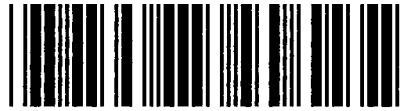




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PUBLIC UTILITY COMMISSION

ONCOR ELECTRIC DELIVERY COMPANY LLC

2021 Energy Efficiency Plan and Report

16 Tex. Admin Code §25.181 and §25.183 (TAC)

April 1, 2021

Project No. 51672

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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) 16 TAC §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), targeted market transformation programs (MTPs), or utility self-delivered programs:

- 30% reduction of the electric utility's five-year average annual growth in demand of residential and commercial customers for the 2013 program year and for subsequent program years until the trigger described in the next paragraph is reached.

Additionally, effective September 1, 2011, PURA §39.905 requires that an electric utility, whose amount of energy efficiency to be acquired is equivalent to at least four-tenths of one percent of its summer weather-adjusted peak demand for residential and commercial customers in the previous calendar year, maintain a goal of no less than four-tenths of one percent of that summer weather-adjusted peak demand for residential and commercial customers by December 31 of each subsequent year and that the energy efficiency to be required not be less than the preceding year.

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 2020 achievements, and reports plans for achieving 2021 and 2022 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 the following information:

Executive Summary

- The Executive Summary highlights Oncor's reported achievements for 2020 and Oncor's plans for achieving its 2021 and 2022 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 (2016-2020).
- Section VI compares Oncor’s projected energy and demand savings to its reported and verified savings by program for calendar year 2020.
- Section VII details Oncor’s incentive and administration expenditures for the previous five years (2016-2020) broken out by program for each customer class.
- Section VIII compares Oncor’s actual and budgeted program costs from 2020 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 and Research & Development activities. It compares existing baselines and existing milestones with actual results, and details any updates to those baselines and milestones.
- Section X provides the revenue billed during 2020 through Oncor’s Energy Efficiency Cost Recovery Factor (EECRF) and describes 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 – 2020 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 EEPRs.
- Appendix C – 2020 Energy Efficiency Service Providers.

EXECUTIVE SUMMARY

The Energy Efficiency Plan portion of this EEPR details Oncor’s plans to achieve four-tenths of 1% of summer weather-adjusted five-year average peak demand for the combined residential and commercial customers for the 2021 program year and a similar reduction for the 2022 program year. Oncor will also address the corresponding energy savings goal, which is calculated from its demand savings goal using a 20% conservation load 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 2020 Oncor successfully implemented SOPs and MTPs, as required by PURA §39.905, that met Oncor’s 30% energy efficiency savings goal by procuring 199,204 kW in demand savings. These programs included the Home Energy Efficiency SOP, Hard-to-Reach SOP, Targeted Weatherization Low-Income SOP, Residential Solar Photovoltaic Installation SOP, Residential Load Management SOP, Commercial Solar Photovoltaic Installation SOP, Small Business Direct Install MTP, Commercial SOP, Commercial Load Management SOP, Retro-commissioning MTP, Retail Products MTP (formerly Retail Platform MTP), and the Commercial HVAC Distributer MTP (Pilot).

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 Meter based on 30% Reduction)*	Energy MWh Goal (at Meter) based on 30% Demand Goal***	Demand Goal (MW) at 0.4% of Peak Demand (at meter)**	Energy MWh Goal at 0.4% of Peak Demand (at Meter)***	Projected MW Savings (at Meter)	Projected MWh Savings (at Meter)	Projected Budget (000's)
2021	376.3	30%	106.5	186,588	94.5	165,564	165.0	254,533	\$52,339
2022	129.0	30%	36.5	63,948	95.1	166,615	166.2	253,494	\$50,764

* The 2021 and 2022 Demand Goals are calculated per the EE Rule that requires a 30% reduction in the five-year average of annual demand growth and are shown for reference only.

** The 2021 and 2022 Demand Goals are calculated according to 16 TAC §25.181(e)(3)(B) because the four-tenths of 1% trigger described in 16 TAC §25.181(e)(1)(B) was met in 2019. The 2021 Demand Goal is calculated by applying the four-tenths of 1% goal to the summer weather-adjusted five-year average peak demand for eligible residential and commercial customers (25,038 MW x 0.4% x (1 - .05655 line loss)). The 2022 Demand Goal is calculated by applying the four-tenths of 1% goal to the summer weather-adjusted five-year average peak demand for eligible residential and commercial customers (25,167.4 MW x 0.4% x (1 - .05561 line loss)). Line loss is the 5-year weighted average of the actual loss factors at the time of Oncor’s annual peaks.

*** Calculated using a 20% conservation load factor.

In order to reach the above projected savings, Oncor proposes to continue implementation of the 2020 programs listed above and add the Residential New Home Construction MTP in 2021.

Oncor programs target both broad market segments and specific market sub-segments that offer significant opportunities for cost-effective savings. Oncor plans to conduct ongoing informational

¹ Projected MW and MWh taken from Table 5 in this document. Budget data is taken from Table 6 in this document.

activities to encourage participation in these SOPs and MTPs. Oncor identifies specific markets for each of its programs, and tailors communications and outreach to the customers and service providers serving the market. At a minimum this will include a program website, brochures, and an introductory meeting to explain the program prior to the program start-date. Furthermore, Oncor plans to participate in conferences to provide information related to its Energy Efficiency Programs.

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 Energy Efficiency Service Providers.
- Coordinated effort with Oncor's REP Relations group to identify key REP contacts. Through REP Executive 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.

All Oncor programs are offered on a first-come, first-served basis.

ENERGY EFFICIENCY PLAN

I. 2021 Programs

A. 2021 Program Portfolio

Oncor plans to implement 14 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. Additional requirements were passed by the Texas Legislature in 2011. Senate Bill 1434 requires that annual expenditures for the Targeted Weatherization Low-Income SOP are not less than 10 percent of the utility’s energy efficiency budget for the year.

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: 2021 Energy Efficiency Program Portfolio

Program	Target Market	Application
Commercial SOP	Commercial	Retrofit; New Construction
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
Small Business Direct Install MTP	Small Commercial	Retrofit
Home Energy Efficiency SOP	Residential	Retrofit
Targeted Weatherization Low-Income SOP	Low-Income Residential	Retrofit
Commercial Solar Photovoltaic Installation SOP	Commercial	Retrofit
Residential Solar Photovoltaic Installation SOP	Residential	Retrofit
Residential Load Management SOP	Residential	Load Management
Retail Products MTP	Residential; Commercial	Retrofit; New Construction
Retro-commissioning MTP	Commercial	Retrofit
Commercial HVAC Distributor MTP (Pilot)	Commercial	Retrofit; New Construction

Residential New Home Construction MTP	Residential	New Construction
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The programs listed in Table 2 are described in further detail below. Oncor maintains a website containing links to the program manuals of the SOPs, all of the requirements for project participation, the forms required for project submission, and the current available funding at <https://cepm.oncor.com/>. This website will be the primary method of communication used to provide potential Energy Efficiency Service Providers with program updates and information, including information on future opportunities to bid to be an implementer of an Oncor Market Transformation Program. Additional information to help residential consumers, business owners and government and educational facilities with their energy efficiency efforts can be found at <http://www.takealoadoftexas.com/>.

B. Existing Programs

Commercial Standard Offer Program (CSOP)

The Commercial SOP targets commercial customers with new or retrofit projects that either require measurement and verification or use deemed savings. Oncor provides incentives to Energy Efficiency 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, air conditioning, motors, variable frequency drives, ENERGY STAR® roofs and food service equipment, refrigeration measures, window film, cooling, and process upgrades as well as new construction that exceeds existing energy code baselines per the Texas Technical Reference Manual (TTRM). These energy-saving projects must be approved by Oncor prior to project start. Once completed, Oncor verifies the savings and the Energy Efficiency Service Providers receive incentive payments based on the project’s actual savings. Also included is the replacement of existing HVAC units using early replacement in master metered multifamily apartment complexes with high efficiency heat pumps. In prior years this program had two components, the Basic component that did not require measurement and verification, and the Custom component that required measurement and verification. These two components were rolled into one program in 2020. The 2021 budget for this program is \$8,405,181 and targeted impacts of 12,562 kW and 67,009,760 kWh.

Home Energy Efficiency Standard Offer Program (HEE SOP)

The HEE SOP targets residential customers with existing homes. 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 and multi-family residences. Incentives are paid to Energy Efficiency Service Providers to help offset the cost of these energy efficiency 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 customer by Oncor. The 2021 budget for this program is \$10,434,600 with targeted impacts of 20,873 kW and 35,602,085 kWh. Eligible energy-efficient measures include replacement of air conditioning units, heat pumps, and attic insulation. Also included is the replacement of existing HVAC units using early replacement in multifamily apartment complexes with high efficiency heat pumps.

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. Energy Efficiency Service Providers implement energy saving projects in homes located in Oncor's service area. Incentives are paid to these Energy Efficiency Service Providers to help offset the cost of these energy efficiency measures. Common measures, such as insulation and caulking/weather-stripping are installed at low or no cost to the customer. Energy Efficiency Service Providers must test for air leakage before and after installation when installing caulking/weather-stripping measures. Oncor provides the incentive directly to the Service Provider. Qualifying measures are similar to those described above for the HEE SOP, as well as air infiltration and water-saving devices. Also included is the replacement of existing HVAC units using early replacement in multifamily apartment complexes with high efficiency heat pumps. The same income qualifications (household incomes at or below 200% of current federal poverty level guidelines) apply to this new program option. The 2021 budget for this program is \$7,554,350 with targeted impacts of 14,021 kW and 20,631,773 kWh.

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 16 TAC §25.181(t). The program is offered to for-profit transmission voltage 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 have participated in this program since 2007 and no customers are expected to participate in 2021.

