass and envelope/duct pressure testing. For units to qualify under the prescriptive path, the developer completes and implements a checklist, referred to as the Builder Option Package (BOP), prior to diagnostic testing.

In 2010, the EPA recognized Oncor's accomplishments in the ENERGY STAR Homes and Multifamily Program by awarding it the *ENERGY STAR® for Homes Leadership in Housing Award*.

The 2010 savings were of 238 kW and 981,244 kWh with 769 qualified and completed ENERGY STAR® units.

Research and Development

Oncor funded two energy efficiency programs at EPRI in 2010. The first program funded is the broad, collaborative EPRI membership program, Program 170, titled *End-Use Energy Efficiency and Demand Response in a Low-Carbon Future*. In 2010, this on-going program was funded by 43 EPRI members and included the following three project sets: Analytical Frameworks, Demand Response Systems, and Energy Efficiency Technologies. The 2010 program elements are described below. Oncor also is participating in this program in 2011. The program elements were intended to address industry needs and issues, including:

- Research, development, and demonstration (RD&D) on advanced end-use technologies that enable and enhance energy efficiency
- RD&D on advanced technologies and tools that enable demand response (DR)

- Collaboration with equipment vendors to improve performance and reduce costs of energy efficient equipment and demand response systems through assessment, lab testing, and field demonstrations
- Development of analytical frameworks to value the economic and environmental benefits of energy efficiency and demand response to utilities, customers, and society
- Development and refinement of an industry-standard modeling approach to quantify the impact of energy efficiency on reducing carbon emissions, to inform utilities, policymakers, and regulators
- Reliable, comprehensive, and easily accessible data on the nature of plug loads, which constitute the least understood and fastest growing segment of electricity consumption
- Easily understandable, concise, and technically accurate information and tools on existing and emerging energy efficiency and DR technologies for utilities and their customers

Key areas of work included:

Accounting for the impact of energy efficiency on CO2 emissions
Persistence of customer response to energy usage feedback
Framework for valuing price and demand response
Residential plug load measurement
Enabling DR-ready appliances
Advances in thermal energy storage technology
Intelligent homes and buildings
HVAC technologies
Industrial energy efficiency
High performance homes and buildings
Electronics, plug loads, and lighting efficiency

Program results are communicated to Oncor and other funders in advisory meetings and in various reports.

In 2010, Oncor also funded a Tailored Collaboration program with other members entitled "Energy Efficiency Demonstration." This program was begun in 2009 and continues through 2011. It will demonstrate hyper-efficient technologies in commercial buildings and household applications. This supplemental project was offered for members who wanted to advance the state of the art and gain insight to the actual field operation of these emerging technologies. The technologies include:

Variable refrigerant flow air conditioning
Data center energy efficiency
LED Street and area lighting
Hyper-efficient residential appliances, such as combination washer/dryer or compartmentalized refrigerator
Ductless heat pumps and air conditioners
Heat pump water heating

X. Current Energy Efficiency Cost Recovery Factor (EECRF)

Oncor collected \$53,711,349 in Base Rates during 2010 through the EECRF.

Revenue Collected

\$53,711,349

Over- or Under-recovery

\$3,296,133 (Over) - This amount will be trued-up by rate class in Oncor's 2011 EECRF filing.

Shown below is a calculation detailing the performance bonus Oncor qualifies for based on 2010 program results.

Performance Bonus Calculation

Total Energy Efficiency Benefits	\$191,203,409
Total Energy Efficiency Expenditures	\$41,107,131
Total Net Benefits	\$150,096,278

2010 Minimum Goal MW	53.1
2010 Achieved Goal MW	101.1
Percentage Over Goal	90.40%

Bonus Calculation % of Net Benefits (1% of every 2% the Demand Goal is exceeded)	0.4520
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Bonus Based on 45.2% of Net Benefits (\$150,096,278.16 x .4520)	\$67,843,518
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Bonus Capped at 20% of 2010 Total Program Costs (\$41,107,131 x .2)	\$8,221,426
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Total Bonus	\$8,221,426
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ACRONYMS

CCET	Center for the Commercialization of Electric Technologies
DR	Demand Response
DSM	Demand Side Management
EEP	Energy Efficiency Plan, which was filed as a separate document prior to April 2008
EEPR	Energy Efficiency Plan and Report
EER	Energy Efficiency Report, which was filed as a separate document prior to April 2008
EE Rule	Energy Efficiency Rule, PUCT Substantive Rules §25.181 and §25.183
ERCOT	Electric Reliability Council of Texas
HTR	Hard-To-Reach
M&V	Measurement and Verification
MTP	Market Transformation Program
PUCT	Public Utility Commission of Texas
REP	Retail Electrical Provider
RES	Residential
SOP	Standard Offer Program

GLOSSARY

Actual Weather Adjusted -- “Actual Weather Adjusted” peak demand and energy consumption is the historical peak demand and energy consumption adjusted for weather fluctuations using weather data for the most recent ten years.

At Meter -- Demand (kW/MW) and Energy (kWh/MWh) figures reported throughout the EEPR are reflective of impacts at the customer meter. This is the original format of the measured and deemed impacts which the utilities collect for their energy efficiency programs. Goals are necessarily calculated “at source” (generator) using utility system peak data at the transmission level. In order to accurately compare program impacts, goals and projected savings have been adjusted for the line losses (7%) that one would expect going from the source to the meter.

Average Growth -- Average historical growth in demand (kW) over the prior five years for residential and commercial customers adjusted for weather fluctuations.

Capacity Factor -- The ratio of the annual energy savings goal, in kWh; to the peak demand goal for the year, measured in kW, multiplied by the number of hours in the year, or the ratio of the actual annual energy savings, in kWh, to the actual peak demand reduction for the year, measured in kW, multiplied by the number of hours in the year.

Commercial customer -- A non-residential customer taking service at a metered point of delivery at a distribution voltage under an electric utility’s tariff during the prior calendar year and a non-profit customer or government entity, including an educational institution. For purposes of the Energy Efficiency Rule, each metered point of delivery shall be considered a separate customer.

Deemed savings -- A pre-determined, validated estimate of energy and peak demand savings attributable to an energy efficiency measure in a particular type of application that an electric utility may use instead of energy and peak demand savings determined through measurement and verification activities.

Demand -- The rate at which electric energy is used at a given instant, or averaged over a designated period, usually expressed in kilowatts (kW) or megawatts (MW).

Demand savings -- A quantifiable reduction in demand.

Energy efficiency -- Improvements in the use of electricity that are achieved through facility or equipment improvements, devices, or processes that produce reductions in demand or energy consumption with the same or higher level of end-use service and that do not materially degrade existing levels of comfort, convenience, and productivity.

Energy efficiency measures -- Equipment, materials, and practices at a customer’s site that result in a reduction in electric energy consumption, measured in kilowatt-hours (kWh), or peak demand, measured in kilowatts (kW), or both. These measures may include thermal energy storage and removal of an inefficient appliance so long as the customer need satisfied by the appliance is still met.

Energy efficiency program -- The aggregate of the energy efficiency activities carried out by an electric utility under this section or a set of energy efficiency projects carried out by an electric utility under the same name and operating rules.

Energy Efficiency Rule (EE Rule) -- §25.181 and §25.183, which are the sections of the Public Utility Commission of Texas' Substantive Rules implementing Public Utility Regulatory Act (PURA) §39.905.

Energy savings -- A quantifiable reduction in a customer's consumption of energy that is attributable to energy efficiency measures.

Growth in demand -- The annual increase in demand in the Texas portion of an electric utility's service area at time of peak demand, as measured in accordance with the Energy Efficiency Rule.

Hard-to-reach (HTR) customers -- Residential customers with an annual household income at or below 200% of the federal poverty guidelines.

Incentive payment -- Payment made by a utility to an energy efficiency service provider under an energy-efficiency program.

Inspection -- Examination of a project to verify that an energy efficiency measure has been installed, is capable of performing its intended function, and is producing an energy saving or demand reduction.

Load control -- Activities that place the operation of electricity-consuming equipment under the control or dispatch of an energy efficiency service provider, an independent system operator or other transmission organization or that are controlled by the customer, with the objective of producing energy or demand savings.

Load management -- Load control activities that result in a reduction in peak demand on an electric utility system or a shifting of energy usage from a peak to an off-peak period or from high-price periods to lower price periods.

Market transformation program (MTP) -- Strategic programs to induce lasting structural or behavioral changes in the market that result in increased adoption of energy efficient technologies, services, and practices, as described in the Energy Efficiency Rule.

Measurement and verification (M&V) -- Activities intended to determine the actual energy and demand savings resulting from energy efficiency projects as described in the Energy Efficiency Rule.

Peak demand -- Electrical demand at the times of highest annual demand on the utility's system.

Peak demand reduction -- Reduction in demand on the utility system throughout the utility system's peak period.

Peak period -- For the purpose of the Energy Efficiency Rule, the peak period consists of the hours from one p.m. to seven p.m., during the months of June, July, August, and September, excluding weekends and Federal holidays.

Projected Demand and Energy Savings -- Peak demand reduction and energy savings for the current and following calendar year that Oncor is planning and budgeting for in the EEPR.

Renewable demand side management (DSM) technologies -- Equipment that uses a renewable energy resource (renewable resource), as defined in §25.173(c) of the Commission's Substantive Rules (relating to Goal for Renewable Energy) that, when installed at a customer site, reduces the customer's net purchases of energy, demand, or both.

Service Provider -- An energy efficiency provider or customer who installs energy efficiency measures or performs other energy efficiency services under the Energy Efficiency Rule. An energy efficiency provider may be a retail electric provider or commercial customer, provided that the commercial customer has a peak load equal to or greater than 50kW.

Standard offer program (SOP) -- A program under which a utility administers standard offer contracts between the utility and energy efficiency service providers.

APPENDICES

APPENDIX A: REPORTED DEMAND AND ENERGY REDUCTION BY COUNTY

Appendix A: Demand and Energy Reduction by County

COUNTY	AC Installer & AC Tune-Up MTPs		HTR & Targeted LI SOPs		Energy Star Homes & Low Rise MTPs		Commercial SOP & Data Centers		Air Conditioning Distributor MTPs		Commercial Lead Mgmt. SOP		Home Energy Efficiency SOP		Educational Facilities MTP		Government Facilities MTP		Residential Member Response SOP		Small Commercial SOP			
	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh	KW	KWh		
ANDERSON	15.1	43,425.0	21.0	10,146.0	58.1	15,146.0	10,146.0	10,146.0	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5	11.9	50,892.5
ANDREWS																								
ANGELINA																								
ARCHER																								
BASTROP																								
BELL																								
BOSQUE																								
BROWN																								
CHEROKEE																								
CLAY																								
COLEMAN																								
COLLIN																								
COMANCHE																								
COOKE																								
CORYELL																								
CRANE																								

DALLAS	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
DAWSON	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
DELTA	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
DENTON	KW 52	KW 12,074.0	KW 32.15	KW 260.5	KW 260,895.6	KW 5,053,086.6	KW 495.7	KW 36.2	KW 106,166.0	KW 387.8	KW 480.8	KW 39.7	KW 284.0	KW 284.0	KW 284.0
EASTLAND	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
ECTOR	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
ELLIS	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
ERATH	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
FALLS	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
FANNIN	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
FREESTONE	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
GLASSCOCK	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
GRAYSON	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HENDERSON	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HILL	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HOOD	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HOPKINS	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HOUSTON	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9
HOWARD	KW 37,078.0	KW 18,472,897.2	KW 4,885.0	KW 843.7	KW 10,377,051.1	KW 48,288,208.5	KW 5,038.8	KW 207.0	KW 588,444.8	KW 5,004.9	KW 4,740.4	KW 1,221.2	KW 135.4	KW 1,450.0	KW 146.9

2011 EEP Appendices

A3

OnCor

WILLIAMSON	kw kWh	11.0 51942.1	kw kWh	148.0 147,567.0	kw kWh	121.7 474,486.0	kw kWh	38.0 15,418.0	kw kWh	253.4 87,362.2	kw kWh	33.6 87,362.2	kw kWh	238.6 437,270.4	kw kWh	88.0 88.0
WINKLER	kw kWh		kw kWh		kw kWh		kw kWh		kw kWh		kw kWh		kw kWh		kw kWh	
WISE	kw kWh	4.3 18,508.7	kw kWh		kw kWh		kw kWh	0.7 3,321.0	kw kWh		kw kWh	9.5 40,819.1	kw kWh	6.6 18,732.0	kw kWh	67.0 67.0
YOUNG	kw kWh	1.7 9,859.7	kw kWh		kw kWh		kw kWh		kw kWh		kw kWh	3.2 6,308.7	kw kWh		kw kWh	20.0 20.0
Total Sum of kW		16.0		3.7		20.7		7.7		39.3		42.8		64.9		4.8
Total Sum of kWh		43,295,348		4,984,230		10,563,298		2,227,494		39,319,090		39,319,090		18,098,534		1,390,935

APPENDIX B: PROGRAM TEMPLATES

Oncor has no new Program Templates for 2011.

APPENDIX C: EXISTING DSM CONTRACTS OR OBLIGATIONS

Existing DSM Contracts

Name of Contract Program Termination Date	Type of Program	2010
Planergy Services November 12, 2009 Incremental kW Incremental kWh impact Contract Payments	Solicited lighting and HVAC program targeted to large Commercial & Industrial customers	- - \$ 278,467

APPENDIX D: OPTIONAL SUPPORT DOCUMENTATION

At this time, Oncor is not submitting optional support documentation for 2011.