Commercial Load Management Standard Offer Program (CLM SOP)

Oncor pays incentives to Energy Efficiency Service Providers and Aggregators who work with local commercial and manufacturing facilities to achieve documented summer, on-peak demand reductions in those facilities. End-use customers may also act as the Energy Efficiency Service Provider. The program is designed to assist businesses reduce their summer 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 by meters 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, Aggregator or End-Use Customer. Each project must achieve a total estimated demand savings of at least 100 kW during the summer on-peak demand period. Participating customer facilities must reduce load when called for by Oncor. The 2021 budget for this program is \$2,394,000 with targeted impacts of 60,000 kW and 180,000 kWh.

Commercial Solar Photovoltaic Installation Standard Offer Program (CSPV SOP)

The Commercial Solar Photovoltaic Installation SOP provides incentives for the installation of Solar Photovoltaic systems that reduce customer energy costs, reduce peak demand and save energy in existing commercial customer structures. Incentives are paid to Energy Efficiency Service Providers on the basis of savings calculations per the Texas Technical Reference Manual.

The 2021 budget for the CSPV SOP is \$2,323,820 with targeted impacts of 1,534 kW and 4,979,022 kWh.

Residential Solar Photovoltaic Installation Standard Offer Program (RSPV SOP)

The Residential Solar Photovoltaic Installation SOP provides incentives for the installation of Solar Photovoltaic systems that reduce customer energy costs, reduce peak demand and save energy in existing residential customer structures. Incentives are paid to Energy Efficiency Service Providers on the basis of savings calculations per the Texas Technical Reference Manual. The 2021 budget for the RSPV SOP is \$1,539,920 with targeted impacts of 1,015 kW and 3,409,927 kWh.

Small Business Direct Install MTP (SBDI MTP)

Oncor's Small Business Direct Install MTP is a market transformation program designed to offer contractors and customers education on energy efficiency technologies, equip participating contractors with the tools they need to succeed in installing projects in the small business market, and offer incentives to assist small (≤ 200 kW) and very small (≤ 10 kW) businesses to install energy-efficient products such as high efficiency lighting and refrigeration measures. The program is focused on the non-Metro counties served by Oncor. The 2021 budget for the SBDI MTP is \$3,453,630 with targeted impacts of 2,610 kW and 15,698,285 kWh.

Targeted Weatherization Low-Income SOP

For the 2021 Program year Oncor is implementing the Targeted Low-Income Weatherization Program to comply with the Public Utility Regulatory Act (PURA) §39.905(f) which states, "Unless funding is provided under §39.903, each unbundled transmission and distribution utility shall include in its energy efficiency plan a targeted low-income energy efficiency program as described by Section 39.903(f)(2), and the savings achieved by the program shall count toward the transmission and distribution utility's energy efficiency goal. The commission shall determine the appropriate level of funding to be allocated to both targeted and standard offer low-income energy efficiency programs in each unbundled transmission and distribution utility service area. The level of funding for low-income energy efficiency programs shall be provided from money approved by the commission for the transmission and distribution utility's energy efficiency programs. The commission shall ensure that annual expenditures for the targeted low-income energy efficiency programs of each unbundled transmission and distribution utility are not less than 10 percent of the transmission and distribution utility's energy efficiency budget for the year. A targeted low-income energy efficiency program must comply with the same audit requirements that apply to federal weatherization sub recipients." Section 39.903(f)(2) states that targeted energy efficiency programs are to be administered by the Texas Department of Housing and Community Affairs (TDHCA) in coordination with existing weatherization programs.

16 TAC §25.181(p) states, "Each unbundled transmission and distribution utility shall include in its energy efficiency plan a targeted low-income energy efficiency program. A utility in an area in which customer choice is not offered may include in its energy efficiency plan a targeted low-income energy efficiency program that utilizes the cost-effectiveness methodology provided in paragraph (2) of this subsection. Savings achieved by the program shall count toward the utility's energy efficiency goal.

- (1) Each utility shall ensure that annual expenditures for the targeted low-income energy efficiency program are not less than 10% of the utility's energy efficiency budget for the program year.
- (2) The utility's targeted low-income program shall incorporate a whole-house assessment that will evaluate all applicable energy efficiency measures for which there are commission-approved deemed savings. The cost-effectiveness of measures eligible to be installed and the overall program shall be evaluated using the Savings-to-Investment ratio (SIR).
- (3) Any funds that are not obligated after July of a program year may be made available for use in the hard-to-reach program."

Oncor is implementing a Program through Texas Association of Community Action Agencies (TACAA) who will provide funds to designated federal Weather Assistance Program (WAP) Sub recipient agencies enabling them to provide weatherization services to residential electric distribution customers of Oncor who have household incomes at or below 200% of current federal poverty level guidelines.

TACAA will be entitled to compensation for materials, labor and program support used by the federally funded Sub recipient to install weatherization measures for up to \$6,500 per weatherized Dwelling Unit. TACAA may reimburse the federally funded Sub recipient for program support costs and up to 10% of the invoice amount for administration, which amounts are not part of the 8% program administration fee paid to TACAA. Federally funded Sub recipient program support costs shall be included in the calculation of the \$6,500 per Dwelling Unit cap, but shall not be included in calculating the Whole House SIR.

Energy-efficient measures installed include aerators, ceiling insulation, air infiltration, central air conditioning units, central heat pumps, floor insulation, ENERGY STAR[®] refrigerators, dishwashers, clothes washers and windows, showerheads, window air conditioning units, wall insulation, water heater jackets and water heater pipe insulation.

In 2017, Oncor added EnerChoice as a Program Implementer. EnerChoice uses program incentives to replace existing HVAC units in multifamily apartment complexes with high efficiency heat pumps and earns an administration fee of up to 10% for their services. The same income qualifications (household incomes at or below 200% of current federal poverty level guidelines) apply to this new program option.

The 2021 budget for this program is \$5,200,000 with targeted impacts of 2,712 kW and 4,010,302 kWh.

Program History - This program targeted Oncor's low-income residential customers who met 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 were provided to the TDHCA sub-recipient agencies and other not-for-profit or local government agencies, enabling them to provide weatherization services to qualifying customers. Participating agencies provided outreach, eligibility verification, assessments, and could either install or contract for the installation of cost-effective energy-efficient measures. Agencies received reimbursement for conducting assessments and installing the measures, plus an administrative fee up to 10 percent of the measure installation costs. The maximum expenditure per home was \$6,500.

Energy-efficient measures installed included 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 a light kit.

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 Texas Association of Community Action Agencies (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.

During the 2011 Texas Legislative session, SB 1434 was passed and signed into law by the Governor of Texas. Contained in the 2011 legislation is the following language related to the Targeted LIW Program:

Unless funding is provided under Section 39.903, each unbundled transmission and distribution utility shall include in its energy efficiency plan a targeted low-income energy efficiency program as described by Section 39.903(f)(2), and the savings achieved by the program shall count toward the transmission and distribution utility's energy efficiency goal. The commission shall determine the appropriate level of funding to be allocated to both targeted and standard offer low-income energy efficiency programs in each unbundled transmission and distribution utility service area. The level of funding for low-income energy efficiency programs shall be

provided from money approved by the commission for the transmission and distribution utility's energy efficiency programs. The commission shall ensure that annual expenditures for the targeted low-income energy efficiency programs of each unbundled transmission and distribution utility are not less than 10 percent of the transmission and distribution utility's energy efficiency budget for the year. A targeted low-income energy efficiency program must comply with the same audit requirements that apply to federal weatherization subrecipients. In an energy efficiency cost recovery factor proceeding related to expenditures under this subsection, the commission shall make findings of fact regarding whether the utility meets requirements imposed under this subsection.....

In 2012 Oncor implemented the program to provide funds to TDHCA sub-recipient agencies and other not-for-profit or local government agencies, enabling them to provide weatherization services to residential electric distribution end-use consumers of Oncor who had household incomes at or below 200% of the current federal poverty guidelines. Participating agencies provided outreach, eligibility verification, assessments, and either installed or contracted for the installation of cost-effective measures. Agencies received reimbursement for conducting assessments and installing the measures, plus an administrative fee up to 10 percent of the measure installation costs. The maximum expenditure per home was \$6,500. The \$6,500 per home cap included assessment and/or testing fees from homes that did not qualify for installed measures based on the assessment.

Residential Load Management SOP (RLMSOP)

Oncor's Residential Load management SOP is an expansion of the 2015-2016 pilot, which provided incentives to participating providers for reducing peak electric demand at residential premises. In 2021, the program will engage providers to provide demand response capability using remotely controlled load control devices in homes. The providers will use various control strategies, such as pre-cooling and cycling to reduce overall demand during the peak period. Implementation will occur in the Oncor service territory and target residential homes. The participating providers are responsible for ensuring the presence of load control devices in participating residences. The actual demand savings will be determined by Oncor using advanced meter data. The 2021 Program budget is \$1,186,500, with targeted impacts of 30,000 kW and 90,000 kWh.

Retail Products MTP (RPMTP)

The Retail Products MTP provides incentives directly to Residential Customers through in-store point of sale discounts for the purchase of qualifying ENERGY STAR-rated LED lighting products and consumer appliances. The Program is partnership-based and delivers qualified product measures by contracting with major market manufacturers and through cooperation with their retail alliance partners. Slated to continue through 2022, the program has a budget of \$4,816,900 in 2021 with targeted impacts of 17,812 kW and 80,073,422 kWh. Based on the Texas Technical Reference Manual Version 5.0 recommendation, claimed savings will be attributed based on five percent of upstream lighting program benefits and costs allocated to commercial customers with the remaining 95 percent allocated to residential customers. Commercial savings are calculated using the 'office' building type for lighting per Tetra Tech's Guidance Memo dated April 28, 2016.

In November 2018 select ENERGY STAR rated Nest and Ecobee smart thermostats were made available as part of this program, giving customers the ability to monitor and adjust their home's temperature even when away from home. In addition, Honeywell and Emerson products have been added to Smart Thermostat options to increase the product mix to Oncor customers. Oncor customers can obtain a coupon to purchase a smart thermostat by visiting www.smartsavingstx.com.

Retro-commissioning (Commercial Tune-Up) MTP RCMTP

The RCMTP program is designed to assist building owners with a low cost, low resource commitment opportunity that offers quick energy savings. The program features a pre-defined measure list, fixed project fees, clear reimbursement schedule and short project cycle times. This leads to quick collection of impacts for our utility partners.

It is common for a building's energy management system to be overridden over time, resulting in wasted energy. These customers can benefit from assistance through a controls program that will identify energy waste and improve the management of the building's systems. The program offers a controls tune-up to capture savings in small- to medium-sized commercial buildings and focuses on capturing savings that are available but may be ignored in utility program portfolios because the measures typically have a payback of less than a year. Primary measures include the following:

- Schedule refinement or optimal start/stop
- Zone level airflow control
- Static pressure settings
- Supply temperature settings

The following list describes the target market that would both benefit and yield savings as a participant in the program.

- Participating facilities must have a modern Building Automation System (BAS), Direct Digital Control System (DDC) or Energy Management System (EMS)
- Smaller and medium commercial properties under 200,000 square feet (e.g. office, medical centers, public facilities)
- A facility that has had building or operational changes
- A facility containing multiple HVAC systems
- The facility is not under construction or planning construction in the next few months (participant requirement)

The 2021 budget for the RCMTP is \$1,164,800 with targeted impacts of 13,000,000 kWh.

Commercial HVAC Distributor MTP (Pilot)

The Commercial HVAC Distributor MTP is a market transformation program designed to provide incentives to air conditioning distributors who agree to facilitate the installation of high-efficiency air conditioners and heat pumps in commercial facilities. The program will utilize the midstream,

distributor-focused model which is designed to provide incentives to the manufacturers and distributors of equipment and reaches down the entire supply chain to ensure incentives engage service providers and customers.

The 2021 budget for this Pilot Program is \$1,496,820 with targeted impacts of 939 kW and 5,748,175 kWh.

Research and Development

During 2021, Oncor will continue the development of the new technology incubator with the goal of building a pipeline of new technologies for review and analysis. The purpose of the incubator is to identify and test new energy efficient technologies, program strategy and ideas for inclusion in the Oncor Energy Efficiency portfolio. Promising technologies may also be submitted to the State for inclusion in the Texas Technical Reference Manual.

Additionally, Oncor will continue its membership in the Texas Energy Poverty Research Institute (TEPRI) for 2021. TEPRI is a 501(c) (3) whose mission is to research the root causes of energy and fuel poverty and provide data for solutions that have an impact on low-income households. In 2021, TEPRI will continue compiling Best Practices of Low-Income Services, Programs, and Technologies. TEPRI will also conduct a research study to investigate and develop recommendations for the revised program eligibility verification approaches for low-income and hard-to-reach energy efficiency program. Additionally, TEPRI will update their portal of information on publications, websites, and other resources that are specific to the topic of energy and poverty in Texas and the nation.

Oncor will continue to fund studies to evaluate energy efficiency market attributes, new technologies, and new program ideas. The studies will be conducted by third party consultants and will address Oncor specific portfolio needs, and as well as Texas market issues and opportunities.

For more details on these programs, please see Section IX.

C. New Programs for 2021

Residential New Home Construction MTP

Oncor plans to implement a Residential New Home Construction MTP during 2021 and will run a Request for Proposal to identify an implementer for the program in the first half of 2021. This program will be a market transformation program designed to provide builders of residential new homes incentives to include energy efficient measures in the construction in order to reduce the overall energy usage and improve the efficiency of equipment and systems. The 2021 budget for the Residential New Home Construction MTP is \$1,500,000 with targeted impacts of 900 kW and 4,100,000 kWh.

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 16 TAC §25.181(e)(3)(F), 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. Also factored into the allocation is the PURA §39.905 requirement that annual expenditures for the targeted low-income energy efficiency programs are not less than 10 percent of the annual energy efficiency budget for the year. 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 2020 Customer Information System (CC&B) 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 23.8%. According to the U.S. Census Bureau’s 2020 Current Population Survey (CPS), 23.8% of Texas families fall below 200% of the poverty threshold (2019 CPS was 27.7%). Applying that percentage to Oncor’s residential customer totals, the number of HTR customers is estimated at 761,158 compared to 866,751 in 2019. 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	495,737*
Residential	2,436,983
Hard-to-Reach	761,158
Total	3,693,878

* Customer count takes into account 11,104 qualifying for-profit industrial customers who have elected to exclude themselves from participation in Oncor’s energy efficiency programs per 16 TAC 25.181(u), as well as lighting premises.

III. Projected Energy Efficiency Savings and Goals

As prescribed by 16 TAC §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 2021 goal reflects the average annual growth in peak demand for the years 2015 through 2019. In past years the demand goal was based on meeting 30% of the electric utility’s annual growth in demand of eligible residential and commercial customers. Because the four-tenths of 1% trigger described in TAC §25.181(e)(1)(B) was met in 2019, the demand goal for 2021 and 2022 is calculated according to TAC §25.181(e)(3)(B), applying the four-tenths of 1% goal to the weather-adjusted five-year average peak demand for eligible residential and commercial customers. The corresponding energy savings goals are determined by applying a 20% conservation load 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 voltage and qualifying for-profit industrial customers who elected to exclude themselves from participation in Oncor’s energy efficiency

programs) while Residential and Commercial totals include eligible 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 2021 and 2022. The program-level goals presented in Table 5 are at the meter and 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		Opt-Out	Eligible Residential & Commercial		Total System		Eligible Residential & Commercial		Growth (MW)	Avg 5 Yr (MW) Growth
	Actual	Actual Weather Adjusted ²	Secondary/ Primary, & Transmission Voltage***	Actual	Actual Weather Adjusted ²	Actual	Actual Weather Adjusted ²	Actual	Actual Weather Adjusted ²	Actual Weather Adjusted ²	Actual Weather Adjusted ²
2015	25,511	26,158	1,646	23,865	24,513	116,594,625	116,554,605	102,634,272	102,594,252		
2016	25,766	26,599	1,755	24,010	24,843	115,791,379	117,927,439	100,977,674	103,113,734	330.3	
2017	25,148	26,245	1,879	23,269	24,366	117,017,075	119,776,460	100,971,312	103,730,697	(476.9)	
2018	27,471	27,201	2,055	25,415	25,145	130,007,690	128,631,337	111,336,170	109,959,816	779.3	
2019	27,174	28,733	2,408	24,767	26,326	133,357,452	133,307,591	112,552,481	112,502,621	1,180.3	
2020	27,133	28,089	2,932	24,201	25,157	130,279,888	134,416,838	105,774,456	109,911,405	(1,168.2)	129.0
2021³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2022³	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Table 4 values can differ from prior years due to restatement of historic demands from ERCOT Settlement interval data. Additional variance is due to changing the weather adjustment process to better match the ERCOT Settlement method. Values may not add due to rounding.

** Peak Demand values have been revised to reflect the combined Oncor and former Sharyland MW values for 2015-2017.

*** Includes the peak demand of qualifying for-profit industrial customers who receive service at primary/secondary voltage and have elected to exclude themselves from participation in Oncor's energy efficiency programs in the following amounts: Year 2015 - 414 MW, Year 2016 - 429 MW, Year 2017 - 486 MW, Year 2018 - 539 MW, Year 2019 - 524 MW, and Year 2020 - 782 MW.

² "Actual Weather Adjusted" Peak Demand and "Energy Consumption" are adjusted for weather fluctuations using weather data for the most recent ten years.

³ "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 2021 and 2022 are not applicable.

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

Customer Class and Program	2021 Projected Savings		2022 Projected Savings	
	(kW)	(kWh)	(kW)	(kWh)
Commercial	78,536	110,618,913	87,023	118,715,600
Commercial SOP	12,562	67,009,760	12,585	64,793,888
Emergency Load Management SOP	0	0	0	0
Commercial Load Management SOP	60,000	180,000	65,000	195,000
Small Business Direct Install MTP	2,610	15,698,285	1,703	8,515,795
Solar PV SOP	1,534	4,979,022	1,534	4,979,022
Retail Products MTP	891	4,003,671	3,449	20,521,745
Retro-commissioning MTP*	0	13,000,000	1,145	16,709,700
Commercial HVAC Distributor MTP (Pilot)*	939	5,748,175	1,607	3,000,450
Residential	69,709	119,271,763	62,231	113,935,695
Home Energy Efficiency SOP	20,873	35,602,085	13,255	23,548,071
Solar PV SOP	1,015	3,409,927	1,015	3,409,927
Residential Load Management SOP	30,000	90,000	35,000	105,000
Retail Products MTP	16,921	76,069,751	12,061	82,772,697
Residential New Home Construction MTP	900	4,100,000	900	4,100,000
Hard-to-Reach	16,733	24,642,075	16,928	20,842,952
Hard-to-Reach SOP	14,021	20,631,773	13,971	17,131,751
Targeted Weatherization Low-Income SOP	2,712	4,010,302	2,957	3,711,201
Total Annual Savings Goals	164,978	254,532,751	166,182	253,494,247

*Retro-commissioning MTP will be rolled into a Strategic Energy Management MTP (Pilot) in 2022. Commercial HVAC Distributor MTP (Pilot) will be rolled into a Commercial Midstream MTP in 2022.

IV. Program Budgets

Table 6 represents 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 and SB 1434 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.

Administration costs include labor and loading, evaluation, outreach, Energy Efficiency Program Management (tracking and reporting system), program development, program implementation, regulatory reporting, and any costs incurred associated with the EECRF filing by the company. Costs associated with specific programs are charged directly to those programs, while costs not associated with specific programs are allocated among all programs.