Oncor's Energy Efficiency Expenses by Rate Code for 2010 Program Year

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
	Residential	Rate Code 5	Rate Code 6	Rate Code 7	Rate Code 11 and G0	Rate Code 16 and E0	Rate Code 17 and D0	Rate Code 19 and E1	Rate Code 20 and D1	Rate Code 23 and D4	Rate Code 30 and K0	Rate Code 31 and J0	Rate Code 33 and K1	Rate Code 36 and K4	Rate Code 37 and J4	Total
Hard-to-Reach SOP	\$10,495,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,495,936
Energy Star Homes MTP	\$951,774	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$951,774
Educational Facilities MTP	\$0	\$151,289	\$0	\$0	\$0	\$1,708,834	\$1,387,733	\$62,879	\$36,743	\$0	\$421,100	\$0	\$0	\$16,818	\$2,500	\$3,787,896
Home Energy Efficiency SOP	\$7,825,731	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,825,731
Large Commercial SOP	\$0	\$152,851	\$0	\$0	\$0	\$3,210,402	\$2,936,694	\$4,782	\$75,208	\$49,472	\$1,811,784	\$40,865	\$0	\$412,560	\$0	\$8,694,618
Air Conditioning Installer & Training MTP	\$225,519	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,519
Commercial Load Management SOP	\$0	\$0	\$0	\$0	\$0	\$593,666	\$0	\$1,433	\$0	\$0	\$750,386	\$0	\$19,672	\$0	\$0	\$1,365,157
Existing DSM Contracts	\$0	\$0	\$0	\$0	\$0	\$251,694	\$55,704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307,398
Air Conditioning Distributor MTP - Commercial	\$0	\$106,600	\$0	\$0	\$0	\$80,117	\$134,910	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$321,627
Air Conditioning Distributor MTP - Residential	\$686,932	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$686,932
Research & Development	\$97,250	\$5,881	\$0	\$0	\$0	\$207,148	\$112,993	\$184	\$2,894	\$1,903	\$97,595	\$1,572	\$0	\$15,873	\$0	\$543,283
Targeted Weatherization Low-Income Program (SB 712)	\$3,215,335	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,215,335
Residential Demand Response SOP	\$462,002	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$462,002
Air Conditioning Tune-Up MTP	\$127,769	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,769
Refrigerator/Freezer Recycling MTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Government Facilities MTP	\$0	\$35,553	\$0	\$0	\$0	\$60,884	\$531,035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$627,472
Small Commercial SOP	\$0	\$6,395	\$0	\$0	\$0	\$0	\$216,586	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$222,981
Data Centers MTP	\$0	\$0	\$0	\$0	\$0	\$635,302	\$0	\$0	\$0	\$0	\$212,468	\$0	\$0	\$0	\$0	\$847,770
Energy Star Low-Rise MTP	\$397,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$397,930
Total Expenses by Rate Code	\$24,486,179	\$458,569	\$0	\$0	\$0	\$6,748,047	\$5,375,655	\$69,278	\$114,845	\$51,375	\$3,293,323	\$42,437	\$19,672	\$445,251	\$2,500	\$41,107,131

Oncor's 2010 Earned Energy Efficiency Performance Bonus Calculation*

	kW Saved	kWh Saved	Measure Life - Yrs	kW Avoided Costs	kWh Avoided Costs	Total Avoided Costs kW	Total Avoided Costs kWh	Total Avoided Costs
Residential								
Energy Star Homes	3,474.7	3,962,985.5	23	\$963.28	\$0.77062	\$3,347,109.02	\$3,069,366.29	\$6,416,477.30
Energy Star Low-Rise	238.4	981,244.0	23	\$963.28	\$0.77062	\$229,645.95	\$756,166.25	\$985,812.20
Targeted LIP	933.0	2,616,262.6						
Air Infiltration	94.1	176,674.7	11	\$617.96	\$0.49437	\$703,491.36	\$1,402,707.38	\$2,106,198.74
Ceiling Insulation	379.7	102,117.1	25	\$1,000.75	\$0.80060	\$379,995.48	\$88,331.41	\$146,499.86
Central A/C	26.8	120,482.9	15	\$760.77	\$0.60862	\$20,413.74	\$562,114.94	\$942,110.43
CFL	90.1	587,828.5	5.3	\$346.77	\$0.27742	\$31,238.08	\$163,075.39	\$194,313.47
Duct Improvement	1.8	6,692.4	18	\$847.97	\$0.67838	\$1,486.92	\$4,540.00	\$6,026.91
Energy Star Ceiling Fan	0.0	201,525.4	10	\$576.73	\$0.46138	\$0.00	\$92,979.79	\$92,979.79
Energy Star Refrigerator	21.9	161,133.0	14	\$728.13	\$0.58251	\$15,918.96	\$93,861.55	\$109,780.52
Showerheads	4.4	37,386.0	10	\$576.73	\$0.46138	\$2,550.30	\$17,249.15	\$19,799.45
Solar Screens	231.8	448,778.0	10	\$576.73	\$0.46138	\$133,706.14	\$207,057.20	\$340,763.34
Water Heater Jacket	2.2	22,200.0	7	\$437.53	\$0.35002	\$971.32	\$7,770.44	\$8,741.76
Water Heater Pipe Insulation	0.89	8,880.0	13	\$693.53	\$0.55483	\$615.85	\$4,926.89	\$5,542.75
Wall Insulation	11.3	38,584.2	25	\$1,000.75	\$0.80060	\$11,263.44	\$30,890.51	\$42,153.95
Window Unit	68.0	101,980.4	13	\$693.53	\$0.55483	\$47,162.68	\$56,581.78	\$103,744.46
Hard-to-Reach SOP	10,756.9	40,679,085.6				\$8,840,131.09	\$26,807,485.14	\$35,647,616.22
Aerators	0.1	562.2	10	\$576.73	\$0.46138	\$45.27	\$259.39	\$304.66
Air Infiltration	2,534.0	9,249,059.4	11	\$617.96	\$0.49437	\$1,565,910.64	\$4,572,457.50	\$6,138,368.14
Ceiling Insulation	2,346.8	9,851,347.5	25	\$1,000.75	\$0.80060	\$2,348,550.39	\$7,866,988.81	\$10,235,539.20
CFL	111.1	702,778.5	5.3	\$346.77	\$0.27742	\$38,538.53	\$194,964.81	\$233,503.34
Duct Improvement	5,756.0	20,804,716.2	18	\$847.97	\$0.67838	\$4,880,954.50	\$14,113,503.38	\$18,994,457.87
Floor Insulation	1.3	9,359.5	25	\$1,000.75	\$0.80060	\$1,285.26	\$7,493.22	\$8,778.48
Showerheads	3.6	30,643.0	10	\$576.73	\$0.46138	\$2,091.34	\$14,138.07	\$16,229.41
Wall Insulation	1.2	11,571.6	25	\$1,000.75	\$0.80060	\$1,245.73	\$9,264.22	\$10,509.96
Water Heater Jacket	1.0	10,171.7	7	\$437.53	\$0.35002	\$443.22	\$3,560.30	\$4,003.52
Water Heater Pipe Insulation	0.819	8,135.3	13	\$693.53	\$0.55483	\$567.79	\$4,513.71	\$5,081.50
Solar Screens	0.864	740.7	10	\$576.73	\$0.46138	\$498.41	\$341.74	\$840.15
Residential Demand Response	4,885.0	0.0	1	\$80.00	\$0.06400	\$390,800.00	\$0.00	\$390,800.00
Air Conditioning Distributor MTP	583.7	1,753,201.1				\$445,313.69	\$1,069,097.25	\$1,514,410.94
Central AC Retrofit	510.8	1,456,046.0	15	\$760.77	\$0.60862	\$388,586.10	\$886,178.72	\$1,274,764.82
Central HP Retrofit	67.9	286,404.0	15	\$760.77	\$0.60862	\$51,663.89	\$174,311.20	\$225,975.09
Geo HP	5.1	10,751.1	25	\$1,000.75	\$0.80060	\$5,063.69	\$8,607.33	\$13,671.03
Home Energy Efficiency SOP	12,892.8	39,319,089.5				\$10,387,096.43	\$25,639,488.93	\$36,026,585.35
Air Infiltration	3,395.7	10,317,707.1	11	\$617.96	\$0.49437	\$2,098,414.50	\$5,100,764.86	\$7,199,179.36
Ceiling Insulation	1,542.9	7,081,357.9	25	\$1,000.75	\$0.80060	\$1,544,062.68	\$5,669,335.13	\$7,213,397.81
Central A/C	9.2	25,744.0	15	\$760.77	\$0.60862	\$6,976.26	\$15,668.31	\$22,644.57
Heat Pump	4.8	20,454.0	15	\$760.77	\$0.60862	\$3,628.87	\$12,448.71	\$16,077.59
Duct Improvement	7,934.2	21,851,196.8	18	\$847.97	\$0.67838	\$6,727,991.13	\$14,823,414.89	\$21,551,406.02
Energy Star Window	3.5	6,732.5	25	\$1,000.75	\$0.80060	\$3,466.20	\$5,390.04	\$8,856.24
Floor Insulation	0.5	5,331.1	25	\$1,000.75	\$0.80060	\$491.27	\$4,268.08	\$4,759.35

Oncor's 2010 Earned Energy Efficiency Performance Bonus Calculation*

Wall Insulation	2.0	9,753.5	25	\$1,000.75	\$0.80060	\$2,016.71	\$7,808.65	\$9,825.36
Water Heater Jacket	0.03	295.9	7	\$437.53	\$0.35002	\$12.95	\$103.57	\$116.52
Water Heater Pipe Insulation	0.05	516.7	13	\$693.53	\$0.55483	\$35.86	\$286.68	\$322.54
AC Tune-Up MTP	1.2	1,388.0	5	\$330.21	\$0.26416	\$396.25	\$366.65	\$762.91
A/C Installer MTP	61.1	147,215.0				\$31,236.42	\$67,644.87	\$98,881.29
Central AC	19.8	57,601.0	15	\$760.77	\$0.60862	\$15,048.03	\$35,057.12	\$50,105.15
Heat Pump	5.9	25,882.0	15	\$760.77	\$0.60862	\$4,496.15	\$15,752.90	\$20,248.45
Energy Star Installation	35.4	63,732.0	5	\$330.21	\$0.26416	\$11,592.24	\$16,835.45	\$28,527.69
Residential Total	33,826.8	89,480,471.3				\$24,375,220.20	\$58,812,324.75	\$83,187,544.96
Commercial								
Commercial SOP	19,882.9	108,914,128.9				\$15,802,480.37	\$68,443,225.15	\$84,245,705.52
Chillers	3,852.6	8,439,154.9	20	\$898.17	\$0.71854	\$3,460,246.81	\$6,063,870.36	\$9,524,117.17
Energy Star Roof	124.3	70,029.7	15	\$760.77	\$0.60862	\$94,561.58	\$42,621.48	\$137,183.06
Air Infiltration	190.0	1,056,605.0	10	\$576.73	\$0.46138	\$109,578.70	\$487,496.41	\$597,075.11
Lighting	4.8	27,431.7	1	\$80.00	\$0.06400	\$387.74	\$1,755.63	\$2,143.37
Lighting	455.8	6,366,643.0	10	\$576.73	\$0.46138	\$262,873.53	\$2,937,441.75	\$3,200,315.28
Lighting	2,768.0	17,006,917.8	11	\$617.96	\$0.49437	\$1,710,542.45	\$8,407,709.95	\$10,118,252.40
Lighting	553.7	4,493,700.8	14	\$728.13	\$0.58251	\$403,137.91	\$2,617,625.66	\$3,020,763.58
Lighting	6,899.0	46,474,151.2	15	\$760.77	\$0.60862	\$5,248,570.79	\$28,285,097.93	\$33,533,668.73
Lighting	-50.6	282,827.3	16	\$791.55	\$0.63324	-\$40,086.12	\$179,097.56	\$139,031.44
Motor	163.8	-2,456,190.7	15	\$760.77	\$0.60862	\$124,614.13	-\$1,494,886.78	-\$1,370,272.66
Biomass	2,850.0	22,865,000.0	25	\$1,000.75	\$0.80060	\$2,852,137.50	\$18,305,719.00	\$21,157,856.50
DX Air Conditioners	2,071.4	4,287,858.1	15	\$760.77	\$0.60862	\$1,575,895.34	\$2,609,676.20	\$4,185,571.54
Air Conditioning Distributor MTP	188.0	474,292.8				\$150,855.00	\$303,782.70	\$454,637.70
Central AC Retrofit	155.3	395,541.8	15	\$760.77	\$0.60862	\$118,172.00	\$240,734.65	\$358,906.65
Geo HP	32.7	78,751.0	25	\$1,000.75	\$0.80060	\$32,682.99	\$63,048.05	\$95,731.04
Educational Facilities MTP	6,409.0	16,098,533.5				\$5,229,857.17	\$10,260,919.51	\$15,490,776.69
Chiller	1,036.4	1,940,941.9	20	\$898.17	\$0.71854	\$930,849.15	\$1,179,082.37	\$2,109,931.52
DX HVAC	1,506.1	3,308,568.6	15	\$760.77	\$0.60862	\$1,145,778.27	\$2,013,661.02	\$3,159,439.29
Lighting	7.9	28,117.3	1	\$80.00	\$0.06400	\$630.22	\$1,799.51	\$2,429.73
Lighting	83.2	263,526.0	14	\$728.13	\$0.58251	\$60,590.51	\$153,506.51	\$214,097.02
Lighting	2,804.3	9,113,304.0	15	\$760.77	\$0.60862	\$2,133,420.43	\$5,546,539.07	\$7,679,959.50
Lighting	59.1	171,277.3	16	\$791.55	\$0.63324	\$46,756.24	\$108,459.61	\$155,215.86
Controls	2.1	3,865.0	10	\$576.73	\$0.46138	\$1,211.13	\$1,783.23	\$2,994.37
Geothermal	909.9	1,568,993.5	25	\$1,000.75	\$0.80060	\$910,621.21	\$1,256,088.19	\$2,166,709.40
Commercial Load Mgt	39,307.5	0.0	1	\$80.00	\$0.06400	\$3,144,600.00	\$0.00	\$3,144,600.00
Government Facilities MTP	399.8	1,777,983.7				\$318,668.27	\$1,115,342.84	\$1,434,011.11
Chiller	5.2	11,620.7	20	\$898.17	\$0.71854	\$4,693.18	\$8,349.96	\$13,043.13
DX HVAC	135.1	345,386.3	15	\$760.77	\$0.60862	\$102,760.81	\$210,208.99	\$312,969.80
Lighting	0.6	2,791.9	14	\$728.13	\$0.58251	\$438.82	\$1,626.34	\$2,065.16
Lighting	182	1,058,255.9	15	\$760.77	\$0.60862	\$138,623.65	\$644,075.70	\$782,699.35
Lighting	16.8	216,210.9	16	\$791.55	\$0.63324	\$13,266.93	\$136,913.37	\$150,180.31
Window Film	2.5	2,630.0	10	\$576.73	\$0.46138	\$1,441.83	\$1,213.43	\$2,655.25
Geothermal	57.4	141,088.0	25	\$1,000.75	\$0.80060	\$57,443.05	\$112,955.05	\$170,398.10

Oncor's 2010 Earned Energy Efficiency Performance Bonus Calculation*

Small Commercial SOP	285.7	1,390,885.2						\$217,350.01	\$846,539.46	\$1,063,889.47
Central AC Retrofit	9.4	31,544.6	15	\$760.77	\$0.60862			\$71,132.20	\$19,198.67	\$26,311.87
Lighting	258.8	1,310,614.4	15	\$760.77	\$0.60862			\$196,879.67	\$797,666.15	\$994,545.82
Lighting	0.4	2,004.0	16	\$791.55	\$0.63324			\$340.37	\$1,268.99	\$1,609.36
Duct Improvement	17.1	46,672.2	15	\$760.77	\$0.60862			\$13,016.77	\$28,405.63	\$41,422.41
Data Centers SOP	819.7	7,649,167.0						\$484,524.14	\$3,586,642.50	\$4,071,166.64
DC UPS	115	1,007,419.0	10	\$576.73	\$0.46138			\$66,323.95	\$464,802.98	\$531,126.93
DX HVAC	23.8	54,440.0	15	\$760.77	\$0.60862			\$18,106.33	\$33,133.27	\$51,239.60
Lighting	40.2	395,874.0	15	\$760.77	\$0.60862			\$30,582.95	\$204,419.63	\$235,002.59
Controls	640.7	6,251,434.0	10	\$576.73	\$0.46138			\$369,510.91	\$2,884,286.02	\$3,253,797.53
Commercial Total	67,292.5	136,304,941.1						\$25,348,334.95	\$84,556,452.17	\$109,904,787.12
Grand Total	101,119.3	225,785,412.4						\$49,723,555.16	\$143,368,776.92	\$193,092,332.08

2010 Minimum Goal MW	53.1
2010 Achieved Goal MW	101.1
Percentage Over Goal	90.40%

Bonus Calculation % of Net Benefits (1% of every 2% the Demand Goal is exceeded)	0.4520
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Bonus Based on 45.2% of Net Benefits (\$151,985,345.27 x .4520)	\$68,697,311
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Bonus Capped at 20% of 2010 Total Program Costs (\$41,107,131 x .2)	\$8,221,426
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Total Bonus	\$8,221,426
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Net Benefit Calculation	
\$193,092,332.08	Total Avoided Costs
-\$41,107,131.21	- Sum of Total Program Costs
\$151,985,200.87	= Net Benefits

* Avoided Costs are calculated using the present value of the Commission-approved avoided capacity cost of \$80/kW and avoided energy cost of \$0.064/kWh as defined in Rule § 25.181(d) and based on measure life, 2% escalation rate and 8.14% discount rate as noted in § Rule 25.181(h)(5).