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

2021 Customer Class & Program	Incentives	Administration	Total Budget
Commercial	\$17,203,664	\$2,275,432	\$19,479,096
Commercial SOP	\$7,353,614	\$1,051,567	\$8,405,181
Emergency Load Management SOP	\$0	\$0	\$0
Commercial Load Management SOP	\$2,100,000	\$294,000	\$2,394,000
Solar PV SOP	\$2,038,440	\$285,380	\$2,323,820
Small Business Direct Install MTP	\$3,139,660	\$313,970	\$3,453,630
Retail Products MTP	\$218,950	\$21,895	\$240,845
Retro-commissioning MTP	\$1,040,000	\$124,800	\$1,164,800
Commercial HVAC Distributor MTP (Pilot)	\$1,313,000	\$183,820	\$1,496,820
Residential	\$17,102,190	\$2,134,885	\$19,237,075
Home Energy Efficiency SOP	\$9,113,190	\$1,321,410	\$10,434,600
Solar PV SOP	\$1,348,950	\$190,970	\$1,539,920
Residential Load Management SOP	\$1,050,000	\$136,500	\$1,186,500
Retail Products MTP	\$4,160,050	\$416,005	\$4,576,055
Residential New Home Construction MTP	\$1,430,000	\$70,000	\$1,500,000
Hard-to-Reach	\$11,252,560	\$1,501,790	\$12,754,350
Hard-to-Reach SOP	\$6,628,480	\$925,870	\$7,554,350
Targeted Weatherization Low-Income SOP	\$4,624,080	\$575,920	\$5,200,000
Research & Development*	\$0	\$150,000	\$150,000

Evaluation, Measurement & Verification**	\$0	\$718,490	\$718,490
Total Budgets by Category	\$45,558,414	\$6,780,597	\$52,339,011
2022 Customer Class and Program	Incentives	Administration	Total Budget
Commercial	\$16,771,143	\$2,080,790	\$18,851,933
Commercial SOP	\$7,030,930	\$914,020	\$7,944,950
Emergency Load Management SOP	\$0	\$0	\$0
Commercial Load Management SOP	\$2,100,000	\$252,000	\$2,352,000
Solar PV SOP	\$2,038,440	\$285,380	\$2,323,820
Small Business Direct Install MTP	\$2,141,110	\$214,110	\$2,355,220
Retail Products MTP	\$255,370	\$30,640	\$286,010
Strategic Energy Management MTP (Pilot)	\$1,905,313	\$228,640	\$2,133,953
Commercial Midstream MTP	\$1,299,980	\$156,000	\$1,455,980
Residential	\$17,280,910	\$1,976,520	\$19,257,430
Home Energy Efficiency SOP	\$8,600,000	\$1,017,810	\$9,617,810
Solar PV SOP	\$1,348,950	\$190,970	\$1,539,920
Residential Load Management SOP	\$1,050,000	\$115,500	\$1,165,500
Retail Products MTP	\$4,851,960	\$582,240	\$5,434,200
Residential New Home Construction MTP	\$1,430,000	\$70,000	\$1,500,000
Hard-to-Reach	\$10,375,260	\$1,290,890	\$11,666,150
Hard-to-Reach SOP	\$5,789,580	\$694,750	\$6,484,330
Targeted Weatherization Low-Income SOP	\$4,585,680	\$596,140	\$5,181,820
Research & Development*	\$0	\$255,000	\$255,000
Evaluation, Measurement & Verification**	\$0	\$733,805	\$733,805
Total Budgets by Category	\$44,427,313	\$6,337,005	\$50,764,318

* Research & Development costs will be split into Residential and Commercial classes and then allocated among the Programs (by class) in proportion to the program incentives in Oncor's EECRF filings.

** EM&V costs shown for 2021 are projected expenditures Oncor will incur in 2021 for completing review of Program Year 2020 and differ from the 2020 EEPR (Project No. 50666) EM&V estimate as the 2021 EM&V estimate was not available from the Third Party Evaluator at the time of filing. EM&V costs shown for 2022 are projected expenditures Oncor will incur in 2022 for EM&V of 2021 programs.

ENERGY EFFICIENCY REPORT

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 (2016-2020) calculated in accordance with 16 TAC §25.181.

Table 7: Historical Demand Savings Goals and Energy Targets

Calendar Year	Actual Demand Goal (MW at Meter)*	Projected Savings (MW at Meter)	Projected Energy Savings (MWh at Meter)	Reported & Verified Savings (MW at Meter)*	Reported & Verified Energy Savings (MWh at Meter)
2020 ⁴	69.4	163.3	248,055	199.2	295,496
2019 ⁵	69.4	161.4	218,630	167.4	243,152
2018 ⁶	69.4	155.3	206,072	172.4	218,304
2017 ⁷	69.4	145.8	208,513	155.2	170,124
2016 ⁸	69.4	138.1	225,783	128.8	198,743

* The 2020 MW savings at the Source is 211.1 (199.2 MW / (1- .05655 line loss)). The 2020 demand goal MW at the source is 73.6 (69.4 MW/ (1 - .05655 line loss)). The line loss was reported in Oncor’s 2020 EECRF (Docket No. 50886 – WP/MAT/4).

⁴ Projected MW Savings and Projected Energy Savings as reported in the 2020 Energy Efficiency Plan & Report (EEPR) filed in April of 2020 (and amended on May 18, 2020) under Project No. 50666. Actual Demand Goal as discussed in Tables 1 & 4.

⁵ Projected MW Savings and Projected Energy Savings as reported in the 2019 Energy Efficiency Plan & Report (EEPR) filed in April of 2019 (and amended on May 24, 2019) under Project No. 49297. Actual Demand Goal as discussed in Tables 1 & 4.

⁶ Projected MW Savings and Projected Energy Savings as reported in the 2018 Energy Efficiency Plan & Report (EEPR) filed in March of 2018 under Project No. 48146. Actual Demand Goal as discussed in Tables 1 & 4.

⁷ Projected MW Savings and Projected Energy Savings as reported in the 2017 Energy Efficiency Plan & Report (EEPR) filed in April of 2017 under Project No. 46907. Actual Demand Goal as discussed in Tables 1 & 4.

⁸ Projected MW Savings and Projected Energy Savings as reported in the 2016 Energy Efficiency Plan & Report (EEPR) filed in April of 2016 under Project No. 45675. Actual Demand Goal as discussed in Tables 1 & 4.

VI. Projected, Reported and Verified Demand and Energy Savings

Table 8: Projected versus Reported and Verified Savings for 2020 and 2019⁹ (at Meter)

2020	Projected Savings		Reported and Verified Savings	
Customer Class and Program	kW	kWh	kW	kWh
Commercial	78,229	104,867,314	100,405	112,287,875
Commercial HVAC Distributor MTP	417	2,552,190	0	0
Commercial SOP	12,711	69,142,575	14,776	69,110,224
Emergency Load Management SOP	0	0	0	0
Commercial Load Management SOP	60,000	180,000	75,000	225,000
Solar PV SOP	1,534	4,979,022	2,251	7,262,460
Small Business Direct Install MTP	2,610	15,711,041	1,114	5,646,892
Retail Products MTP	957	4,302,486	7,264	29,608,109
Retro-commissioning MTP	0	8,000,000	0	435,190
Residential	70,243	120,422,235	80,542	155,499,576
Home Energy Efficiency SOP	20,899	35,709,065	21,414	39,869,056
Solar PV SOP	1,160	2,875,930	1,555	5,261,327
Residential Load Management SOP	30,000	90,000	35,000	104,999
Retail Products MTP	18,184	81,747,240	22,573	110,264,194
Hard-to-Reach	14,866	22,765,611	18,256	27,708,914
Hard-to-Reach SOP	12,108	18,688,666	14,549	20,952,752
Targeted Weatherization LI SOP	2,758	4,076,945	3,707	6,756,162
Total Annual Savings Goals	163,338	248,055,160	199,204	295,496,365
2019¹⁰	Projected Savings		Reported and Verified Savings	
Customer Class and Program	kW	kWh	kW	kWh
Commercial	78,391	100,221,654	88,349	134,520,038
Commercial SOP (Custom)	3,465	20,338,921	572	2,765,155
Commercial SOP (Basic)	10,557	55,520,837	18,669	93,296,463
Emergency Load Management SOP	-	-	0	0
Commercial Load Management SOP	60,000	180,000	60,000	180,000
Solar PV SOP	1,534	4,979,022	2,141	6,724,377
Small Business Direct Install MTP	2,179	13,365,283	1,892	9,150,313
Retail Products MTP	656	2,837,591	5,075	20,616,328
Retro-commissioning MTP	0	3,000,000	0	1,787,403
Residential	68,172	95,646,197	61,679	80,961,820
Home Energy Efficiency SOP	21,310	36,706,893	18,860	35,959,167
Solar PV SOP	1,492	4,827,683	1,506	4,901,773
Residential Load Management SOP	32,900	197,400	29,426	88,294

⁹ Projected Savings totals for 2020 and 2019 from Table 7. Reported Savings may not add due to rounding.

¹⁰ Reported and Verified Savings data for 2019 taken from EEP, Project 50666.

Retail Products MTP	12,470	53,914,221	11,887	40,012,586
Hard-to-Reach	9,293	21,354,929	14,163	21,116,762
Hard-to-Reach SOP	12,105	18,686,710	13,173	19,638,109
Targeted Weatherization LI SOP	2,750	4,075,304	4,249	8,031,890
Total Annual Savings Goals	161,418	218,629,865	167,450	243,151,857

VII. Historical Program Expenditures

This section documents Oncor's incentive and administration expenditures for the previous five years (2016-2020) broken out by program for each customer class.

Table 9: Historical Program Incentive and Administrative Expenditures for 2016 through 2020

	2020		2019		2018		2017		2016	
	Incentive (\$)	Admin (\$)	Incentive (\$)	Admin (\$)	Incentive (\$)	Admin (\$)	Incentive (\$)	Admin (\$)	Incentive (\$)	Admin (\$)
Commercial	16,378,224	2,151,317	17,737,374	2,618,203	18,551,494	2,810,365	16,421,430	2,258,138	17,200,144	2,172,123
Solar PV SOP	2,680,757	309,811	2,751,931	348,614	3,199,284	404,539	2,016,566	296,888	6,027,919	497,068
Commercial SOP (Custom)	NA	NA	304,852	78,986	1,220,715	333,133	2,219,776	274,463	1,630,922	264,240
Emergency Load Management SOP	0	0	0	0	0	0	0	0	0	0
Commercial Load Management SOP	2,625,000	233,444	2,280,000	219,548	2,264,382	221,156	2,335,033	206,441	2,400,661	183,537
Retail Products MTP	215,648	17,004	146,966	13,412	87,693	7,681	NA	NA	NA	NA
Small Business Direct Install MTP	1,304,087	106,960	1,880,379	179,987	3,407,414	281,331	1,640,121	136,407	544,189	50,966
Healthcare MTP	NA	NA	NA	NA	NA	NA	363,758	26,348	931,556	74,226
Retro-commissioning MTP	128,413	35,325	153,864	38,835	NA	NA	NA	NA	NA	NA
Commercial SOP	9,206,772	1,433,891	10,219,382	1,738,821	8,372,006	1,562,525	7,846,176	1,317,591	5,664,897	1,102,086
Commercial HVAC Distributor MTP	217,547	14,882	NA	NA	NA	NA	NA	NA	NA	NA
Residential	16,235,042	1,683,150	14,408,317	1,719,366	14,255,973	1,819,899	15,618,050	1,900,301	19,377,105	2,040,667
Home Energy Efficiency SOP	8,729,508	974,663	8,436,929	1,044,545	9,786,238	1,270,240	12,111,569	1,451,784	14,435,266	1,521,569
Solar PV SOP	1,899,479	264,504	2,007,054	312,976	1,487,569	283,920	2,540,451	359,259	4,757,415	490,263
Residential Load Management SOP	1,225,000	101,503	1,118,156	102,917	1,316,000	119,803	966,030	89,258	184,424	28,835
Retail Products MTP	4,381,055	342,480	2,846,178	258,928	1,666,166	145,936	NA	NA	NA	NA
Hard-to-Reach	11,134,111	1,137,527	10,467,278	1,163,385	9,162,979	1,172,244	11,048,655	1,264,640	11,117,443	1,117,681
Hard-to-Reach SOP	6,265,399	684,349	6,038,597	753,931	4,685,428	753,177	6,019,635	847,106	5,953,011	750,470
Targeted Weatherization LI SOP	4,868,712	453,178	4,428,681	409,454	4,477,551	419,067	5,029,020	417,534	5,164,432	367,211
Total Program Expenditures	43,747,377	4,971,994	42,612,969	5,500,954	41,970,446	5,802,508	43,088,135	5,423,079	47,694,692	5,330,471

VIII. Program Funding for Calendar Year 2020

Oncor exceeded its 2020 mandated demand goal of 69.4 MW by obtaining 199.2 MW in energy efficiency savings. As shown on Table 10, funds were either spent or committed by contracts with energy efficiency service providers in the amount of \$52,264,187.

The **Retro-commissioning MTP** was under budget in 2020 because several projected participants were reluctant to move forward in the program without seeing actual results from similar projects, as well as the COVID shutdown. Potential customers that had expressed interest in late 2019 completely locked non-essential personnel out of facilities and put existing or future projects on hold. There was some traction late in the year with the easing of restrictions.

The **Commercial SOP** was over budget in 2020 because other commercial programs fell short of their budget and their incentives were reallocated to the Commercial SOP.

The **Residential Solar Photovoltaic Installation SOP** was over budget in 2020 because other residential programs fell short of their budget and their incentives were reallocated to the Commercial SOP.

The **Commercial Solar Photovoltaic Installation SOP** was over budget in 2020 because a large number of projects that were on the waitlist were able to be funded when other commercial programs fell short of their budget and their incentives were reallocated to the Commercial Solar Program.

The **Commercial Load Management SOP** was over budget in 2020 due to the ability of Service Providers in this program to achieve higher levels of demand savings when other commercial programs fell short of their budget. Incentives were reallocated to the Commercial Load Management Program when other commercial programs fell short of their budget.

The **Small Business Direct Install MTP** was under budget in 2020 primarily due to the coronavirus pandemic. The Small Business sector was affected more than other commercial sectors due to the pandemic. Besides decreased sales, businesses did not want to grant the implementer access to their facilities as a safety precaution.

The **Commercial HVAC Distributor MTP (Pilot)** was under budget in 2020 because the program contract was not awarded until late in the year. Costs incurred by the program in 2020 were attributable to starting-up the program. As such, no savings was achieved in 2020 as full implementation of the program is set to begin in the first quarter of 2021.

Table 10: Program Funding for Calendar Year 2020

	Numbers of Customer Meters	Total Projected Budget ¹¹ (\$)	Actual Funds Expended (Incentives) (\$)	Actual Funds Expended (Admin)* (\$)	Total Funds Expended (\$)	Funds Committed (Not Expended) (\$)	Funds Remaining (Not Committed) (\$)
Commercial	1,036	19,116,321	16,378,224	2,151,317	18,529,541	2,687,403	(2,100,623)
Solar PV SOP	68	2,323,820	2,680,757	309,811	2,990,568	0	(666,748)
Commercial SOP	513	9,521,571	9,206,772	1,433,891	10,640,663	2,687,403	(3,806,495)
Emergency Load Management SOP	0	0	0	0	0	0	0
Commercial Load Management SOP	256	2,486,400	2,625,000	233,444	2,858,444	0	(372,044)
Retail Products MTP	NAV	258,820	215,648	17,004	232,652	0	26,168
Small Business Direct Install MTP	198	3,456,430	1,304,087	106,960	1,411,047	0	2,045,383
Retro-commissioning MTP	1	572,000	128,413	35,325	163,738	0	408,262
Commercial HVAC Distributor MTP	0	497,280	217,547	14,882	232,429	0	264,851
Residential	44,521	18,450,041	16,235,042	1,683,150	17,918,192	0	531,849
Home Energy Efficiency SOP	9,568	10,749,330	8,729,508	974,663	9,704,171	0	1,045,159
Solar PV SOP	375	1,539,920	1,899,479	264,504	2,163,983	0	(624,063)
Residential Load Management SOP	34,578	1,243,200	1,225,000	101,503	1,326,503	0	(83,303)
Retail Products MTP	NAV	4,917,591	4,381,055	342,480	4,723,535	0	194,056
Hard-to-Reach	10,508	11,802,350	11,134,111	1,137,527	12,271,638	0	(469,288)
Hard-to-Reach SOP	9,258	6,800,270	6,265,399	684,349	6,949,748	0	(149,478)
Targeted Low-Income SOP	1,250	5,002,080	4,868,712	453,178	5,321,890	0	(319,810)
Research & Development	NA	310,000	0	108,888	108,888	0	201,112
EM&V**	NA	748,525	0	748,525	748,525	0	0
Total	56,065	50,427,237	43,747,377	5,829,407	49,576,784	2,687,403	(1,836,950)

* Administration funds include \$9,940 of Rate Case Expenses approved in Docket No. 50886.

** EM&V costs shown are actual booked costs for 2020. For purposes of cost-effectiveness and bonus calculations, \$718,490 is used per TetraTech's 2020 EM&V cost allocation.

IX. Market Transformation & Research & Development Results

Energy Efficiency Service Providers have the opportunity to bid to become an implementer of one or more of Oncor's Market Transformation Programs. The process Oncor uses to choose implementers includes identifying potential bidders, distributing a RFP (Request for Proposal),

¹¹ Projected Budget taken from the EEPR filed in April 2020 under Project No. 50666

conducting a Bidders Conference, evaluating proposals, narrowing bidders to a shortlist, conducting oral presentations, selecting the winning bid, and negotiating and finalizing the contract.

Oncor's 2020 Market Transformation and Research & Development Programs are described below.

Small Business Direct Install Program (MTP)

Oncor's Small Business Direct Install MTP was launched during the third quarter of 2013. The existing implementer's contract was renewed in 2019 after a RFP process was completed. The implementer has managed similar programs for utilities across the United States. This program was developed to assist an under-served segment identified by Oncor. The SBDI is a market transformation program designed to offer participating small commercial customers education on energy efficiency technologies, equip participating sub-contractors with the tools they need to succeed in installing projects in the small business market, and offer incentives to assist small (≤ 200 kW) businesses to install energy-efficient products such as high efficiency lighting and refrigeration measures. The program is focused on the non-Metro counties served by Oncor.

In 2020, participants installed measures that resulted in savings of 1,114 kW and 5,646,892 kWh, with results being lower than expected due to coronavirus pandemic safety precautions at small businesses and related financial difficulties by many.

The Program goals for 2020 were to provide convenient, turn-key select energy efficient measures to small and mid-sized non-residential customers.

Retail Products MTP

Oncor's Retail Products MTP was launched during the fourth quarter of 2018 and has continued to be successful in 2020, resulting in an extension of the implementer's contract through 2022. This program was developed to provide incentives directly to Oncor Residential Customers through in-store point of sale discounts for the purchase of qualifying ENERGY STAR-rated LED lighting products. In November of 2018 a smart thermostat measure was added to the Retail Products MTP with select Nest and Ecobee smart thermostats available to customers served by Oncor. In addition, Honeywell and Emerson products have been added to Smart Thermostat options to increase the product mix. In 2020, retailers such as Bestbuy.com and homedepot.com were added to the program and an incentive promotion of \$75 was available from April 16 through September 30. Much of the Program's success was due to the working relationship developed between the implementer and major market manufactures as well as participating retail partners in the Dallas/Ft. Worth area, such as Home Depot, Lowe's, Walmart and Costco. Retailers Dollar Tree and Sam's Club were also added in 2020. The Retail Products MTP contributed savings of 29,837 kW and 139,872,303 kWh in 2020 as seventy-four additional retail stores were added outside of the DFW Metroplex. Claimed savings were attributed based on five percent of upstream lighting program benefits and costs allocated to commercial customers with the remaining 95 percent allocated to residential customers as recommended in the Texas Technical Reference Manual Version 7.0. Commercial savings are calculated using the 'office' building type for lighting per Tetra Tech's Guidance Memo dated April 28, 2016. Smart thermostat costs and benefits are attributed 100% to residential customers.