Oncor's Total 2012 EECRF Request by Rate Code

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q
	Rate Code 5 and B0	Rate Code 6 and B4	Rate Code 7 and B4	Rate Code 11 and G0	Rate Code 16 and E0	Rate Code 17 and D0	Rate Code 19 and E1	Rate Code 20 and D1	Rate Code 23 and D4	Rate Code 30 and K0	Rate Code 31 and J0	Rate Code 33 and K1	Rate Code 36 and K4	Rate Code 37 and J4	Total	
Hard-to-Reach SOP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,945,197
Energy Star Homes MTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,136,364
Educational Facilities MTP	\$0	\$186,084	\$0	\$0	\$2,101,856	\$1,706,905	\$77,341	\$45,193	\$0	\$517,951	\$0	\$0	\$20,686	\$3,075	\$4,659,091	
Home Energy Efficiency SOP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,007,056
Large Commercial SOP	\$0	\$199,773	\$0	\$0	\$4,195,909	\$3,838,182	\$6,250	\$98,295	\$64,659	\$2,367,854	\$53,409	\$0	\$539,205	\$0	\$11,363,636	
Commercial Load Management SOP	\$0	\$0	\$0	\$0	\$988,341	\$0	\$2,386	\$0	\$0	\$1,249,250	\$0	\$32,750	\$0	\$0	\$0	\$2,272,727
AC MTP - Commercial	\$0	\$146,323	\$0	\$0	\$109,972	\$185,182	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$441,477
AC MTP - Residential	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,193,182
Research & Development	\$0	\$11,475	\$0	\$0	\$241,021	\$220,473	\$359	\$5,646	\$3,714	\$136,020	\$3,068	\$0	\$30,973	\$0	\$0	\$750,000
Targeted Weatherization Low-Income Program (SB 712)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,878,342
Government Facilities MTP	\$0	\$64,366	\$0	\$0	\$110,261	\$961,717	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,136,364
Small Commercial SOP	\$0	\$21,901	\$0	\$0	\$0	\$741,795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$763,636
Energy Star Low-Rise MTP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$426,136
Total Estimated Program Expenses by Rate Code 2010 EECRF Over/Under Recovery	\$27,683,527	\$629,942	\$0	\$0	\$7,747,360	\$7,654,194	\$86,336	\$149,134	\$68,373	\$4,271,175	\$56,477	\$32,750	\$590,864	\$3,075	\$48,973,208	
Requested Energy Efficiency Performance Bonus																-\$3,296,133
Total 2012 EECRF Request																\$8,221,426
																\$53,898,501

**INDEX TO THE DIRECT TESTIMONY
OF J. MICHAEL SHERBURNE, WITNESS FOR
ONCOR ELECTRIC DELIVERY COMPANY LLC**

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EXHIBITS:

- EXHIBIT JMS-1 List of J. Michael Sherburne's Prior Commission Testimony
- EXHIBIT JMS-2 Aggregation of the 2012 Energy Efficiency Costs to Rate Class
- EXHIBIT JMS-3 Performance Bonus Allocation
- EXHIBIT JMS-4 Calculation of 2012 Energy Efficiency Cost Recovery Factors
- EXHIBIT JMS-5 Rider EECRF – Energy Efficiency Cost Recovery Factor
- EXHIBIT JMS-6 Rider EECRF – Energy Efficiency Cost Recovery Factor
(Redline Version)

1 DIRECT TESTIMONY OF J. MICHAEL SHERBURNE

2 I. POSITION AND QUALIFICATIONS

3 Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND CURRENT
4 EMPLOYMENT POSITION.

5 A. My name is J. Michael Sherburne. My business address is 1616 Woodall
6 Rodgers Freeway, Dallas, Texas, 75202-1234. I am Senior Director,
7 Rates and Financial Analysis for Oncor Electric Delivery Company LLC
8 ("Oncor" or "Company").

9 Q. PLEASE DISCUSS YOUR EDUCATIONAL BACKGROUND AND
10 PROFESSIONAL QUALIFICATIONS.

11 A. I graduated from Louisiana State University in December 1979 with a
12 Bachelor of Science degree in Electrical Engineering. In August 1989, I
13 received a Master of Business Administration degree from the University
14 of Dallas. I began employment with Dallas Power & Light Company
15 ("DP&L") in June 1980 as an Engineer, Jr. in the Research and
16 Development Section of the Distribution Department where I was
17 responsible for testing and evaluating new equipment and technologies for
18 application on the distribution system and analyzing the root cause for
19 equipment failures on the distribution system. In June 1984, I was named
20 Section Head - Overhead and Underground Operations in the DP&L
21 Distribution Department. In that role, I was responsible for a group of
22 distribution operation technicians that located underground cable faults
23 and transformer overloads, and arranged for clearances (planned
24 outages) in the downtown Dallas network and surrounding areas that
25 enabled the Company and customers to perform necessary maintenance
26 and/or add additional load to the system. In April 1986, I was named
27 Senior Engineer in the DP&L Distribution Design Division of the
28 Engineering Department where, among other things, I worked to
29 standardize the line extension policy for the three electric operation

1 divisions of Texas Utilities Electric Company and began working on a
2 remote meter reading system for a high rise apartment complex in Dallas.
3 In December 1987, I was named Manager, Facilities Management for
4 DP&L and became responsible for the construction, operation, and
5 maintenance of DP&L office facilities. I continued that responsibility until
6 February 1991, when I was named to the position of Rates and Cost
7 Analysis Manager for Texas Utilities Electric Company. In that role, I had
8 responsibility for interpreting and administering the Company's Tariff for
9 Electric Service, determining the appropriate rate class cost allocation
10 methodology for the Company's rate class cost of service, and reviewing
11 and participating in rulemakings at the Public Utility Commission of Texas
12 ("Commission"). In May 1999, I was named Electric Rates Manager - TXU
13 Business Services and became the Company's advocate in virtually all of
14 the rulemakings associated with the opening of the retail electricity market
15 in the Electric Reliability Council of Texas ("ERCOT"). I participated in
16 countless workshops dealing with the unbundling rules, especially the
17 creation of the Pro Forma Tariff for Retail Delivery Service (Substantive
18 Rule 25.241). Subsequent to the opening of the retail market in Texas, I
19 continued to represent the Company in rate and regulatory proceedings at
20 the Commission. In February 2008, I was named Director – Rates and
21 Retail Regulation for Oncor, and in April, 2009, I was named to my current
22 position of Senior Director – Rates & Financial Analysis for Oncor.

23 Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE COMMISSION?

24 A. Yes. Please see Exhibit JMS-1 for a list of the Commission proceedings
25 in which I have provided testimony.

26 **II. PURPOSE OF DIRECT TESTIMONY**

27 Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

28 A. The purpose of my direct testimony is to: (1) provide background on
29 Oncor's recovery of energy efficiency program costs in calendar year

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1 2010; (2) describe and support the methodology used to develop the
2 proposed energy efficiency cost recovery factor (“EECRF”) charges to
3 recover the proposed 2012 energy efficiency costs under Commission
4 Substantive Rule § 25.181 (“Rule 25.181”); (3) describe and support the
5 methodology used to allocate to the rate classes Oncor’s requested
6 Energy Efficiency Performance Bonus; and (4) support Oncor’s proposed
7 adjustments to its Rider EECRF – Energy Efficiency Cost Recovery
8 Factor.

9 **III. ONCOR’S RECOVERY OF ENERGY EFFICIENCY PROGRAM COSTS**

10 Q. HOW WERE COSTS ASSOCIATED WITH ENERGY EFFICIENCY
11 PROGRAMS RECOVERED BY ONCOR IN 2010?

12 A. Oncor recovered energy efficiency costs in 2010 through EECRF factors
13 approved by the Commission in Docket No. 38217. Please refer to my
14 WP/JMS/1 for the energy efficiency revenues recovered in 2010 through
15 these EECRF factors.

16 Q. WHY IS ONCOR REQUESTING AN EECRF FOR 2012?

17 A. Oncor is requesting an EECRF for 2012 in compliance with Rule
18 25.181(f)(4), which provides as follows: “Not later than May 1 of each
19 calendar year, a utility with an EECRF shall apply to adjust the EECRF
20 effective in January of the following year. An application filed pursuant to
21 this paragraph shall reflect changes in program costs and bonuses and
22 shall minimize any over- or under-collection of energy efficiency costs
23 resulting from the use of the EECRF. The EECRF shall be designed to
24 permit the utility to recover any under-recovery of energy efficiency
25 program costs or return any over-recovery of costs.”

26 **IV. CALCULATION OF THE AMOUNT TO BE RECOVERED BY RATE**
27 **CLASS THROUGH THE 2012 EECRF**

28 Q. HOW IS THE AMOUNT TO BE RECOVERED THROUGH ONCOR’S
29 PROPOSED 2012 EECRF DETERMINED?

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1 A. The methodology used to determine the amount to be recovered through
2 the EECRF is specified in Rule 25.181(f) and is described in the direct
3 testimony of Oncor witness Mr. Michael R. Stockard. Oncor's proposed
4 2012 EECRF is designed to include the forecasted costs of the 2012
5 program year, Oncor's over-recovery of actual 2010 energy efficiency
6 costs, and Oncor's requested Energy Efficiency Performance Bonus for
7 2010 program year achievements. The total amount requested for
8 recovery through the 2012 EECRF is \$53,898,501.

9 Q. PLEASE DESCRIBE HOW THE 2012 ENERGY EFFICIENCY PROGRAM
10 COSTS, BY RATE CLASS, WERE DERIVED.

11 A. Oncor witness Mr. Stockard assigned the energy efficiency program costs
12 for 2012 at the rate code level as further described in his direct testimony
13 and Exhibit MRS-4. These program costs were then aggregated to the
14 rate class level as shown in my Exhibit JMS-2 column (d).

15 Q. DID ONCOR EXPERIENCE AN OVER-RECOVERY OF 2010 ENERGY
16 EFFICIENCY PROGRAM COSTS?

17 A. Yes. Oncor experienced an over-recovery of \$3,296,133 in the 2010
18 program year.

19 Q. PLEASE DESCRIBE HOW THE OVER-RECOVERY OF 2010 ENERGY
20 EFFICIENCY PROGRAM COSTS, BY RATE CLASS, WERE DERIVED.

21 A. The amount of over-recovery by rate class was calculated by subtracting
22 the 2010 energy efficiency program expenses from revenues collected
23 through the 2010 EECRF factors (excluding 2008 performance bonus
24 amount) as shown in my Exhibit JMS-2 column (e). Oncor witness Mr.
25 Stockard identified the energy efficiency program expenses by rate code
26 for 2010 as further described in his direct testimony and Exhibit MRS-2.
27 The energy efficiency program expenses were then aggregated to the rate
28 class level as shown in my WP/JMS/2 column (d). The associated energy
29 efficiency revenues for 2010 were aggregated to the rate level from

1 Company Books and Records as reflected in WP/JMS/2 column (e) with
2 further details presented in WP/JMS/1. The over-recovery was then
3 calculated by subtracting 2010 energy efficiency revenues excluding the
4 2008 performance bonus from 2010 energy efficiency expenses as shown
5 in WP/JMS/2 column (g).

6 **V. ALLOCATION OF THE REQUESTED 2010 ENERGY EFFICIENCY**
7 **PERFORMANCE BONUS**

8 Q. DID ONCOR EARN AN ENERGY EFFICIENCY PERFORMANCE
9 BONUS BASED ON THE RESULTS OF ITS 2010 ENERGY EFFICIENCY
10 PROGRAMS?

11 A. Yes. Substantive Rule 25.181(h) states that a “utility that exceeds its
12 demand and energy reduction goals established in this section . . . shall
13 be awarded a performance bonus.” Details of how Oncor exceeded its
14 demand reduction goal, thus qualifying for a performance bonus, are
15 described in Mr. Stockard’s direct testimony.

16 Q. WHAT IS THE AMOUNT OF THE 2010 ENERGY EFFICIENCY
17 PERFORMANCE BONUS EARNED BY ONCOR AND HOW WAS IT
18 DETERMINED?

19 A. Under Substantive Rule 25.181(h), Oncor earned an \$8,221,426 Energy
20 Efficiency Performance Bonus for its 2010 program year achievements as
21 shown on Exhibit MRS-3 Page 3. Oncor is requesting to recover this
22 earned performance bonus of \$8,221,426 through the 2012 EECRF. Mr.
23 Stockard’s direct testimony provides further explanation of the calculation
24 of Oncor’s earned performance bonus.

25 Q. PLEASE DESCRIBE THE METHODOLOGY USED BY ONCOR TO
26 ALLOCATE THE REQUESTED 2010 PERFORMANCE BONUS TO THE
27 RATE CLASSES.

28 A. Oncor is proposing to use the 4CP allocation factors included in the
29 proposed settlement of its current pending rate case – Docket No. 38929.

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1 The Commission has decided in Oncor's last two EECRF proceedings
2 (Docket No. 36958 and Docket No. 38217) that the 4CP allocation
3 methodology is appropriate for the allocation of the performance bonus.
4 The 2010 performance bonus allocation for each rate class is calculated
5 by multiplying the requested performance bonus amount of \$8,221,426
6 (column (a) of Exhibit JMS-3) by the allocation factor for each rate class
7 (column (b) of Exhibit JMS-3).

8 **VI. CALCULATION OF THE PROPOSED 2012 ENERGY EFFICIENCY**
9 **COST RECOVERY FACTORS**

10 Q. HOW ARE THE PROPOSED ENERGY EFFICIENCY COST RECOVERY
11 FACTORS CALCULATED?

12 A. The proposed EECRFs are calculated by dividing the 2012 Total Energy
13 Efficiency Cost amount (column (d) of my Exhibit JMS-4) by the 2012
14 forecasted number of annual bills for each rate class (column (b) of my
15 Exhibit JMS-4). These EECRFs are also included in proposed Rider
16 EECRF - Energy Efficiency Cost Recovery Factor (my Exhibits JMS-5 and
17 JMS-6).

18 Q. HOW WAS THE 2012 FORECASTED NUMBER OF BILLS BY RATE
19 CLASS DETERMINED?

20 A. The forecasted number of bills by rate class for 2012 is based on the
21 information contained in Oncor's 2010 Energy and Demand Plan – 2012
22 Projections as shown in WP/JMS/3.

23 **VII. CONCLUSION**

24 Q. PLEASE SUMMARIZE YOUR DIRECT TESTIMONY.

25 A. Oncor has accurately calculated the 4CP allocation factors from the
26 proposed settlement in the Company's most recent base rate case,
27 Docket No. 38929. I have used those factors to allocate the requested
28 performance bonus discussed by Mr. Stockard, and I have accurately
29 calculated the amounts by rate class to be recovered through an EECRF.

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1 Additionally, I have used Mr. Stockard's forecasted energy efficiency
2 program costs for the 2012 program year and have accurately aggregated
3 the amount of those costs, by rate class, to be recovered through an
4 EECRF. Similarly, I have aggregated the 2010 energy efficiency
5 expenses provided by Mr. Stockard to the rate class level, and have
6 compared those expenses to the energy efficiency revenues recovered in
7 2010 (excluding 2008 performance bonus amounts) to correctly calculate
8 the 2010 over-recovery by rate class. I have also accurately calculated the
9 proposed EECRFs on a per bill amount and have included these factors in
10 Rider EECRF - Energy Efficiency Cost Recovery Factor. The proposed
11 2012 EECRF will result in the recovery of Oncor's forecasted 2012 energy
12 efficiency program costs, the return of the 2010 over-recovered energy
13 efficiency costs, and recovery of the requested 2010 Energy Efficiency
14 Performance Bonus. For all of these reasons stated above, the proposed
15 Rider EECRF is calculated correctly, is just and reasonable and should be
16 approved. The 2012 EECRF factors should be made effective beginning
17 with bills rendered on the first billing cycle for 2012, January 3, 2012.

18 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

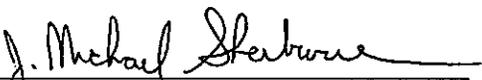
19 A. Yes, it does.