Retro-commissioning MTP

The Retro-commissioning MTP was launched during the second quarter of 2019. An implementer was awarded the contract in 2018 after a RFP was conducted. The implementer has managed similar programs for utilities across the United States. The program was developed to provide incentives to Oncor Commercial Customers through reimbursement of costs incurred by the customer for controls measures identified by the implementer. The Retro-commissioning MTP contributed savings of 435,190 kWh in 2020.

Commercial HVAC Distributor MTP (Pilot)

The Commercial HVAC Distributor MTP (Pilot) was launched in the latter part of the fourth quarter of 2020 after an implementer was awarded the contract. The implementer has managed similar programs for utilities across the United States. This program is a market transformation program designed to provide incentives to air conditioning distributors who agree to facilitate the installation of high-efficiency air conditioners and heat pumps in commercial facilities. The program utilizes the midstream, distributor-focused model which is designed to provide incentives to the manufacturers and distributors of equipment and reaches down the entire supply chain to ensure incentives engage service providers and customers. Due to the late start of this program in 2020, no savings were achieved as full implementation of the program is set to begin in the first quarter of 2021.

Research and Development

During 2020, Oncor initiated the development of the new technology incubator. The purpose of the incubator is to identify and test new energy efficient technologies, program strategy and ideas for inclusion in the Oncor Energy Efficiency portfolio. Promising technologies may also be submitted to the State for inclusion in the Texas Technical Reference Manual.

Oncor also continued its membership in the Texas Energy Poverty Research Institute. TEPRI is a 501(c) (3) whose mission is to research the root causes of energy and fuel poverty and provide data for solutions that have an impact on low-income households.

Other organizations providing research services and data to Oncor included Peak Load Management Alliance and Smart Energy Consumer Collaborative.

X. Current Energy Efficiency Cost Recovery Factor (EECRF)

Oncor billed \$53,466,407 during 2020 through the EECRF approved in Docket No. 49594.

Revenue Billed

\$53,466,407

Over- or Under-Recovery

\$2,120,046 (Under) - This amount will be trued-up by rate class in Oncor's EECRF filing in 2021.

EECRF Filed in 2020 in Docket No. 50886

Oncor's most recent EECRF filing was in Docket No. 50886 for the 2021 program year. The revenues to be collected as a result of the final Order in that docket will be determined at a later

date after the completion of the 2021 program year and does not involve any revenues from base rates.

ACRONYMS

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 16 TAC §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 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.

Baseline -- A relevant condition that would have existed in the absence of the energy efficiency project or program being implemented, including energy consumption that would have occurred. Baselines are used to calculate program-related demand and energy savings. Baselines can be defined as either project-specific baselines or performance standard baselines (e.g. building codes).

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

Competitive energy efficiency services -- Energy efficiency services that are defined as competitive under §25.341 of the PUCT’s rules.

Conservation load factor – The ratio of the annual energy savings goal, in kilowatt hours (kWh), to the peak demand goal for the year, measured in kilowatts (kW) and multiplied by the number of hours in the year.

Deemed savings calculation -- An industry-wide engineering algorithm used to calculate energy and/or demand savings of the installed energy efficiency measure that has been developed from common practice that is widely considered acceptable for the measure and purpose, and is applicable to the situation being evaluated. May include stipulated assumptions for one or more parameters in the algorithm, but typically requires some data associated with actual installed measure. An electric utility may use the calculation with documented measure-specific assumptions, instead of energy and peak demand savings determined through measurement and verification activities or the use of deemed savings.

Deemed savings value -- An estimate of energy or demand savings for a single unit of an installed energy efficiency measure that has been developed from data sources and analytical methods that are widely considered acceptable for the measure and purpose, and is applicable to the situation being evaluated. An electric utility may use deemed savings values 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.

Eligible customers -- Residential and commercial customers. In addition, to the extent that they meet the criteria for participation in load management standard offer programs developed for industrial customers and implemented prior to May 1, 2007, industrial customers are eligible customers solely for the purpose of participating in such programs.

Energy efficiency -- Improvements in the use of electricity that are achieved through customer facility or customer equipment improvements, devices, processes, or behavioral or operational changes 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 Cost Recovery Factor (EECRF) -- An electric tariff provision, compliant with 16 TAC §25.182, ensuring timely and reasonable cost recovery for utility expenditures made to satisfy the goal of PURA §39.905 that provide for a portfolio of cost-effective energy efficiency programs under this section.

Energy efficiency measures -- Equipment, materials, and practices, including practices that result in behavioral or operational changes, implemented at a customer's site on the customer's side of the meter that result in a reduction at the customer level and/or on the utility's system in electric energy consumption, measured in kWh, or peak demand, measured in 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 project -- An energy efficiency measure or combination of measures undertaken in accordance with a standard offer, market transformation program, or self-delivered program.

Energy efficiency service provider -- A person or other entity that installs energy efficiency measures or performs other energy efficiency services under 16 TAC §25.181. An energy efficiency service provider may be a retail electric provider or commercial customer, provided that the commercial customer has a peak load equal to or greater than 50 kW. An energy efficiency service provider may also be a governmental entity or a non-profit organization, but may not be an electric utility.

Energy savings -- A quantifiable reduction in a customer's consumption of energy that is attributable to energy efficiency measures, usually expressed in kWh or MWh.

Estimated useful life (EUL) -- The number of years until 50% of installed measures are still operable and providing savings, and is used interchangeably with the term "measure life". The

EUL determines the period of time over which the benefits of the energy efficiency measure are expected to accrue.

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 16 TAC Rule §25.181.

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, an end-use customer, or third-party contractor to implement and/or attract customers to energy efficiency programs, including standard offer, market transformation, and self-delivered programs.

Industrial customer -- A for-profit entity engaged in an industrial process taking electric service at transmission voltage, or a for-profit entity engaged in an industrial process taking electric service at distribution voltage that qualifies for a tax exemption under Tax Code §151.317 and has submitted an identification notice under subsection (u) of 16 TAC §25.181.

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 savings or demand reduction equivalent to the energy savings or demand reduction reported towards meeting the energy efficiency goals of this section.

Lifetime energy (demand) savings -- The energy (demand) savings over the lifetime of an installed measure(s), project(s), or program(s). May include consideration of measure estimated useful life, technical degradation, and other factors. Can be gross or net savings.

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, 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 -- Strategic programs intended 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 16 TAC Rule §25.181.

Measurement and verification -- A subset of program impact evaluation that is associated with the documentation of energy or demand savings at individual sites or projects using one or more methods that can involve measurements, engineering calculations, statistical analyses, and/or computer simulation modeling. M&V approaches are defined in the IPMVP.

Off-peak period -- Period during which the demand on an electric utility system is not at or near its maximum. For the purpose of this section, the off-peak period includes all hours that are not in the peak period.

Peak demand -- Electrical demand at the times of highest annual demand on the utility's system at the source. Peak demand refers to Texas retail peak demand and, therefore, does not include demand of retail customers in other states or wholesale customers.

Peak demand reduction -- Reduction in demand on the utility's system at the times of the utility's summer peak period or winter peak period.

Peak period -- For the purpose of this section, the peak period consists of the hours from one p.m. to seven p.m. during the months of June, July, August, and September, and the hours of six to ten a.m. and six to ten p.m. during the months of December, January, and February, excluding weekends and Federal holidays.

Program Year -- A year in which an energy efficiency incentive program is implemented, beginning January 1 and ending December 31.

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) (relating to Goal for Renewable Energy), a geothermal heat pump, a solar water heater, or another natural mechanism of the environment, that when installed at a customer site, reduces the customer's net purchases of energy, demand, or both.

Savings-to-Investment Ratio (SIR) -- The ratio of the present value of a customer's estimated lifetime electricity cost savings from energy efficiency measures to the present value of the installation costs, inclusive of any incidental repairs, of those energy efficiency measures.

Self-delivered program -- A program developed by a utility in an area in which customer choice is not offered that provides incentives directly to customers. The utility may use internal or external resources to design and administer the program.

Standard offer contract -- A contract between an energy efficiency service provider and a participating utility or between a participating utility and a commercial customer specifying standard payments based upon the amount of energy and peak demand savings achieved through energy efficiency measures, the measurement and verification protocols, and other terms and conditions, consistent with this section.

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

Underserved County -- A county that did not have reported demand or energy savings through a prior year's SOP or MTP.

APPENDICES

APPENDIX A: 2020 REPORTED DEMAND AND ENERGY REDUCTION BY COUNTY

Appendix A: Demand and Energy Reduction by County

COUNTY	Hard to Reach SOP		Small Business Direct Install MTP		Retro-commissioning MTP		Residential Load Management SOP		Commercial Load Mgmt. SOP		Home Energy Efficiency SOP		Commercial SOP		Commercial Solar PV SOP		Residential Solar PV SOP		Targeted Low Income SOP		Retail Products MTP			
ANDERSON	kW kWh	105 0 212,550 0	kW kWh	38 4 233,268 7	kW kWh	59 2 177 5	kW kWh	59 2 177 5	kW kWh	25 3 114,482 3	kW kWh	25 3 114,482 3	kW kWh	25 3 114,482 3	kW kWh	25 3 114,482 3	kW kWh	384 1 704,550 4	kW kWh	384 1 704,550 4	kW kWh	0 0 1,256 0		
ANDREWS	kW kWh		kW kWh		kW kWh	52 7 158 5	kW kWh	52 7 158 5	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	0 0 2,512 0		
ANGELINA	kW kWh		kW kWh	163 8 623,650 2	kW kWh	103 8 311 2	kW kWh	103 8 311 2	kW kWh	137 6 412 7	kW kWh	61 9 123,372 1	kW kWh	89 6 417,826 4	kW kWh	89 6 417,826 4	kW kWh	10 2 30,425 2	kW kWh	10 2 30,425 2	kW kWh	0 0 7,536 0		
ARCHER	kW kWh		kW kWh	55 4 311,395 1	kW kWh	19 3 57 9	kW kWh	19 3 57 9	kW kWh	7 6 20,097 0	kW kWh	7 6 20,097 0	kW kWh	4 6 14,826 8	kW kWh	4 6 14,826 8	kW kWh	4 3 15,802 7	kW kWh	4 3 15,802 7	kW kWh	30 6 60,869 0	0 0 2 512 0	
BASTROP	kW kWh		kW kWh		kW kWh	22 6 68 0	kW kWh	-126 6 -379 7	kW kWh	6 9 20,171 4	kW kWh	6 9 20,171 4	kW kWh	12 8 68,124 2	kW kWh	12 8 68,124 2	kW kWh	15 4 61,935 3	kW kWh	15 4 61,935 3	kW kWh	0 0 1,256 0		
BAYLOR	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
BELL	kW kWh	251 9 472,144 6	kW kWh	0 3 2,801 2	kW kWh	1,296 8 3,890 2	kW kWh	3,091 6 9,274 6	kW kWh	674 6 1,251,352 5	kW kWh	280 5 1,432,263 2	kW kWh	280 5 1,432,263 2	kW kWh	280 5 1,432,263 2	kW kWh	64 9 263,248 9	kW kWh	64 9 263,248 9	kW kWh	526 3 942 370 0	kW kWh	805 4 3,754,397 7
BROWN	kW kWh		kW kWh	16 6 106,303 1	kW kWh	53 4 160 4	kW kWh	53 4 160 4	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	3 1 10,257 3	kW kWh	3 1 10,257 3	kW kWh	0 0 5,024 0		
CHEROKEE	kW kWh		kW kWh	59 9 310,799 0	kW kWh	61 7 185 1	kW kWh	61 7 185 1	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	3 1 5,437 0	0 0 3,768 0	
CLAY	kW kWh		kW kWh		kW kWh	12 2 36 6	kW kWh	12 2 36 6	kW kWh	1 5 3,812 6	kW kWh	1 5 3,812 6	kW kWh		kW kWh		kW kWh	4 3 16,007 0	kW kWh	4 3 16,007 0	kW kWh			
COLEMAN	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
COLLIN	kW kWh	349 2 752,215 6	kW kWh	7 5 46,316 6	kW kWh	4,345 3 13,034 8	kW kWh	13,021 3 39,064 1	kW kWh	2,643 8 4,812,544 4	kW kWh	823 8 5,252,992 8	kW kWh	823 8 5,252,992 8	kW kWh	141 8 478,078 0	kW kWh	198 8 686,253 6	kW kWh	198 8 686,253 6	kW kWh	4 1 7,311 9	kW kWh	5 097 4 23,847,104 7
COMANCHE	kW kWh		kW kWh	2 6 15,596 0	kW kWh	2 2 6 5	kW kWh	2 2 6 5	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	0 0 1,256 0		
CONCHO	kW kWh		kW kWh		kW kWh	1 0 3 0	kW kWh	1 0 3 0	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
COOKE	kW kWh		kW kWh	1 1 3,966 0	kW kWh	38 5 115 6	kW kWh	-5 9 -17 7	kW kWh	7 2 15,590 6	kW kWh	14 9 87,467 1	kW kWh	14 9 87,467 1	kW kWh	130 1 393,862 2	kW kWh		kW kWh		kW kWh	242 8 429,664 0		
CORYELL	kW kWh	3 8 6,755 0	kW kWh		kW kWh	167 6 502 0	kW kWh	167 6 502 0	kW kWh	53 2 98,674 2	kW kWh	53 2 98,674 2	kW kWh	53 2 98,674 2	kW kWh	53 2 98,674 2	kW kWh	6 6 28,299 1	kW kWh	6 6 28,299 1	kW kWh	0 0 6,280 0		

CRANE	kW kWh	kW kWh	kW kWh	kW kWh	6 8 20 5	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0 0 1,256 0
DALLAS	kW kWh	kW kWh	kW kWh	kW kWh	9,018 3 27 055 9	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	1,145 2,089,376 1
DAWSON	kW kWh	kW kWh	kW kWh	kW kWh	27 8 83 6	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0 9 1,280 1
DELTA	kW kWh	kW kWh	kW kWh	kW kWh	0 8 2 4	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	5 9 18,855 6
DENTON	kW kWh	kW kWh	kW kWh	kW kWh	1,535 8 4,606 2	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	65 7 232,534 7
EASTLAND	kW kWh	kW kWh	kW kWh	kW kWh	7 5 22 4	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	39 8 75,602 6
ECTOR	kW kWh	kW kWh	kW kWh	kW kWh	752 5 2,256 0	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	433 4 2,003,303 3
ELLIS	kW kWh	kW kWh	kW kWh	kW kWh	792 6 2,377 2	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	43 3 143,842 6
ERATH	kW kWh	kW kWh	kW kWh	kW kWh	15 6 46 7	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0 0 1 256 0
FALLS	kW kWh	kW kWh	kW kWh	kW kWh	-0 2 -0 4	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	12 4 22,994 9
FANNIN	kW kWh	kW kWh	kW kWh	kW kWh	15 2 45 7	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	22 7 34,642 3
FREESTONE	kW kWh	kW kWh	kW kWh	kW kWh	6 7 20 2	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0 0 2,512 0
GLASSCOCK	kW kWh	kW kWh	kW kWh	kW kWh	-1 0 -2 9	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	
GRAYSON	kW kWh	kW kWh	kW kWh	kW kWh	241 4 724 3	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	6 1 18,091 8
HENDERSON	kW kWh	kW kWh	kW kWh	kW kWh	109 1 327 7	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0 0 6,280 0
HILDAGO	kW kWh	kW kWh	kW kWh	kW kWh		kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	
HILL	kW kWh	kW kWh	kW kWh	kW kWh	22 1 66 2	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	12 9 22,449 6
HOOD	kW kWh	kW kWh	kW kWh	kW kWh	51 3 153 9	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	
HOPKINS	kW kWh	kW kWh	kW kWh	kW kWh	37 7 112 7	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	36 7 170,938 5

HOUSTON	kW kWh	20 6 119,122 7	kW kWh	3 7 10 9	kW kWh	1 910 5 5,731 5	kW kWh	0 7 1,085 9	kW kWh		kW kWh		kW kWh	0 0 1,256 0				
HOWARD	kW kWh	1 8 6 757 6	kW kWh	69 1 206 9	kW kWh		kW kWh	41 9 80,015 6	kW kWh		kW kWh	6 3 22,719 0	kW kWh	12 2 18,665 2	kW kWh	100 5 462,532 0		
HUNT	kW kWh		kW kWh	35 0 105 2	kW kWh		kW kWh	1 2 4,614 0	kW kWh		kW kWh	4 5 14,674 1	kW kWh		kW kWh	6 4 32 808 1		
JACK	kW kWh	132 9 582,094 5	kW kWh	4 9 15 0	kW kWh		kW kWh	0 8 1,302 0	kW kWh		kW kWh	56 4 174,640 0	kW kWh		kW kWh			
JOHNSON	kW kWh	12 6 54,890 5	kW kWh	362 7 1,088 6	kW kWh	743 2 2,229 6	kW kWh	146 0 286,113 7	kW kWh	170 0 961,345 7	kW kWh	48 2 143,442 0	kW kWh		kW kWh	354 2 1,638,641 8		
KAUFMAN	kW kWh	10 7 64,789 2	kW kWh	219 3 657 3	kW kWh	46 5 139 6	kW kWh	96 5 193,415 1	kW kWh	891 2 4,004,314 3	kW kWh	80 5 271,838 7	kW kWh		kW kWh	182 6 847,061 6		
LAMAR	kW kWh	17 9 98,831 8	kW kWh	55 1 165 2	kW kWh	66 6 199 8	kW kWh		kW kWh	334 3 1,632 872 5	kW kWh		kW kWh	5 8 7,982 5	kW kWh			
LAMPASSAS	kW kWh	1 1 2,093 9	kW kWh		kW kWh	1 1 3 4	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
LEON	kW kWh		kW kWh		kW kWh	9 2 27 5	kW kWh		kW kWh	7 8 14,434 4	kW kWh		kW kWh		kW kWh			
LIMESTONE	kW kWh		kW kWh		kW kWh	6 9 20 5	kW kWh		kW kWh	36 3 64,658 6	kW kWh		kW kWh		kW kWh			
LOVING	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
LYNN	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	1 2 1,237 5	kW kWh		kW kWh		kW kWh	0 0 1,256 0		
MARTIN	kW kWh		kW kWh	3 3 13,408 7	kW kWh	2 4 7 2	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	1 0 1,172 0		
MCCULLOCH	kW kWh		kW kWh		kW kWh	0 9 2 7	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
MCLENNAN	kW kWh	5 6 6 850 7	kW kWh	22 1 115,920 1	kW kWh	555 2 1,666 6	kW kWh	3,600 7 10,802 1	kW kWh	1,269 1 2,512,893 8	kW kWh	359 9 1,696,225 8	kW kWh	9 5 37,788 0	kW kWh	41 7 68,666 6	kW kWh	625 4 2,928,735 6
MENARD	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh			
MIDLAND	kW kWh	31 8 63,063 2	kW kWh	5 7 23,852 4	kW kWh	774 8 2,324 7	kW kWh	4,209 7 12,629 2	kW kWh	104 1 212,997 6	kW kWh	20 0 69,716 6	kW kWh	5 6 20,339 6	kW kWh		kW kWh	551 8 2,563,387 0
MILAM	kW kWh		kW kWh	10 9 73,959 7	kW kWh	23 8 71 2	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	7 7 9,736 6	kW kWh	0 0 5,024 0
MITCHELL	kW kWh		kW kWh		kW kWh	12 6 37 9	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	0 5 672 6	kW kWh	
MONTAGUE	kW kWh		kW kWh	1 1 4,666 3	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh	