AFFIDAVIT

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared J. Michael Sherburne, who, having been placed under oath by me, did depose as follows:

My name is J. Michael Sherburne. I am of legal age and a resident of the State of Texas. The foregoing direct testimony and the attached exhibits offered by me are true and correct, and the opinions stated therein are, to the best of my knowledge and belief, accurate, true and correct.



J. Michael Sherburne

SUBSCRIBED AND SWORN TO BEFORE ME by the said J. Michael Sherburne this 24th day of April, 2011.





Notary Public, State of Texas

**Oncor Electric Delivery Company LLC
Application for 2012 Energy Efficiency Cost Recovery Factor**

List of J. Michael Sherburne's Prior Commission Testimony

<u>Docket No.</u>	<u>Case Style</u>
11037	APPLICATION OF TEXAS UTILITIES ELECTRIC COMPANY FOR APPROVAL OF CALCULATION OF HOUSE BILL TAX ADJUSTMENT FACTORS FOR 1992. PURSUANT TO SUBST R. 23.21(d)
11632	APPL. OF TU ELECTRIC CO. FOR APPROVAL OF CALCULATION OF H.B. 11 TAX ADJUSTMENT FACTORS FOR 1993. PURSUANT TO SUBST. R. 23.21(d)
11735	APPLICATION OF TEXAS UTILITIES ELECTRIC COMPANY FOR AUTHORITY TO CHANGE RATES
13575	APPL. OF TEXAS UTILITIES ELEC CO FOR APPROVAL OF ITS 1995 INTEGRATED RESOURCE PLAN (IRP) AND THE DEMAND-SIDE MANAGEMENT PROGRAMS AND CONTRACTS, RENEWABLE RESOURCES AGREEMENT, AND NOTICES OF INTENT ASSOCIATED THEREWITH, FOR APPROVAL OF CERTAIN COST RECOVER
20200	COMPLAINT OF TEXAS DEPARTMENT OF TRANSPORTATION AGAINST TEXAS UTILITIES ELECTRIC COMPANY
20546	FULL SWITCHOVER COMPLIANCE FILINGS OF TEXAS-NEW MEXICO POWER COMPANY, TEXAS UTILITIES ELECTRIC COMPANY, SOUTHWESTERN ELECTRIC SERVICE COMPANY, AND THEIR COOPERATIVE COMPETITORS
21527	APPLICATION OF TXU ELECTRIC COMPANY FOR FINANCING ORDER TO SECURITIZE REGULATORY ASSETS AND OTHER QUALIFIED COSTS
22051	APPLICATION OF TXU ELECTRIC COMPANY TO REVISE TARIFF; TABLE OF CONTENTS; SECTION 2.1 CITIES SERVED LISTING AND TARIFF PAGES REFLECTING THE PROPOSED CHANGES
22344	GENERIC ISSUES ASSOCIATED WITH APPLICATIONS FOR APPROVAL OF UNBUNDLED COST OF SERVICE RATE PURSUANT TO PURA SECTION 39.201 AND PUBLIC UTILITY COMMISSION SUBST. R. 25.344
22350	APPLICATION OF TXU ELECTRIC COMPANY FOR APPROVAL OF UNBUNDLED COST OF SERVICE RATE PURSUANT TO PURA §39.201 AND PUBLIC UTILITY COMMISSION SUBSTANTIVE RULE §25.344
24040	APPLICATION OF TXU ELECTRIC COMPANY TO IMPLEMENT PRICE TO BEAT FUEL FACTOR
24236	APPLICATION OF TXU ELECTRIC COMPANY FOR APPROVAL OF PRICE TO BEAT RATES IN COMPLIANCE WITH SUBST. R. 25.41(f)(1)(C)
25230	JOINT APPLICATION FOR APPROVAL OF STIPULATION REGARDING TXU ELECTRIC COMPANY TRANSITION TO COMPETITION ISSUES
25802	APPLICATION OF TXU ENERGY RETAIL COMPANY TO INCREASE PRICE TO BEAT FUEL FACTORS
27281	APPLICATION OF TXU ENERGY RETAIL COMPANY TO INCREASE PRICE TO BEAT FUEL FACTORS
27561	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY FOR INTERIM UPDATE OF WHOLESALE TRANSMISSION RATES PURSUANT TO SUBST. R. 25.192(g)(1)
28563	ONCOR ELECTRIC DELIVERY COMPANY'S COMPLIANCE TARIFF FILING AND PETITION TO PROVIDE COMPETITIVE METERING CREDIT PURSUANT TO SUBST. R. §25.311
28585	APPLICATION OF TXU SESCO ENERGY SERVICES COMPANY TO INCREASE PRICE TO BEAT FUEL FACTORS AND REDUCE PRICE TO BEAT BASE RATES
28636	PETITION OF ONCOR ELECTRIC DELIVERY COMPANY PURSUANT TO P.U.C. SUBST. R. 25.41(l)(1) REGARDING SMALL COMMERCIAL POWER CONSUMPTION THRESHOLD TARGET
29208	TXU SESCO ENERGY SERVICES COMPANY TRUE-UP FILING PURSUANT TO PURA §39.262(e)

**Oncor Electric Delivery Company LLC
Application for 2012 Energy Efficiency Cost Recovery Factor**

List of J. Michael Sherburne's Prior Commission Testimony

<u>Docket No.</u>	<u>Case Style</u>
29425	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBSTANTIVE RULE 25.192(g)(1)
29516	APPLICATION OF TXU ENERGY RETAIL COMPANY TO INCREASE PRICE TO BEAT FUEL FACTORS
29837	APPLICATION OF TXU ENERGY RETAIL COMPANY TO INCREASE PRICE TO BEAT FUEL FACTORS
30802	APPLICATION OF TXU ELECTRIC DELIVERY COMPANY FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. 25.192(g)(1)
31841	PETITION OF TXU GENERATION COMPANY LP FOR ADMINISTRATIVE DETERMINATION THAT THE FORTY PERCENT THRESHOLD TARGET OF PURA §39.153(b) HAS BEEN MET
32462	APPLICATION OF TXU ELECTRIC DELIVERY COMPANY FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. 25.192(g)(1)
33904	APPLICATION OF TXU ELECTRIC DELIVERY COMPANY FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. §25.192(g)(1)
34040	PETITION BY COMMISSION STAFF FOR A REVIEW OF THE RATES OF TXU ELECTRIC DELIVERY COMPANY
35398	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY LLC FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. §25.192(g)(1)
35634	ONCOR ELECTRIC DELIVERY COMPANY LLC'S REQUEST FOR APPROVAL OF ENERGY EFFICIENCY COST RECOVERY FACTOR
35690	PETITION OF BIG COUNTRY ELECTRIC COOPERATIVE, INC. FOR A CEASE AND DESIST ORDER
35717	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY LLC FOR AUTHORITY TO CHANGE RATES
35718	ONCOR ELECTRIC DELIVERY COMPANY LLC'S REQUEST FOR APPROVAL OF ADVANCED METERING SYSTEM (AMS) DEPLOYMENT PLAN AND REQUEST FOR ADVANCED METERING SYSTEM (AMS) SURCHARGE
36530	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY LLC FOR RATE CASE EXPENSES PERTAINING TO PUC DOCKET NO. 35717
36958	ONCOR ELECTRIC DELIVERY LLC'S APPLICATION FOR 2010 ENERGY EFFICIENCY COST RECOVERY FACTOR
37496	APPLICATION OF ONCOR ELECTRIC DELIVERY LLC FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. §25.192(g)(1)
38217	ONCOR ELECTRIC DELIVERY LLC'S APPLICATION FOR 2011 ENERGY EFFICIENCY COST RECOVERY FACTOR
38495	APPLICATION OF ONCOR ELECTRIC DELIVERY LLC FOR INTERIM UPDATE OF WHOLESale TRANSMISSION RATES PURSUANT TO SUBST. R. §25.192(g)(1)
38929	APPLICATION OF ONCOR ELECTRIC DELIVERY COMPANY LLC FOR AUTHORITY TO CHANGE RATES

Oncor Electric Delivery Company LLC
Application of 2012 Energy Efficiency Cost Recovery Factor

Aggregation of 2012 Energy Efficiency Costs to Rate Class

(a)	(b)	(c)	(d)	(e)	(f) = (d) + (e)
Rate Class	Rate Code	2012 Estimated Energy Efficiency Program Costs as shown on Exhibit MRS-4		2010 (Over)/Under Recovery of Energy Efficiency Costs as Shown on WP/JMS/2 Col. (g)	2012 Program Costs and 2010 (Over)/Under Recovery of EE Cost
		Column (b)	Program Cost	Amount	Amount
Residential Service		(b)	27,683,527	755,251	28,438,778
Secondary Service ≤ 10 kW	5,B0,6,B1,7,B4	(c)+(d)+(e)	629,942	218,768	848,710
Secondary Service > 10 kW	16,E0,17,D0,19,E1,20,D1,23,D4	(g)+(h)+(i)+(j)+(k)	15,705,398	(4,767,971)	10,937,427
Primary Service ≤ 10 kW	11,G0	(f)	0	(1,158)	(1,158)
Primary Service > 10 kW Distribution Line	30,K0,31,J0 33,K1,36,K4, 37,J4	(l)+(m)+(n)+(o)+(p)	4,954,341	1,408,732	6,363,073
Substation			0	(435,109)	(435,109)
Transmission Service			0	(474,646)	(474,646)
Lighting Service			0	0	0
Total			48,973,208	(3,296,133)	45,677,075

Oncor Electric Delivery Company LLC
Application for 2012 Energy Efficiency Cost Recovery Factor

Performance Bonus Allocation

		(a) Performance <u>Bonus</u> ¹ \$8,221,426
Performance Bonus for 2010 Energy Efficiency Programs		
	(b)	(c) = (a) * (b)
	Settlement Docket No. 38929	Allocated
<u>Rate Class</u>	<u>4 CP Allocation Factors</u>	<u>Performance</u>
Residential Service	46.85388101%	<u>Bonus</u>
Secondary Service ≤ 10 kW	1.08761120%	\$3,852,057
Secondary Service > 10 kW	39.31916342%	\$89,417
Primary Service ≤ 10 kW	0.01447562%	\$3,232,596
Primary Service > 10 kW		\$1,190
Distribution Line	6.35164042%	\$522,195
Substation	1.25180889%	\$102,917
Transmission Service	5.12141944%	\$421,054
Lighting Service	<u>0.00000000%</u>	<u>\$0</u>
Total	100.00000000%	<u>\$8,221,426</u>

¹Exhibit MRS-3, page 3

Oncor Electric Delivery Company LLC
Application for 2012 Energy Efficiency Cost Recovery Factor

Calculation of 2012 Energy Efficiency Cost Recovery Factors

Line	Rate Schedule	Billing Determinant ¹	Type	Total 2012 Energy Efficiency Costs	2012 Energy Efficiency Cost Recovery Factor (EECRF)
	(a)	(b)	(c)	(d) = (i)	(e) = (d) / (b)
1	Residential Service	32,940,910	Bills	\$ 32,290,835	\$ 0.98
2	Secondary Service ≤ 10 kW	2,645,967	Bills	\$ 938,127	\$ 0.35
3	Secondary Service >10 kW	2,157,126	Bills	\$ 14,170,023	\$ 6.57
4	Primary Service ≤ 10 kW	22,848	Bills	\$ 32	\$ 0.00
5	Primary Service > 10 kW				
6	Distribution Line	49,592	Bills	\$ 6,885,268	\$ 138.84
7	Substation	780	Bills	\$ (332,192)	\$ (425.89)
8	Transmission Service	2,112	Bills	\$ (53,592)	\$ (25.38)
9	Lighting Service	771,922	Bills	\$ -	\$ -
10					
11	Total			\$ 53,898,501	

Line	Rate Schedule	2012 Program Costs and 2010 (Over)/Under Recovery ²	2010 Performance Bonus ³	Total 2012 Energy Efficiency Costs
	(f)	(g)	(h)	(i) = (g)+(h)
1	Residential Service	\$ 28,438,778	\$ 3,852,057	\$ 32,290,835
2	Secondary Service ≤ 10 kW	\$ 848,710	\$ 89,417	\$ 938,127
3	Secondary Service >10 kW	\$ 10,937,427	\$ 3,232,596	\$ 14,170,023
4	Primary Service ≤ 10 kW	\$ (1,158)	\$ 1,190	\$ 32
5	Primary Service > 10 kW			
6	Distribution Line	\$ 6,363,073	\$ 522,195	\$ 6,885,268
7	Substation	\$ (435,109)	\$ 102,917	\$ (332,192)
8	Transmission Service	\$ (474,646)	\$ 421,054	\$ (53,592)
9	Lighting Service	\$ -	\$ -	\$ -
10				
11	Total	\$ 45,677,075	\$ 8,221,426	\$ 53,898,501

¹Source: Oncor Electric Delivery Company LLC's 2011 Energy and Demand Plan as shown on WP/JMS/3

²Exhibit JMS-2 column (f)

³Exhibit JMS-3 column (c)

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 1 of 2
Revision: Five

6.1.1.6.3 Rider EECRF - Energy Efficiency Cost Recovery Factor

APPLICATION

Applicable, pursuant to PURA § 39.905(b)(4) and Substantive Rule § 25.181(f), to all customers in customer classes that receive services under the Company's energy efficiency programs.

METHOD OF CALCULATION

An Energy Efficiency Cost Recovery Factor (EECRF) shall be calculated annually in accordance with the following formula:

$EECRF_c = [(Exp_p - Rev_p) + (Exp_a - Rev_a) + Incent] \div CUST_p$, where:

$EECRF_c$ = Energy Efficiency Cost Recovery Factor for the class.

Exp_p = Projected expense for next year by class.

Rev_p = Projected revenue in base rates for the next year by class.

Exp_a = Actual expense from the previous year by class.

Rev_a = Actual revenue in base rates and EECRF from the previous year by class.

$Incent$ = An allowance approved by the PUC for recovery by the Company in recognition of Company performance in exceeding its demand reduction goals.

$CUST_p$ = Cumulative number of bills by class forecast for all months of the next year.

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities.

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

Exhibit JMS-5
Page 2 of 2

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 2 of 2
Revision: Five

Energy Efficiency Cost Recovery Factor (EECRF)

<u>Effective Date</u>	Residential Service (\$ / Retail Customer)	Secondary Service		Primary Service			Transmission Service (\$ / Retail Customer)	Lighting Service (\$ / Retail Customer)
		≤ 10 kW (\$ / Retail Customer)	> 10 kW (\$ / Retail Customer)	≤ 10 kW (\$ / Retail Customer)	> 10 kW – Distribution Line (\$ / Retail Customer)	> 10 kW – Substation (\$ / Retail Customer)		
Jan. 3, 2012	0.98	0.35	6.57	0.00	138.84	(425.89)	(25.38)	0.00
Dec. 30, 2010	0.91	0.01	8.14	4.79	75.91	185.59	(71.62)	0.00
Dec. 30, 2009	0.89	0.11	9.66	0.06	59.87	720.49	273.71	0.00
Sept. 17, 2009	0.92	0.22	8.68	0.00	76.27	76.27	443.77	0.00
Dec. 29, 2008	0.22	(0.79)	2.48	(2.17)	26.17	26.17	(227.52)	(0.17)

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 1 of 2
Revision: Five

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6.1.1.6.3 Rider EECRF - Energy Efficiency Cost Recovery Factor

APPLICATION

Applicable, pursuant to PURA § 39.905(b)(4) and Substantive Rule § 25.181(f), to all customers in customer classes that receive services under the Company's energy efficiency programs.

METHOD OF CALCULATION

An Energy Efficiency Cost Recovery Factor (EECRF) shall be calculated annually in accordance with the following formula:

$EECRF_c = [(Exp_p - Rev_p) + (Exp_a - Rev_a) + Incent] \div CUST_p$, where:

$EECRF_c$ = Energy Efficiency Cost Recovery Factor for the class.

Exp_p = Projected expense for next year by class.

Rev_p = Projected revenue in base rates for the next year by class.

Exp_a = Actual expense from the previous year by class.

Rev_a = Actual revenue in base rates and EECRF from the previous year by class.

Incent = An allowance approved by the PUC for recovery by the Company in recognition of Company performance in exceeding its demand reduction goals.

$CUST_p$ = Cumulative number of bills by class forecast for all months of the next year.

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities.

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

Exhibit JMS-6
Page 2 of 2

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: January 3, 2012

Sheet: 6.3
Page 2 of 2
Revision: Five

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Energy Efficiency Cost Recovery Factor (EECRF)

<u>Effective Date</u>	Residential Service (\$ / Retail Customer)	Secondary Service		Primary Service			Transmission Service (\$ / Retail Customer)	Lighting Service (\$ / Retail Customer)
		≤ 10 kW (\$ / Retail Customer)	> 10 kW (\$ / Retail Customer)	≤ 10 kW (\$ / Retail Customer)	> 10 kW – Distribution Line (\$ / Retail Customer)	> 10 kW – Substation (\$ / Retail Customer)		
Jan. 3, 2012	0.98	0.35	6.57	0.00	138.84	(425.89)	(25.38)	0.00
Dec. 30, 2010	0.91	0.01	8.14	4.79	75.91	185.59	(71.62)	0.00
Dec. 30, 2009	0.89	0.11	9.66	0.06	59.87	720.49	273.71	0.00
Sept. 17, 2009	0.92	0.22	8.68	0.00	76.27	76.27	443.77	0.00
Dec. 29, 2008	0.22	(0.79)	2.48	(2.17)	26.17	26.17	(227.52)	(0.17)

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**Testimony
Workpapers
of
Michael R. Stockard**

2010 Small Commercial SOP - By Rate Class

Rate Class	kW Savings	kWh Savings	Incentive \$
05	7.5	26,544.43	\$2,992.84
17	277.9	1,363,054.57	\$104,506.64
80	0.2	1,236.20	\$92.82
Grand Total	285.7	1,390,835.20	\$107,592.30

0.02782
0.97132
0.00086
1.00

2010 Small Commercial SOP - By Rate Class

kW Savings	kWh Savings	Incentive \$	Rate Class Code
7.5	26,544.43	\$2,992.84	05
9.8	68,405.70	\$4,754.33	17
1.0	4,074.40	\$304.36	17
0.8	2,949.84	\$224.11	17
12.7	49,486.16	\$3,740.71	17
9.8	68,405.70	\$4,754.33	17
3.9	13,255.70	\$3,384.95	17
10.1	70,444.80	\$4,896.05	17
10.1	70,444.80	\$4,896.05	17
10.1	70,444.80	\$4,896.05	17
9.6	45,229.10	\$3,153.02	17
5.9	34,842.20	\$2,563.54	17
9.1	35,388.34	\$2,676.52	17
6.8	26,403.76	\$1,992.10	17
8.4	17,501.57	\$3,360.25	17
6.2	24,392.47	\$1,831.71	17
6.0	23,492.23	\$1,783.98	17
9.7	42,767.20	\$3,058.06	17
13.6	73,557.70	\$4,857.04	17
8.7	39,442.00	\$2,788.58	17
16.6	93,901.20	\$6,096.47	17
8.1	36,462.10	\$2,585.93	17
8.1	38,276.70	\$2,661.12	17
13.1	60,493.40	\$4,243.54	17
8.0	44,509.50	\$2,911.42	17
5.6	22,075.70	\$1,662.44	17
13.7	62,177.80	\$4,395.93	17
5.4	18,288.90	\$4,670.24	17
0.9	1,390.00	\$294.18	17
6.1	23,215.30	\$2,258.50	17
2.4	11,014.60	\$770.44	17
10.2	39,180.40	\$2,986.74	17

kW Savings	kWh Savings	Incentive \$	Rate Class Code
4.5	26,497.60	\$1,692.03	17
13.8	62,657.20	\$4,429.80	17
1.5	6,889.90	\$487.12	17
7.0	33,091.83	\$2,305.39	17
0.4	2,003.97	\$139.61	17
0.2	1,236.20	\$92.82	80
285.7	1,390,835.20	\$107,592.30	

2010 Government Facilities - By Rate Class

Rate Class	Adjusted kW	Adjusted kWh	Approved \$
5	32.1	112,407.00	\$6,625.86
16	30.2	217,395.30	\$11,347.38
17	337.5	1,448,181.42	\$98,970.34
Grand Total	399.8	1,777,983.72	\$116,943.58

0.05666
0.09703
0.84631
1.00

* Implementer incentive payments of \$388,479.53 for a total 2010 Government Facilities incentive spend of \$485,423.11

2010 Government Facilities - By Rate Class

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
5.7	25,760.00	\$1,417.77	5
5.5	24,661.00	\$1,362.36	5
20.9	61,986.00	\$3,845.73	5
14.1	34,584.00	\$4,254.63	16
16.1	182,811.30	\$7,092.75	16
25.6	69,445.00	\$7,571.16	17
16.2	41,906.00	\$4,680.81	17
13.9	34,006.00	\$3,912.69	17
0.1	346.18	\$0.00	17
0.0	-0.02	\$0.00	17
2.5	2,630.00	\$428.63	17
9.8	43,569.00	\$2,422.86	17
2.2	18,065.00	\$773.95	17
6.2	44,803.00	\$2,014.99	17
1.4	6,555.00	\$355.10	17
1.9	10,904.00	\$537.16	17
0.9	5,494.00	\$258.15	17
1.0	5,438.00	\$287.82	17
1.0	7,080.00	\$322.90	17
0.0	490.00	\$36.83	17
1.1	7,469.00	\$346.07	17
1.1	7,018.00	\$330.43	17
2.9	20,383.96	\$928.25	17
1.1	8,400.00	\$363.97	17
3.8	22,868.00	\$994.88	17
4.7	21,449.00	\$1,178.81	17
2.4	11,853.00	\$620.13	17
5.6	21,464.00	\$1,278.65	17
7.9	46,972.00	\$2,289.08	17
6.4	36,993.00	\$1,814.52	17
0.7	3,368.00	\$184.10	17
2.0	8,997.00	\$497.09	17
5.3	24,648.00	\$1,335.12	17
5.0	22,723.00	\$1,246.24	17
3.2	14,266.00	\$892.31	17
11.0	77,113.00	\$3,503.19	17
7.1	39,188.34	\$1,509.64	17
6.5	29,543.00	\$1,620.65	17
22.6	58,459.00	\$6,529.77	17

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
3.7	7,861.00	\$980.28	17
2.8	13,955.00	\$720.15	17
2.2	9,800.00	\$541.36	17
2.7	18,624.00	\$858.20	17
2.3	12,091.00	\$616.74	17
6.5	39,620.00	\$1,893.98	17
1.4	7,001.00	\$360.60	17
8.5	18,273.00	\$2,278.85	17
3.7	22,869.00	\$1,097.85	17
0.0	-0.04	\$0.00	17
5.9	22,359.00	\$1,340.84	17
0.7	3,653.00	\$184.01	17
2.5	17,890.00	\$805.98	17
3.7	16,531.00	\$1,034.02	17
2.4	11,741.00	\$616.43	17
35.7	92,473.00	\$10,329.08	17
12.4	218,346.00	\$7,950.57	17
57.4	141,088.00	\$16,295.45	17
399.8	1,777,983.72	\$116,943.58	

2010 Education Facilities MTP - By Rate Class

Rate Class	Adjusted kW	Adjusted kWh	Approved \$
5	165.4	753,206.10	\$51,675.52
16	2,527.3	6,376,748.58	\$601,372.22
17	1,720.6	4,970,204.52	\$414,908.85
20	74.5	181,961.20	\$15,032.96
30	207.8	443,418.05	\$52,050.08
80	40.9	68,296.10	\$10,241.57
D0	677.6	1,351,645.90	\$153,084.88
E0	427.8	774,050.00	\$98,021.58
E1	125.4	366,232.80	\$25,740.64
J4	5.0	12,995.90	\$1,023.60
K0	410.0	705,287.00	\$120,306.19
K4	26.7	94,487.40	\$6,881.32
Grand Total	6,409.0	16,098,533.54	\$1,550,339.41

* Implementer Incentive payments of \$1,933,857.25 for a total 2010 Educational Facilities spend of \$3,484,196.66.

0.03333
0.38790
0.26762
0.00970
0.03357
0.00661
0.09874
0.06323
0.01660
0.00066
0.07760
0.00444
1.00

2010 Education Facilities MTP - By Rate Class

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
2.9	7,246.00	\$597.67	5
4.8	8,282.00	\$1,182.83	5
16.5	28,380.00	\$4,057.09	5
1.3	5,861.00	\$385.37	5
85.5	256,661.00	\$19,442.63	5
3.1	5,357.00	\$765.00	5
10.7	18,530.00	\$2,646.25	5
0.4	1,562.00	\$126.13	5
3.9	9,662.00	\$796.90	5
32.6	405,204.00	\$20,913.88	5
1.1	1,344.00	\$278.77	5
2.6	5,117.10	\$483.00	5
82.5	172,052.60	\$15,839.17	16
155.9	268,880.00	\$38,626.70	16
110.1	189,925.00	\$27,122.43	16
13.8	23,707.00	\$3,385.57	16
9.3	23,284.00	\$1,933.76	16
14.9	37,152.00	\$3,062.59	16
6.1	20,932.00	\$1,457.41	16
1.7	2,308.00	\$314.01	16
10.8	24,224.80	\$2,091.28	16
28.2	48,667.00	\$1,249.52	16

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
1.8	10,346.00	\$608.78	16
13.8	23,707.00	\$3,385.57	16
123.8	194,514.00	\$35,220.29	16
13.8	23,707.00	\$3,385.57	16
13.8	23,707.00	\$3,385.57	16
4.1	10,488.00	\$870.97	16
7.2	12,390.00	\$1,769.34	16
10.0	25,044.00	\$1,289.49	16
4.5	11,166.00	\$574.90	16
2.7	6,804.00	\$350.33	16
5.3	13,319.00	\$1,106.09	16
87.0	150,283.00	\$21,443.79	16
87.3	278,889.00	\$19,575.98	16
86.9	284,751.00	\$20,256.62	16
59.5	183,609.00	\$12,769.50	16
30.4	52,283.00	\$7,466.36	16
19.3	33,189.00	\$4,739.60	16
46.7	147,002.00	\$10,498.86	16
133.2	404,727.00	\$29,896.87	16
1.1	1,796.00	\$256.49	16
49.7	159,764.00	\$11,680.48	16
3.0	16,688.00	\$982.00	16

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
44.5	76,823.00	\$11,021.57	17
14.0	36,600.70	\$2,938.86	17
14.8	30,681.82	\$2,847.89	17
26.5	51,675.90	\$4,963.42	17
100.9	173,903.00	\$24,998.73	17
12.6	26,983.00	\$2,454.43	17
28.3	48,768.00	\$5,273.83	17
16.1	42,228.60	\$3,302.99	17
20.4	35,163.00	\$3,802.60	17
3.6	9,408.80	\$736.28	17
6.4	11,028.00	\$1,192.55	17
0.3	483.00	\$69.02	17
1.9	7,116.00	\$444.42	17
1.2	9,177.00	\$302.47	17
0.8	6,119.00	\$201.65	17
2.3	5,689.00	\$387.92	17
6.4	15,903.00	\$1,310.98	17
19.0	47,548.00	\$3,920.20	17
0.7	1,737.00	\$143.17	17
9.2	22,994.00	\$1,895.84	17
9.4	23,612.00	\$1,946.79	17
4.0	9,833.00	\$811.03	17
2.2	7,956.00	\$522.41	17
3.1	17,291.00	\$1,017.50	17
2.7	15,320.00	\$901.50	17
60.6	104,605.00	\$14,925.49	17
3.1	7,730.00	\$397.98	17
39.3	222,291.00	\$13,076.98	17
26.5	45,611.00	\$6,513.43	17
8.7	15,049.00	\$2,148.97	17
13.8	23,707.00	\$3,385.57	17
6.6	16,376.00	\$843.15	17
12.5	73,014.00	\$4,234.51	17
20.7	117,040.00	\$6,884.28	17
13.2	76,887.00	\$4,476.56	17
6.3	35,752.00	\$2,103.52	17
5.8	31,329.20	\$1,525.23	17
13.4	18,273.00	\$2,377.17	17
2.9	7,246.00	\$597.67	17
3.9	9,662.00	\$796.90	17
3.2	8,090.00	\$667.23	17
6.9	31,912.00	\$1,965.86	17
6.2	34,670.00	\$1,101.60	17
0.7	4,081.00	\$236.89	17
3.1	10,266.00	\$725.02	17
3.7	9,189.00	\$769.53	17

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
9.4	20,503.80	\$1,834.85	16
4.0	6,783.00	\$968.73	16
2.7	6,841.00	\$564.16	16
32.4	55,903.00	\$8,036.20	16
9.8	22,508.00	\$1,954.44	16
5.1	8,801.00	\$1,256.69	16
50.5	162,250.00	\$11,868.58	16
67.2	115,864.00	\$16,545.99	16
2.8	5,849.30	\$532.38	16
46.4	72,836.00	\$13,188.26	16
14.9	37,414.00	\$3,085.20	16
48.7	121,701.04	\$10,037.28	16
4.8	8,208.00	\$1,172.11	16
5.2	12,936.00	\$1,074.32	16
31.9	54,932.00	\$7,844.45	16
136.9	435,419.64	\$31,396.84	16
28.0	48,394.00	\$5,233.37	16
1.0	2,627.00	\$216.72	16
19.4	30,510.00	\$5,494.82	16
52.1	145,716.00	\$11,274.81	16
8.4	20,846.00	\$1,731.28	16
44.6	111,572.00	\$9,266.28	16
45.0	112,539.00	\$9,346.52	16
11.0	61,851.00	\$3,639.63	16
34.9	120,402.00	\$8,496.58	16
27.7	69,437.00	\$5,721.19	16
7.0	17,609.00	\$1,474.66	16
5.5	9,518.00	\$1,359.24	16
43.5	139,246.00	\$10,229.27	16
8.4	20,846.00	\$1,731.28	16
4.0	9,842.00	\$811.78	16
10.2	57,839.00	\$3,403.53	16
4.6	28,728.00	\$1,546.36	16
15.5	87,572.00	\$5,146.60	16
1.3	7,500.00	\$441.32	16
9.8	41,438.00	\$2,606.26	16
12.0	18,806.00	\$3,405.16	16
1.4	3,482.40	\$284.19	16
3.6	6,263.00	\$894.42	16
3.9	9,662.00	\$497.49	16
8.4	20,846.00	\$1,731.28	16
254.8	439,270.00	\$63,113.73	16
93.8	529,331.00	\$31,143.96	16
2.2	12,417.00	\$730.65	16
54.5	164,584.00	\$12,443.48	16
10.6	15,511.00	\$2,751.60	17

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
3.4	\$10,445.00	764.39	17
0.6	\$3,313.00	179.12	17
1.6	\$3,111.40	306.57	17
0.4	\$801.00	86.7	17
0.6	\$3,440.00	194.1	17
1.2	\$1,482.00	307.32	17
8.3	\$33,443.00	2288.28	17
19.3	\$48,177.00	3972.92	17
32.0	\$95,813.00	7151.951	17
25.1	\$43,367.00	1769.89	17
35.1	\$423,712.00	21759.35	17
3.9	\$9,735.00	802.85	17
5.8	\$20,748.00	1739.573	17
27.4	\$83,137.00	6152.39	17
3.9	\$9,662.00	796.9	17
2.2	\$12,480.00	734.39	17
18.7	\$58,811.00	4349.76	17
18.2	\$64,167.00	4395.76	17
18.8	\$32,450.00	1442.92	17
27.3	\$47,025.00	6715.29	17
30.5	\$52,536.00	7502.31	17
1.1	\$6,150.00	342.64	17
3.9	\$22,300.00	1312.27	17
5.9	\$14,719.00	757.84	17
5.3	\$10,549.42	1005.93	17
6.7	\$11,563.00	1651.22	17
0.5	\$19,363.00	724.62	17
0.3	\$1,799.00	104.01	17
6.6	\$16,732.00	1380.03	17
5.8	\$14,493.00	1195.33	17
9.0	\$22,647.00	1544.29	17
3.6	\$8,850.00	603.43	17
2.2	\$7,341.00	515.83	17
28.4	\$160,050.00	9415.41	17
28.7	\$49,461.00	7063.35	17
7.1	\$20,883.00	1569.97	17
14.7	\$25,393.00	3626.38	17
2.1	\$3,608.00	515.24	17
8.4	\$20,846.00	1731.278	17
1.3	\$3,490.70	273.05	17
2.9	\$16,288.00	958.46	17
3.2	\$10,813.00	565.15	17
9.3	\$23,284.00	1933.763	17
2.1	\$3,865.00	393.24	17
20.1	\$50,270.00	2588.293	17
30.4	\$94,996.00	7060.231	17

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
0.9	2,229.00	\$183.58	17
14.3	60,128.00	\$3,341.82	17
0.3	1,204.00	\$79.52	17
42.4	73,046.00	\$10,431.40	17
34.0	106,261.00	\$7,746.81	17
5.1	16,264.00	\$1,176.77	17
0.9	1,916.40	\$173.58	17
0.7	1,069.00	\$115.60	17
7.6	42,935.00	\$2,526.53	17
2.9	4,930.00	\$704.21	17
15.6	26,876.00	\$3,838.03	17
5.9	29,937.00	\$1,750.25	17
24.9	74,873.00	\$5,171.61	17
1.9	34,217.00	\$1,411.23	17
0.7	3,008.00	\$188.39	17
0.2	1,458.00	\$84.27	17
1.4	7,488.00	\$440.63	17
3.8	21,941.00	\$1,291.13	17
0.3	2,141.00	\$123.76	17
11.3	40,210.00	\$2,744.90	17
1.7	4,238.00	\$429.23	17
0.3	1,061.00	\$87.04	17
18.8	65,755.00	\$5,550.76	17
0.6	2,123.00	\$179.00	17
7.1	25,296.00	\$2,118.36	17
13.1	32,886.26	\$1,188.01	17
2.7	4,690.00	\$669.82	17
9.5	16,485.00	\$2,354.22	17
27.7	47,711.00	\$6,813.52	17
42.5	73,235.00	\$10,459.30	17
13.9	34,978.00	\$2,884.81	17
15.4	38,412.00	\$3,167.37	17
36.9	63,646.00	\$9,088.97	17
1.0	2,627.00	\$216.72	17
0.8	2,190.00	\$180.60	17
3.3	19,028.00	\$1,119.68	17
3.9	22,392.00	\$1,317.38	17
3.5	8,773.00	\$451.69	17
2.9	7,246.00	\$597.67	17
1.9	4,733.00	\$390.44	17
1.4	3,284.00	\$270.91	17
1.4	3,284.00	\$270.91	17
0.9	2,189.00	\$543.29	17
3.9	9,735.00	\$802.85	17
2.6	9,317.00	\$627.33	17
4.3	10,813.00	\$891.85	17

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
57.5	\$111,426.10	10746.76	D0
143.7	\$247,694.00	35605.97	D0
1.7	\$9,751.00	573.77	E0
49.8	\$78,309.00	14179.17	E0
94.3	\$193,307.20	17995.18	E0
12.2	\$59,715.80	3054.65	E0
115.0	\$198,266.00	21440.76	E0
17.5	\$30,275.00	4323.57	E0
121.5	\$171,853.00	33428.61	E0
15.8	\$32,573.00	3025.87	E0
44.3	\$261,576.80	11500.98	E1
81.1	\$104,656.00	14239.66	E1
5.0	\$12,995.90	1023.6	J4
284.9	\$433,389.00	80200.79	K0
125.1	\$271,898.00	40105.4	K0
26.7	\$94,487.40	6881.32	K4
6,409.0	\$16,098,533.54	\$1,550,339.41	

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
4.0	9,842.00	\$811.78	17
3.9	22,300.00	\$1,312.27	17
1.5	8,235.00	\$484.55	17
4.9	12,921.00	\$1,010.51	17
3.0	5,214.00	\$563.83	17
5.8	25,685.86	\$1,940.32	17
1.0	2,627.00	\$216.72	17
15.8	37,065.70	\$3,168.52	17
1.7	2,308.00	\$314.01	17
1.1	6,150.00	\$342.64	17
9.0	15,507.00	\$1,676.98	17
53.3	158,965.70	\$11,977.00	17
2.2	12,480.00	\$734.39	17
1.9	10,544.00	\$587.38	17
24.0	73,545.05	\$5,412.23	17
3.8	9,699.00	\$499.34	17
4.5	11,225.00	\$925.73	17
30.2	67,204.00	\$5,939.90	17
35.1	60,485.00	\$8,637.81	17
49.7	85,687.00	\$9,266.20	20
14.7	71,975.80	\$3,735.51	20
7.7	20,142.40	\$1,581.78	20
2.4	4,156.00	\$449.47	20
110.5	142,682.00	\$29,593.00	30
97.3	300,736.05	\$22,457.08	30
25.8	35,749.00	\$6,770.86	80
5.7	9,753.00	\$1,392.80	80
7.2	18,833.10	\$1,512.29	80
2.2	3,961.00	\$565.62	80
1.9	9,262.00	\$577.01	D0
5.0	8,538.00	\$1,219.19	D0
13.4	28,125.80	\$2,574.80	D0
16.7	28,746.00	\$4,105.08	D0
3.6	17,128.50	\$905.34	D0
7.4	10,662.00	\$1,925.23	D0
13.8	34,435.10	\$2,840.00	D0
36.6	63,054.00	\$6,731.56	D0
20.8	93,773.00	\$4,095.36	D0
9.2	42,342.10	\$2,266.04	D0
30.2	52,063.00	\$5,629.94	D0
30.4	52,489.00	\$5,676.09	D0
9.2	42,581.40	\$2,262.47	D0
30.4	70,858.10	\$6,096.11	D0
150.4	259,312.00	\$37,276.47	D0
29.6	61,803.80	\$5,681.57	D0
68.0	117,352.00	\$16,869.89	D0

2010 CSOP - By Rate Class

Rate Class Code	kW Savings	kWh Saving	Incentive Amount \$
5	311.0	2,087,819.19	\$128,576.76
16	5,852.1	30,595,635.64	\$2,900,121.58
17	7,573.9	37,626,813.82	\$2,598,816.30
19	-15.4	-96,094.00	\$4,413.41
20	229.4	1,315,018.00	\$69,002.15
23	79.7	262,368.00	\$45,409.33
30	3,500.5	25,397,780.60	\$1,284,502.56
31	105.6	733,862.10	\$37,510.72
36	791.8	1,261,729.00	\$378,545.90
80	38.1	222,444.88	\$11,673.27
D0	396.4	2,462,517.93	\$96,013.24
E0	81.0	256,047.00	\$45,740.04
K0	939.8	6,788,186.71	\$378,028.12
Grand Total	19,882.9	108,914,128.88	\$7,978,353.38

0.01612
0.36350
0.32573
0.00055
0.00865
0.00569
0.16100
0.00470
0.04745
0.00146
0.01203
0.00573
0.04738
1.00

2010 CSOP - By Rate Class

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
49.8	383,920.00	\$14,140.17	05
-0.3	-255.32	\$497.67	05
7.5	21,341.22	\$2,911.27	05
5.1	44,137.78	\$2,938.81	05
15.0	67,385.26	\$4,100.73	05
51.7	124,989.00	\$20,519.08	05
0.0	177.94	\$14.35	05
72.9	326,262.30	\$26,311.35	05
2.9	12,790.55	\$1,031.49	05
0.0	0.00	\$9,863.97	05
8.4	20,453.07	\$3,719.18	05
0.0	0.00	(\$0.42)	05
5.5	24,692.49	\$2,343.71	05
18.0	179,266.00	\$6,559.36	05
9.8	119,577.74	\$4,523.01	05
61.6	750,117.3	\$28,373.08	05
3.0	12,963.89	\$729.94	05
3.1	13,832.58	\$1,296.69	16
-10.5	645,229.00	\$27,687.32	16
113.7	1,152,842.00	\$54,823.23	16
0.0	-13,537.00	\$5,000.65	16
6.9	47,773.28	\$2,478.87	16
4.7	32,413.13	\$1,681.86	16

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
0.0	0.00	\$32,450.23	16
-2.1	-3,481.41	\$431.99	16
0.1	102.76	(\$12.75)	16
-15.4	-25,632.29	\$3,180.60	16
-335.5	-558,091.77	\$69,251.09	16
-99.8	-166,017.29	\$20,600.34	16
-34.2	-2,059,710.00	\$0.00	16
0.0	0.00	\$28,233.25	16
-202.8	1,315,676.00	\$154,584.57	16
9.1	-237,560.30	\$4,989.86	16
-5.1	-32,433.00	\$8,496.72	16
0.0	0.00	\$12,816.27	16
12.6	63,296.00	\$4,379.86	16
172.3	817,936.00	\$57,800.22	16
130.9	1,022,909.00	\$22,486.50	16
137.6	223,793.08	\$21,406.48	16
59.1	96,098.50	\$9,192.11	16
159.6	399,207.88	\$19,983.88	16
1.9	7,579.55	\$637.89	16
157.3	611,998.98	\$51,505.80	16
217.5	472,828.00	\$102,339.27	16
105.2	316,278.00	\$57,268.31	16
0.8	6,292.70	\$299.27	16

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
15.8	121,513.30	\$5,778.95	16
42.6	355,943.82	\$15,588.80	16
8.9	74,246.18	\$3,251.66	16
25.7	202,776.00	\$8,986.47	16
140.5	1,367,571.75	\$57,785.50	16
39.3	382,634.25	\$16,167.86	16
352.5	2,705,056.00	\$118,155.03	16
212.8	366,836.60	\$85,525.15	16
3.1	17,340.98	\$870.59	16
3.3	18,554.02	\$931.50	16
28.1	194,538.00	\$9,055.93	16
15.5	113,008.00	\$4,614.63	16
238.1	783,824.00	\$146,395.67	16
226.4	1,589,546.00	\$119,838.68	16
35.5	227,394.00	\$9,020.68	16
42.9	72,118.00	\$17,360.20	16
91.8	276,209.00	\$50,012.94	16
25.9	220,238.00	\$9,599.33	16
153.0	369,894.00	\$70,269.88	16
31.5	118,458.00	\$7,099.52	16
0.0	-248.74	(\$12.14)	16
3.4	27,067.50	\$1,321.00	16
214.6	1,720,210.24	\$83,953.15	16
1.4	9,718.01	\$496.73	16
276.0	1,919,014.99	\$98,088.57	16
156.3	469,892.00	\$85,082.99	16
79.1	124,309.03	\$2,430.13	16
64.3	129,965.00	\$25,562.65	16
69.3	186,260.35	\$30,347.93	16
14.8	39,691.65	\$6,467.08	16
-0.7	22,452.00	\$11,762.46	17
0.0	-27,192.00	\$20,851.78	17
-7.4	-21,926.00	\$596.84	17
-0.9	-1,360.00	\$6,683.42	17
-0.7	100.61	\$390.32	17
-42.1	6,509.34	\$25,253.23	17
-0.2	30.85	\$119.70	17
-2.8	-945.00	\$16,213.38	17
5.9	14,379.46	\$2,572.17	17
24.6	59,551.66	\$10,652.48	17
3.7	8,843.88	\$1,581.97	17
6.4	28,479.30	\$2,672.44	17
66.9	462,256.59	\$23,985.64	17
61.0	411,034.00	\$21,507.58	17
-4.5	-57,460.00	\$15,222.53	17

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
-8.5	18,070.00	\$6,428.23	16
139.1	625,801.10	\$38,083.16	16
19.6	118,008.00	\$6,411.85	16
41.1	500,103.00	\$21,941.42	16
60.2	94,680.00	\$25,958.54	16
0.0	0.00	\$3,703.44	16
1.6	2,757.00	\$587.18	16
114.7	64,922.70	\$24,419.58	16
118.8	385,614.12	\$34,725.82	16
38.8	50,081.00	\$15,925.43	16
47.4	377,872.10	\$18,410.84	16
34.3	169,503.75	\$9,922.69	16
41.2	203,841.80	\$11,932.83	16
-0.6	-5,112.00	\$5,148.78	16
55.7	168,575.00	\$29,867.80	16
-0.1	-812.85	(\$41.57)	16
-0.3	-2,348.24	(\$120.08)	16
112.2	787,010.09	\$40,244.41	16
0.0	0.00	\$0.00	16
61.3	552,132.00	\$9,201.60	16
27.7	273,863.03	\$4,554.65	16
39.4	390,158.97	\$6,488.78	16
5.4	32,166.69	\$888.90	16
1.3	7,969.91	\$220.24	16
150.4	888,573.26	\$24,555.06	16
47.4	299,067.00	\$9,467.01	16
454.4	714,153.00	\$189,515.56	16
2.6	36,526.77	\$965.49	16
154.2	2,138,129.23	\$56,515.94	16
34.9	159,477.00	\$9,594.31	16
19.2	144,241.53	\$5,602.18	16
18.1	136,448.47	\$5,299.51	16
363.2	1,092,120.00	\$197,749.34	16
40.9	123,168.00	\$22,301.94	16
136.4	329,929.11	\$56,990.38	16
53.9	249,773.00	\$13,589.02	16
73.2	241,050.00	\$45,891.95	16
8.1	55,421.20	\$2,584.83	16
40.1	276,121.80	\$12,878.25	16
29.6	112,163.00	\$6,243.43	16
0.9	28,823.04	\$432.75	16
-0.2	-5,925.04	(\$88.96)	16
78.0	433,693.00	\$29,801.05	16
0.0	0.00	(\$9.43)	16
-2.9	-25,378.21	0.00	16

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
24.2	31,212.00	\$9,925.02	17
9.6	31,443.00	\$3,419.66	17
0.1	40,237.00	\$5,365.89	17
31.1	269,094.00	\$9,268.77	17
0.0	39,108.00	\$5,759.20	17
45.9	111,099.00	\$17,322.94	17
80.9	361,821.70	\$27,032.80	17
0.0	0.00	\$11,067.48	17
1.9	8,525.48	\$524.00	17
3.3	14,739.60	\$905.93	17
1.3	5,534.82	\$286.83	17
8.2	34,886.41	\$1,807.93	17
1.9	8,231.27	\$426.57	17
86.6	388,889.00	\$23,689.77	17
21.8	97,792.00	\$5,324.88	17
16.8	97,870.00	\$5,378.30	17
3.7	9,037.85	\$1,643.44	17
10.4	25,140.08	\$4,571.47	17
0.0	32.38	\$3.07	17
7.2	32,021.61	\$3,039.36	17
1.6	7,031.09	\$667.36	17
0.0	161.53	\$15.33	17
23.6	156,889.00	\$7,406.94	17
1.3	9,338.41	\$433.93	17
36.2	251,689.59	\$11,695.32	17
0.6	3,981.93	\$175.72	17
4.4	29,704.07	\$1,310.85	17
78.0	602,803.39	\$10,823.35	17
77.9	601,969.61	\$10,808.38	17
318.3	537,924.00	\$46,254.62	17
9.3	55,124.28	\$1,523.32	17
1.5	8,771.97	\$242.41	17
103.6	612,007.89	\$16,912.38	17
40.0	316,947.00	\$6,212.95	17
34.2	158,023.00	\$8,596.16	17
31.8	168,409.00	\$8,659.77	17
0.0	-65.38	(\$2.99)	17
44.5	323,450.61	\$14,803.71	17
63.8	463,404.77	\$21,209.14	17
0.3	786.23	\$156.02	17
19.8	49,907.77	\$9,903.72	17
194.9	471,516.97	\$81,447.59	17
39.7	95,992.92	\$16,581.36	17
0.4	1,725.43	\$145.21	17

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
-4.4	-3,395.68	\$6,618.84	17
9.6	5,107.00	\$2,330.00	17
47.6	416,974.00	\$25,806.86	17
0.4	767.64	\$2,190.16	17
0.7	1,562.36	\$4,457.61	17
42.2	120,385.96	\$16,422.50	17
62.4	177,760.82	\$24,249.32	17
395.8	3,424,125.22	\$227,987.54	17
-0.8	52,776.00	\$6,188.78	17
-10.4	-25,020.00	\$15,332.56	17
296.8	482,643.62	\$46,166.31	17
125.2	203,598.80	\$19,474.84	17
37.1	92,674.12	\$4,639.16	17
144.7	337,171.00	\$73,005.16	17
14.4	64,670.42	\$5,062.30	17
19.3	86,551.28	\$5,319.65	17
1.1	4,863.84	\$298.94	17
18.7	84,003.95	\$5,163.08	17
0.8	3,539.84	\$217.57	17
-4.8	10,045.00	\$3,609.44	17
47.5	213,629.64	\$13,000.44	17
-3.8	56,256.00	\$6,154.94	17
7.9	41,259.39	\$2,367.35	17
12.8	67,010.79	\$3,844.90	17
10.2	53,321.76	\$3,059.46	17
3.7	19,504.06	\$1,119.09	17
11.1	102,721.00	\$13,274.13	17
-0.2	-771.75	\$765.32	17
-1.3	-3,862.25	\$3,830.05	17
5.0	23,470.09	\$1,408.00	17
9.2	42,856.91	\$2,571.05	17
-0.2	557.63	\$2,338.34	17
0.0	180.37	\$756.34	17
0.0	0.00	\$16,327.89	17
25.7	124,361.00	\$7,345.14	17
2.5	-64,822.00	\$8,376.17	17
39.2	176,840.00	\$10,742.97	17
-0.9	-4,115.00	\$2,646.77	17
26.7	203,646.00	\$10,214.47	17
99.1	321,693.88	\$28,969.59	17
31.3	261,018.00	\$7,740.79	17
22.2	97,388.94	\$6,364.29	17
37.7	165,557.53	\$10,819.06	17
1.0	3,924.58	\$330.29	17

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
119.7	465,672.74	\$39,190.99	17
184.5	717,748.78	\$60,405.70	17
126.8	493,191.00	\$41,506.93	17
145.0	564,025.94	\$47,468.39	17
21.7	65,323.00	\$11,827.97	17
30.3	140,559.00	\$7,651.77	17
83.4	326,302.00	\$19,182.49	17
43.0	338,785.00	\$15,107.94	17
11.0	51,132.00	\$2,775.27	17
41.6	105,567.00	\$18,884.16	17
2.6	13,559.42	\$626.91	17
9.7	51,302.93	\$2,371.94	17
74.3	392,020.27	\$18,124.65	17
0.0	-38.62	(\$1.79)	17
24.6	193,376.00	\$8,349.23	17
17.6	141,696.00	\$6,282.51	17
1.3	9,063.80	\$423.65	17
28.6	194,791.45	\$9,104.79	17
0.0	102.74	\$4.80	17
36.5	247,914.00	\$11,611.63	17
19.4	75,464.00	\$4,448.29	17
0.2	556.21	\$105.70	17
3.7	15,191.03	\$1,073.91	17
20.4	79,482.00	\$3,821.81	17
23.8	57,585.39	\$10,370.93	17
23.1	55,822.35	\$10,053.41	17
23.1	55,824.77	\$10,053.85	17
38.4	92,807.50	\$16,714.31	17
0.0	187.79	\$10.19	17
0.5	2,333.77	\$126.69	17
16.6	76,816.44	\$4,170.14	17
143.8	225,827.97	\$58,914.70	17
15.1	60,444.74	\$3,789.23	17
8.2	32,818.87	\$2,057.39	17
23.0	92,498.77	\$5,798.67	17
5.2	12,733.00	\$2,199.36	17
9.1	35,486.25	\$2,458.43	17
26.4	140,925.00	\$7,227.96	17
1.4	5,607.64	\$182.55	17
2.7	10,599.06	\$345.05	17
32.6	126,834.37	\$4,129.04	17
137.0	533,010.93	\$17,351.95	17
68.6	267,152.50	\$8,697.04	17
61.7	240,223.50	\$7,820.37	17
37.2	257,259.00	\$13,172.59	17

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
24.2	106,127.74	\$6,935.37	17
15.5	67,881.73	\$4,436.02	17
22.8	99,966.06	\$6,532.71	17
16.1	70,881.10	\$4,632.03	17
15.3	67,282.78	\$4,396.88	17
16.1	70,881.10	\$4,632.03	17
-2.1	4,540.00	\$2,272.05	17
41.5	265,509.41	\$10,664.97	17
12.4	79,623.59	\$3,198.32	17
62.4	187,485.00	\$35,263.92	17
27.2	122,239.00	\$7,446.08	17
-3.2	-9,576.00	\$1,676.72	17
6.8	84,428.00	\$17,684.80	17
113.4	947,936.00	\$44,915.39	17
3.5	-1,428.00	\$8,534.48	17
10.9	53,769.45	\$3,147.65	17
1.6	6,922.21	\$365.09	17
29.8	127,800.79	\$6,740.37	17
0.0	-122.24	(\$6.48)	17
-0.2	-794.53	(\$42.14)	17
17.6	84,556.00	\$4,484.36	17
59.1	283,756.76	\$15,048.82	17
42.4	66,603.00	\$17,674.61	17
0.7	2,849.64	\$153.24	17
0.4	1,662.29	\$89.39	17
14.2	58,892.63	\$3,166.94	17
14.0	57,885.43	\$3,112.77	17
38.7	225,144.00	\$11,162.38	17
50.7	256,784.00	\$12,297.16	17
86.4	760,675.32	\$26,148.31	17
-5.6	-48,929.32	(\$1,681.95)	17
29.8	209,504.00	\$7,428.99	17
29.8	138,361.00	\$7,521.12	17
2.5	6,185.89	\$1,079.90	17
3.7	14,765.28	\$1,462.71	17
0.1	344.92	\$34.17	17
45.6	317,298.60	\$16,218.38	17
41.4	174,740.00	\$9,508.17	17
18.8	115,585.69	\$4,988.32	17
99.1	610,057.99	\$26,328.22	17
108.8	669,956.33	\$28,913.25	17
9.1	145,895.00	\$4,695.38	17
1.7	26,902.00	\$865.79	17
60.8	283,265.00	\$15,365.00	17
52.4	90,232.40	\$21,036.99	17

kWh Savings	kWh Saving	Incentive Amount \$	Rate Class Code
0.0	0.00	\$25,684.00	17
-11.7	-67,921.72	(\$8.44)	17
0.8	3,487.72	\$196.38	17
89.8	452,891.00	\$16,165.20	17
63.6	244,398.00	\$14,491.92	17
5.4	35,713.75	\$1,686.48	17
24.0	159,308.25	\$7,522.88	17
5.3	29,586.64	\$1,192.67	17
40.4	225,967.36	\$9,109.00	17
46.5	241,366.00	\$12,514.07	17
31.1	141,552.00	\$7,764.88	17
105.6	733,862.10	\$37,510.84	31
0.0	0.00	(\$0.12)	31
791.8	1,261,729.00	\$378,547.13	36
0.0	0.00	(\$1.23)	36
17.1	136,450.91	\$6,078.75	80
0.8	6,404.09	\$285.30	80
5.2	21,017.63	\$1,251.46	80
15.1	58,572.25	\$4,057.80	80
0.0	0.00	(\$0.04)	80
31.0	75,109.00	\$12,973.88	00
0.9	3,079.14	\$248.17	00
80.0	284,849.36	\$22,958.43	00
210.9	1,847,794.10	\$35,120.05	00
21.4	52,002.11	\$9,078.28	00
5.9	24,091.41	\$1,434.49	00
5.4	21,930.96	\$1,305.85	00
2.7	6,490.79	\$1,233.46	00
5.9	24,096.94	\$1,703.51	00
5.4	21,927.32	\$1,550.13	00
5.1	15,623.00	\$2,379.82	00
0.2	756.97	\$53.35	00
21.3	82,884.53	\$5,841.48	00
0.5	1,882.30	\$132.66	00
0.0	0.00	(\$0.31)	00
44.2	145,371.00	\$15,096.09	00
36.8	110,676.00	\$20,040.04	00
0.0	0.00	\$10,604.06	00
0.0	0.00	(\$0.15)	00
5.6	31,202.92	\$626.83	00
32.5	182,899.08	\$3,674.20	00
68.2	573,226.00	\$53,850.18	00
1.1	4,944.75	\$269.08	00
80.7	373,914.69	\$20,347.81	00

kWh Savings	kWh Saving	Incentive Amount \$	Rate Class Code
46.4	413,319.00	\$15,590.96	17
20.6	104,579.00	\$5,337.40	17
112.0	622,912.00	\$42,798.70	17
40.6	176,335.00	\$9,319.38	17
20.1	93,010.00	\$5,058.93	17
7.6	16,285.00	\$2,583.32	17
6.0	25,856.03	\$1,444.58	17
24.2	102,740.40	\$5,784.85	17
0.8	3,599.96	\$202.70	17
40.0	265,598.00	\$12,536.45	17
11.1	26,809.00	\$4,630.90	17
0.3	1,040.34	\$91.52	17
12.0	47,822.91	\$4,206.97	17
0.0	166.45	\$14.64	17
55.5	310,185.00	\$15,606.01	17
3.9	9,469.00	\$1,668.33	17
7.8	18,938.00	\$3,336.65	17
3.9	9,469.00	\$1,668.33	17
3.9	9,469.00	\$1,668.33	17
45.4	557,525.00	\$20,542.21	17
50.0	194,562.46	\$11,607.20	17
47.7	185,677.22	\$11,077.13	17
20.0	77,852.71	\$4,644.54	17
47.7	185,511.61	\$11,067.25	17
24.9	53,200.00	\$9,861.17	17
1.8	16,114.72	\$558.81	17
305.4	2,674,272.28	\$92,735.66	17
17.8	442,640.00	\$9,117.82	17
56.6	292,850.00	\$15,203.23	17
20.0	80,400.28	\$5,040.22	17
21.2	85,223.78	\$5,342.60	17
13.3	53,582.97	\$3,359.07	17
19.7	79,071.24	\$4,956.91	17
18.2	73,266.35	\$4,593.00	17
-16.4	-96,094.00	\$4,413.42	19
0.0	0.00	(\$0.01)	19
21.0	101,146.00	\$6,578.52	20
208.4	1,213,872.00	\$62,423.85	20
0.0	0.00	(\$0.22)	20
79.7	262,368.00	\$45,409.48	23
0.0	0.00	(\$0.15)	23
0.0	0.00	\$128,024.82	30
120.7	-732,146.40	\$82,756.91	30
-0.2	-35,964.00	\$53,384.52	30
-8.8	-257,394.00	\$3,269.69	30

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
2,850.0	22,865,000.00	\$792,000.00	30
113.6	456,021.00	\$34,217.10	30
1.5	31,550.00	\$26,782.37	30
174.3	1,481,973.00	\$79,316.11	30
125.9	1,034,826.00	\$51,255.76	30
123.5	553,915.00	\$33,325.11	30
0.0	0.00	\$174.34	30
0.0	0.00	(\$4.17)	30

kW Savings	kWh Saving	Incentive Amount \$	Rate Class Code
0.5	2,144.56	\$116.70	K0
80.0	240,600.00	\$43,565.28	K0
25.2	251,834.00	\$10,491.21	K0
-1.7	-11,754.71	(\$556.67)	K0
80.6	560,416.71	\$26,539.79	K0
150.7	1,329,084.05	\$61,970.81	K0
316.0	2,787,910.95	\$129,991.09	K0
98.8	450,009.00	\$27,143.03	K0
0.0	0.00	(\$1.23)	K0
1.7	11,754.71	\$0.00	K0
19,882.9	108,914,128.8769	\$7,978,353.38	

2010 Commercial Load Management - By Rate Class

Rate Class Code	Adjusted kW	Approved \$
16	16733.1	\$501,994.00
19	41.3	\$1,239.00
30	4395.7	\$131,871.00
E0	360.6	\$10,818.00
K0	17210.3	\$516,309.00
K1	566.5	\$16,995.00
Grand Total	39,307.5	\$1,179,226.00

0.42570
0.00105
0.11183
0.00917
0.43784
0.01441
1.00

2010 Commercial Load Management - By Rate Class

Adjusted kW	Approved \$	Rate Class Code
1,000.0	\$30,001.00	16
767.6	\$23,028.00	16
182.4	\$5,472.00	16
775.4	\$23,262.00	16
53.3	\$1,599.00	16
7.3	\$219.00	16
386.2	\$11,586.00	16
354.2	\$10,626.00	16
39.1	\$1,173.00	16
528.7	\$15,861.00	16
54.9	\$1,647.00	16
63.4	\$1,902.00	16
775.3	\$23,259.00	16
34.9	\$1,047.00	16
41.7	\$1,251.00	16
50.3	\$1,509.00	16
80.7	\$2,421.00	16
325.2	\$9,756.00	16
946.7	\$28,401.00	16
475.7	\$14,271.00	16
57.5	\$1,725.00	16
65.8	\$1,974.00	16
143.2	\$4,296.00	16
1,000.0	\$30,000.00	16
1,650.6	\$49,518.00	16
52.7	\$1,581.00	16
365.4	\$10,962.00	16
14.5	\$435.00	16
1,569.6	\$47,088.00	16
3.7	\$111.00	16
88.1	\$2,643.00	16
1,102.2	\$33,066.00	16
49.3	\$1,479.00	16
77.2	\$2,316.00	16
1,418.2	\$42,546.00	16

Adjusted kW	Approved \$	Rate Class Code
100.2	\$3,006.00	16
74.1	\$2,223.00	16
387.6	\$11,628.00	16
34.8	\$1,044.00	16
553.6	\$16,608.00	16
981.8	\$29,454.00	16
41.3	\$1,239.00	19
1,404.4	\$42,132.00	30
493.6	\$14,808.00	30
915.3	\$27,459.00	30
1,582.4	\$47,472.00	30
360.6	\$10,818.00	E0
3,700.0	\$111,000.00	K0
800.0	\$24,000.00	K0
1,369.8	\$41,094.00	K0
719.7	\$21,591.00	K0
1,585.5	\$47,565.00	K0
1,625.8	\$48,774.00	K0
2,085.1	\$62,553.00	K0
49.3	\$1,479.00	K0
54.8	\$1,644.00	K0
1,194.9	\$35,847.00	K0
1,748.5	\$52,455.00	K0
172.7	\$5,181.00	K0
2,104.2	\$63,126.00	K0
566.5	\$16,995.00	K1
39,307.5	\$1,179,226.00	

2010 Data Centers MTP - By Rate Class

Rate Class Code	Adjusted kW	Adjusted kWh	Approved \$
16	599.5	5,736,493.00	\$268,808.59
K0	220.2	1,912,674.00	\$89,899.50
Grand Total	819.7	7,649,167.00	\$358,708.09

0.74938
0.25062
1.00

* Includes Implementer payments of 364,416.91 for a total 2010 Data centers spend of \$723, 125.

2010 Data Centers MTP - By Rate Class

Adjusted kW	Adjusted kWh	Approved \$	Rate Class Code
169.6	1,848,395.00	\$81,740.25	16
23.8	54,440.00	\$9,119.31	16
291.1	2,826,239.00	\$129,901.46	16
40.2	335,874.00	\$14,695.50	K0
180	1,576,800.00	\$75,204.00	K0
819.7	7,649,167.00	\$358,708.09	

2010 DSM Contracts - By Rate Class

Rate Class	Incentive
16	\$228,006.34
17	\$50,460.71
Grand Total	\$278,467.05

0.81879
0.18121
1.00

NET PRESENT VALUE TABLES

1.5 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 40.80	\$0.03264
NPV	\$108.87	\$0.08709

2 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
NPV	\$143.76	\$0.11500

2.5 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 41.62	\$ 0.03329
NPV	\$176.66	\$0.14133

3 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
NPV	\$209.57	\$0.16766

4 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
NPV	\$271.65	\$0.21732

4.5 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 43.30	\$ 0.03464
NPV	\$300.93	\$0.24074

5 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
4	\$ 84.90	\$0.06792
5	\$ 86.59	\$0.06928
NPV	\$330.21	\$0.26416

5.3 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 26.50	\$ 0.02120
NPV	\$346.77	\$0.27742

6 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
NPV	\$385.44	\$0.30835

7 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
4	\$ 84.90	\$0.06792
5	\$ 86.59	\$0.06928
6	\$ 88.33	\$0.07066
7	\$ 90.09	\$0.07207
NPV	\$437.53	\$0.35002

7.1 YEAR NPV Table		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 9.19	\$ 0.00735
NPV	\$442.44	\$0.35395

8 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 91.89	\$ 0.07352
NPV	\$486.66	\$0.38933

Assumptions

8.14% Discount rate

2% Escalation rate

Tables cover all years that have an approved measure life

Year			
1	\$	80.00	\$0.06400
2	\$	81.60	\$0.06528
3	\$	83.23	\$0.06659
4	\$	84.90	\$0.06792
5	\$	86.59	\$0.06928
6	\$	88.33	\$0.07066
7	\$	90.09	\$0.07207
8	\$	91.89	\$0.07352
9	\$	93.73	\$0.07499
10	\$	95.61	\$0.07649
NPV		\$576.73	\$0.46138

Year			
1	\$	80.00	\$ 0.06400
2	\$	81.60	\$ 0.06528
3	\$	83.23	\$ 0.06659
4	\$	84.90	\$ 0.06792
5	\$	86.59	\$ 0.06928
6	\$	88.33	\$ 0.07066
7	\$	90.09	\$ 0.07207
8	\$	91.89	\$ 0.07352
9	\$	93.73	\$ 0.07499
10	\$	95.61	\$ 0.07649
11	\$	97.52	\$ 0.07802
NPV		\$617.96	\$0.49437

Year			
1	\$	80.00	\$ 0.06400
2	\$	81.60	\$ 0.06528
3	\$	83.23	\$ 0.06659
4	\$	84.90	\$ 0.06792
5	\$	86.59	\$ 0.06928
6	\$	88.33	\$ 0.07066
7	\$	90.09	\$ 0.07207
8	\$	91.89	\$ 0.07352
9	\$	93.73	\$ 0.07499
10	\$	95.61	\$ 0.07649
11	\$	97.52	\$ 0.07802
12	\$	99.47	\$ 0.07958
NPV		\$656.85	\$0.52548

Year			
1	\$	80.00	\$0.06400
2	\$	81.60	\$0.06528
3	\$	83.23	\$0.06659
4	\$	84.90	\$0.06792
5	\$	86.59	\$0.06928
6	\$	88.33	\$0.07066
7	\$	90.09	\$0.07207
8	\$	91.89	\$0.07352
9	\$	93.73	\$0.07499
10	\$	95.61	\$0.07649
11	\$	97.52	\$0.07802
12	\$	99.47	\$0.07958
13	\$	101.46	\$0.08117
NPV		\$693.53	\$0.55483

Year			
1	\$	80.00	\$ 0.06400
2	\$	81.60	\$ 0.06528
3	\$	83.23	\$ 0.06659
4	\$	84.90	\$ 0.06792
5	\$	86.59	\$ 0.06928
6	\$	88.33	\$ 0.07066
7	\$	90.09	\$ 0.07207
8	\$	91.89	\$ 0.07352
9	\$	93.73	\$ 0.07499
10	\$	95.61	\$ 0.07649
11	\$	97.52	\$ 0.07802
12	\$	99.47	\$ 0.07958
13	\$	101.46	\$ 0.08117
14	\$	103.49	\$ 0.08279
NPV		\$728.13	\$0.58251

Year			
1	\$	80.00	\$ 0.06400
2	\$	81.60	\$ 0.06528
3	\$	83.23	\$ 0.06659
4	\$	84.90	\$ 0.06792
5	\$	86.59	\$ 0.06928
6	\$	88.33	\$ 0.07066
7	\$	90.09	\$ 0.07207
8	\$	91.89	\$ 0.07352
9	\$	93.73	\$ 0.07499
10	\$	95.61	\$ 0.07649
11	\$	97.52	\$ 0.07802
12	\$	99.47	\$ 0.07958
13	\$	101.46	\$ 0.08117
14	\$	103.49	\$ 0.08279
15	\$	105.56	\$ 0.08445
NPV		\$760.77	\$0.60862

Assumptions

8.14% Discount rate

2% Escalation rate

Tables cover all years that have an approved measure life

15.5 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
4	\$ 84.90	\$0.06792
5	\$ 86.59	\$0.06928
6	\$ 88.33	\$0.07066
7	\$ 90.09	\$0.07207
8	\$ 91.89	\$0.07352
9	\$ 93.73	\$0.07499
10	\$ 95.61	\$0.07649
11	\$ 97.52	\$0.07802
12	\$ 99.47	\$0.07958
13	\$ 101.46	\$0.08117
14	\$ 103.49	\$0.08279
15	\$ 105.56	\$0.08445
16	\$ 53.83	\$0.04307
NPV	\$776.16	\$0.62093

16 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 91.89	\$ 0.07352
9	\$ 93.73	\$ 0.07499
10	\$ 95.61	\$ 0.07649
11	\$ 97.52	\$ 0.07802
12	\$ 99.47	\$ 0.07958
13	\$ 101.46	\$ 0.08117
14	\$ 103.49	\$ 0.08279
15	\$ 105.56	\$ 0.08445
16	\$ 107.67	\$ 0.08614
NPV	\$791.55	\$ 0.63324

18 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 91.89	\$ 0.07352
9	\$ 93.73	\$ 0.07499
10	\$ 95.61	\$ 0.07649
11	\$ 97.52	\$ 0.07802
12	\$ 99.47	\$ 0.07958
13	\$ 101.46	\$ 0.08117
14	\$ 103.49	\$ 0.08279
15	\$ 105.56	\$ 0.08445
16	\$ 107.67	\$ 0.08614
17	\$ 109.82	\$ 0.08786
18	\$ 112.02	\$ 0.08962
NPV	\$847.97	\$ 0.67838

20 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
4	\$ 84.90	\$0.06792
5	\$ 86.59	\$0.06928
6	\$ 88.33	\$0.07066
7	\$ 90.09	\$0.07207
8	\$ 91.89	\$0.07352
9	\$ 93.73	\$0.07499
10	\$ 95.61	\$0.07649
11	\$ 97.52	\$0.07802
12	\$ 99.47	\$0.07958
13	\$ 101.46	\$0.08117
14	\$ 103.49	\$0.08279
15	\$ 105.56	\$0.08445
16	\$ 107.67	\$0.08614
17	\$ 109.82	\$0.08786
18	\$ 112.02	\$0.08962
19	\$ 114.26	\$0.09141
20	\$ 116.54	\$0.09324
NPV	\$898.17	\$0.71854

Assumptions

8.14% Discount rate

2% Escalation rate

Tables cover all years that have an approved measure life

23 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$0.06400
2	\$ 81.60	\$0.06528
3	\$ 83.23	\$0.06659
4	\$ 84.90	\$0.06792
5	\$ 86.59	\$0.06928
6	\$ 88.33	\$0.07066
7	\$ 90.09	\$0.07207
8	\$ 91.89	\$0.07352
9	\$ 93.73	\$0.07499
10	\$ 95.61	\$0.07649
11	\$ 97.52	\$0.07802
12	\$ 99.47	\$0.07958
13	\$ 101.46	\$0.08117
14	\$ 103.49	\$0.08279
15	\$ 105.56	\$0.08445
16	\$ 107.67	\$0.08614
17	\$ 109.82	\$0.08786
18	\$ 112.02	\$0.08962
19	\$ 114.26	\$0.09141
20	\$ 116.54	\$0.09324
21	\$ 118.88	\$0.09510
22	\$ 121.25	\$0.09700
23	\$ 123.68	\$0.09894
NPV	\$963.28	\$0.77062

25 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 91.89	\$ 0.07352
9	\$ 93.73	\$ 0.07499
10	\$ 95.61	\$ 0.07649
11	\$ 97.52	\$ 0.07802
12	\$ 99.47	\$ 0.07958
13	\$ 101.46	\$ 0.08117
14	\$ 103.49	\$ 0.08279
15	\$ 105.56	\$ 0.08445
16	\$ 107.67	\$ 0.08614
17	\$ 109.82	\$ 0.08786
18	\$ 112.02	\$ 0.08962
19	\$ 114.26	\$ 0.09141
20	\$ 116.54	\$ 0.09324
21	\$ 118.88	\$ 0.09510
22	\$ 121.25	\$ 0.09700
23	\$ 123.68	\$ 0.09894
24	\$ 126.15	\$ 0.10092
25	\$ 128.67	\$ 0.10294
NPV	\$1,000.75	\$ 0.80060

30 YEAR NPV TABLE		
Year		
1	\$ 80.00	\$ 0.06400
2	\$ 81.60	\$ 0.06528
3	\$ 83.23	\$ 0.06659
4	\$ 84.90	\$ 0.06792
5	\$ 86.59	\$ 0.06928
6	\$ 88.33	\$ 0.07066
7	\$ 90.09	\$ 0.07207
8	\$ 91.89	\$ 0.07352
9	\$ 93.73	\$ 0.07499
10	\$ 95.61	\$ 0.07649
11	\$ 97.52	\$ 0.07802
12	\$ 99.47	\$ 0.07958
13	\$ 101.46	\$ 0.08117
14	\$ 103.49	\$ 0.08279
15	\$ 105.56	\$ 0.08445
16	\$ 107.67	\$ 0.08614
17	\$ 109.82	\$ 0.08786
18	\$ 112.02	\$ 0.08962
19	\$ 114.26	\$ 0.09141
20	\$ 116.54	\$ 0.09324
21	\$ 118.88	\$ 0.09510
22	\$ 121.25	\$ 0.09700
23	\$ 123.68	\$ 0.09894
24	\$ 126.15	\$ 0.10092
25	\$ 128.67	\$ 0.10294
26	\$ 131.25	\$ 0.10500
27	\$ 133.87	\$ 0.10710
28	\$ 136.55	\$ 0.10924
29	\$ 139.28	\$ 0.11143
30	\$ 142.07	\$ 0.11365
NPV	\$1,077.33	\$ 0.86187

Assumptions

8.14% Discount rate

2% Escalation rate

Tables cover all years that have an approved measure life

**Testimony
Workpapers
of
J. Michael Sherburne**

**Oncor Electric Delivery Company LLC
Energy Efficiency Revenues
For the Year Ended December 31, 2010**

**Energy Efficiency Revenues Billed Through the
EECRF Factors as Approved in Docket No. 38217¹:**

	(a)
<u>Rate Class</u>	<u>2010 EECRF Billed Revenue</u>
Residential	27,859,659.92
Secondary Service < 10 kW	341,910.61
Secondary Service > 10 kW	20,899,402.69
Primary Service < 10 kW	2,711.49
Primary Service > 10 kW	
Distribution Line	3,041,912.01
Substation	533,821.43
Transmission	1,031,930.08
Lighting	0.33
Total	<u><u>53,711,348.56</u></u>

¹ Source: Company's Books and Records

Oncor Electric Delivery Company LLC
Application of 2012 Energy Efficiency Cost Recovery Factor
2010 (Over)/Under Collection of Energy Efficiency Costs

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (d) - [(e) - (f)]
Rate Class	Rate Code	2010 Energy Efficiency Program Costs as shown on Exhibit MRS-2		2010 EECRF Revenue as shown on WP/JMS/1 (a)	2008 Performance Bonus Allocation ¹	2010 (Over)/Under Collection of Energy Efficiency Costs
		Column (b)	Program Cost	Amount	Amount	Amount
Residential Service		(b)	24,486,179	27,859,660	4,128,732	755,251
Secondary Service ≤ 10 kW	5,B0,6,B1,7,B4	(c)+(d)+(e)	458,569	341,911	102,110	218,768
Secondary Service > 10 kW	16,E0,17,D0,19,E1,20,D1,23,D4	(g)+(h)+(i)+(j)+(k)	12,359,200	20,899,403	3,772,232	(4,767,971)
Primary Service ≤ 10 kW	11,G0	(f)	0	2,712	1,554	(1,158)
Primary Service > 10 kW Distribution Line	30,K0,31,J0,33,K1,36,K4,37,J4	(l)+(m)+(n)+(o)+(p)	3,803,183	3,041,912	647,461	1,408,732
Substation			0	533,821	98,712	(435,109)
Transmission Service			0	1,031,930	557,284	(474,646)
Lighting Service			0	0	0	0
Total			41,107,131	53,711,349	9,308,085	(3,296,133)

¹ Allocation of performance bonus as approved in Oncor's 2010 EECRF Docket No. 36958, see FoF 20C.

Oncor Electric Delivery Company LLC
2012 Customer Forecast

YEAR	MONTH	Tariffs for Retail Delivery Service										Total	
		Residential	Secondary		Primary		Dist Line		Substation	Transmission	Lighting	Retail	
			≤ 10 kW	> 10 kW	≤ 10 kW	≤ 10 kW	Dist Line	Substation					
Forecast													
2012	1	2,729,970	218,618	179,663	1,907	4,135	65	176	65,353	3,199,887			
2012	2	2,732,660	218,478	179,682	1,906	4,135	65	176	65,161	3,202,263			
2012	3	2,735,360	218,569	179,700	1,906	4,134	65	176	64,970	3,204,880			
2012	4	2,738,090	219,170	179,718	1,905	4,134	65	176	64,781	3,208,039			
2012	5	2,740,830	219,721	179,736	1,905	4,133	65	176	64,594	3,211,160			
2012	6	2,743,590	219,920	179,754	1,904	4,133	65	176	64,409	3,213,951			
2012	7	2,746,370	220,928	179,771	1,904	4,132	65	176	64,225	3,217,571			
2012	8	2,749,160	221,889	179,788	1,903	4,132	65	176	64,043	3,221,156			
2012	9	2,751,970	222,361	179,804	1,903	4,132	65	176	63,863	3,224,274			
2012	10	2,754,800	222,560	179,821	1,902	4,131	65	176	63,684	3,227,139			
2012	11	2,757,630	222,227	179,837	1,902	4,131	65	176	63,507	3,229,475			
2012	12	2,760,480	221,526	179,852	1,901	4,130	65	176	63,332	3,231,462			
2012 Average		2,745,076	220,497	179,761	1,904	4,133	65	176	64,327	3,215,938			
Total Bills		32,940,910	2,645,967	2,157,126	22,848	49,592	780	2,112	771,922	38,591,257			

Source: Oncor Electric Delivery Company LLC's 2011 Energy and Demand Plan