NACOGDOCHES	kW kWh	16 2 75,509 6	kW kWh	57 7 172 6	kW kWh	4 8 9,735 7	kW kWh	5 4 18 095 9	kW kWh	65 4 118 299 6	kW kWh	0 0 6,280 0								
NAVARRO	kW kWh	2 4 4,436 0	kW kWh	43 6 130 7	kW kWh	2,542 4 7,627 2	kW kWh	47 9 88,134 1	kW kWh	3 9 6,796 0	kW kWh	136 3 625,567 5								
NOLAN	kW kWh	1 9 7,557 3	kW kWh	29 0 87 1	kW kWh		kW kWh		kW kWh	0 2 322 7	kW kWh	50 6 232,156 6								
PALO PINTO	kW kWh		kW kWh	38 6 115 9	kW kWh	333 3 999 9	kW kWh	9 6 77,792 3	kW kWh	32 2 102,301 7	kW kWh	6 5 32,257 3								
PARKER	kW kWh	3 4 20,623 9	kW kWh	198 5 596 1	kW kWh	43 6 130 8	kW kWh	87 9 179,466 3	kW kWh	61 8 192,010 8	kW kWh	12 3 36 905 2	kW kWh	202 2 360,260 0	kW kWh	0 0 8,792 0				
PECOS	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
REAGAN	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
RED RIVER	kW kWh		kW kWh	0 9 2 7	kW kWh		kW kWh		kW kWh		kW kWh	2 1 3,305 1								
REEVES	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
ROCKWALL	kW kWh	0 8 1,225 4	kW kWh		kW kWh	540 1 1,620 6	kW kWh	584 0 1,751 9	kW kWh	115 9 229,305 8	kW kWh	153 2 800,173 8	kW kWh	9 1 30,246 1	kW kWh	0 5 553 3	kW kWh	993 9 4,598 647 4		
RUSK	kW kWh		kW kWh	5 2 15 6	kW kWh	251 1 753 2	kW kWh		kW kWh		kW kWh									
SAN SABA					kW kWh	-1 4 -4 1														
SCURRY	kW kWh	17 9 77,500 4	kW kWh	42 6 127 9	kW kWh	250 3 751 0	kW kWh		kW kWh		kW kWh	0 8 866 9	kW kWh	0 0 5,024 0						
SHACKLEFORD	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
SMITH	kW kWh	45 4 253,447 6	kW kWh	612 7 1,836 8	kW kWh	154 1 462 4	kW kWh	16 9 35 969 4	kW kWh	240 9 1,428 893 6	kW kWh	28 6 99,955 4	kW kWh	22 5 41,658 6	kW kWh	439 5 2,053,165 2				
STEPHENS	kW kWh	4 8 20 132 6	kW kWh	17 0 51 0	kW kWh		kW kWh		kW kWh		kW kWh	0 6 942 1								
TARRANT	kW kWh	2,614 4 3,984,035 6	kW kWh	84 3 397,761 7	kW kWh	10,259 3 30 778 5	kW kWh	14,587 6 43,762 5	kW kWh	7,905 9 14,256,352 3	kW kWh	1 930 8 12,057,437 3	kW kWh	174 0 576,821 9	kW kWh	289 8 955,119 6	kW kWh	808 5 1,544 923 8	kW kWh	8,916 7 41 641,494 3
TERRY	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
TOM GREEN	kW kWh		kW kWh		kW kWh		kW kWh		kW kWh		kW kWh									
TRAVIS	kW kWh	5 8 46,911 6	kW kWh	349 8 1,048 8	kW kWh	47 1 141 2	kW kWh	95 7 189,837 9	kW kWh	53 3 221,481 1	kW kWh	138 3 464,139 9	kW kWh	199 7 991,693 6						

TRINITY	kW kWh	kW kWh	kW kWh	kW kWh	0.5 1.5	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh			
UPTON	kW kWh	kW kWh	kW kWh	kW kWh		kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh			
VAN ZANDT	kW kWh	kW kWh	1.3 11,558.4	kW kWh	11.7 35.1	kW kWh	7.6 7,052.3	kW kWh	kW kWh	kW kWh	kW kWh	0.0 1,256.0			
WARD	kW kWh	kW kWh	0.7 5,724.3	kW kWh	9.5 28.7	kW kWh	1.2 3,125.0	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh			
WICHITA	kW kWh	kW kWh	122.8 698,856.3	kW kWh	341.9 1,025.7	2,810.1 8,430.3	kW kWh	213.6 408,999.6	74.8 513,774.4	kW kWh	15.3 51,057.2	62.1 217,452.3	1.0 986.8	kW kWh	225.4 1,066,784.0
WILLIAMSON	kW kWh	kW kWh	147.2 873,576.0	kW kWh	1,345.5 4,037.5	138.8 416.4	kW kWh	372.0 754,449.9	160.5 824,638.0	kW kWh	24.2 78,900.0	205.4 692,667.7	4.0 7,157.8	kW kWh	408.6 2,064,360.2
WINKLER	kW kWh	kW kWh		kW kWh	0.2 0.5	kW kWh		kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0.0 2,512.0	
WISE	kW kWh	kW kWh	2.4 22,049.3	kW kWh	59.2 177.5	103.0 308.9	kW kWh	27.7 54,191.7	24.2 154,270.4	kW kWh	25.5 84,174.8	16.3 54,942.6	kW kWh	0.0 6,280.0	
WOOD	kW kWh	kW kWh		kW kWh		kW kWh		kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh		
YOUNG	kW kWh	kW kWh	0.3 2,801.2	kW kWh	25.4 76.0	kW kWh	5.4 9,514.0	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	kW kWh	0.0 2,512.0	
Total Sum of kW		14,549	1,114	-	35,000	75,000	21,414	14,776	2,251	1,555	3,707	29,837			
Total Sum of kWh		20,952,752	5,646,892	435,190	104,999	225,000	39,869,056	69,110,224	7,262,460	5,261,327	6,756,162	139,872,303			

APPENDIX B: PROGRAM TEMPLATES

Oncor has no new Program Templates for 2021.

APPENDIX C: LIST OF 2020 ENERGY EFFICIENCY SERVICE PROVIDERS

Retail Products MTP

CLEARESULT Consulting

Commercial SOP

24 HOUR LTD

7-Eleven Inc.

A1 Electrical Services Inc.

Absolute HVAC LLC

Advantage AC Solutions

AEP Electrical Contractors Inc.

Air Conditioning Innovative Solutions, Inc.

Air Performance Service, Inc.

ALA LLC

Ally Energy Solutions, LLC

American Power Solutions, INC

American Wholesale Lighting Inc.

Andersen Regional Manufacturing, Inc.

Angel AC & Refrigeration

Angiel Electrical Construction Corporation

Aquila Environmental LLC

Archway LED of Houston, Inc.

ARIES CORPORATION

ASG Energy, LLC

Bambu Energy

Big Shine Worldwide Inc.

Bridgevue Energy Services, LLC

BriteSwitch, LLC.

BRUT Lighting, LLC

Burlington Coat Factory of Texas

Burton Energy Group LLC

C&C North America, Inc.

Cain Electrical Supply

Centrica Business Solutions Services Inc.

City of Killeen

City Park Construction, LLC

Cole Air Conditioning Company Inc.

Contemporary Energy Solutions

cVal Innovations LLC

Dal-Tile Corporation Inc.

Dalkia Energy Solutions LLC (formerly Groom)

DFW LED Lights LLC

DR Energy, LLC

Dunrite HVAC Services Inc.

Eco Engineering

Efficient Power Tech LLC

Ecentiv Energy, Inc.

Energy Audits of Texas

Energy Management Collaborative, LLC

Energy Rebates, LLC

Energy Solutions of Texas

Energybank Inc.

EnerNet Solutions LLC

ENGIE INsight Services Inc. (FKA Ecova Inc.)

Enoch Electric LLC

Entech Sales & Service

Environ Partners

Environmental Lighting Service, LLC

Equinix, LLC

Estes, McClure & Associates, Inc.

Everon Green Energy Resources LLC

Excel Energy Group, Inc.

Expert Services, LLC

Facility Solutions Group

Fairbanks Energy Services Inc.

Ferrara's Heating and Air Conditioning

Foxworth Capital, LLC

General Services Administration

Gexa Energy Solutions, LLC

Good Signature Management, L.L.C.

Graybar Electric Company, Inc.

Green Light National LLC

Greenleaf Energy Solutions LLC

Greenlogic Lighting & Electric, LLC.

H & H Sign Co. Inc.

Hargis Electric LLC.

Heat Transfer Solutions, Inc.

Heritage Institute of Sustainability

Hillsboro Independent School District

Home Improvement Systems, Inc.

Hood Service Company LLC

Hulen Mall, LLC

Hurst Electric, LP

Industrial Energy Services, Inc.

Intex Electrical Contractors Inc.

IoEnergy, Inc.

Johnson Controls Inc.

Just Energy New York Corp.

Kevco Electrical Construction, Inc.

KOHL'S Department Stores, Inc.

Kroger

L5E, LLC

Landlord Utility Management LLC dba JEC Energy Savings

LED of Houston

Lighting Expertise and Design Services, LLC

Lighting Services, Inc.

Lime Energy Services Company

Lochridge-Priest, Inc.

Lone Star Cold Storage, Inc.

Lowe's Home centers, Inc.

LumaNation Commercial, LLC

LUNA Energy Partners

Maintenance Resource, Inc.

Mark Henderson Electric Inc.

McKinstry Essention, LLC

McMillan James Equipment Company, L.P.

MD Engineering LP, LLP

MHSC Energy Management LLC

Motion Industries, Inc.

NATIONAL PRESORT, LP

National Retrofitting Group, LLC

Negawatt Partners, LLC

NexRev, Inc.

Next Step Energy Solutions

Niagara Bottling, LLC

NORDCO, Inc.

NuWave Energy Solutions, LLC

On-Site Lighting & Survey LLC

Commercial SOP cont.

Pacific Energy Concepts LLC
Parking Garage Solutions, LLC
PBK Architects, Inc.
Peak Power Partners
Plan B Remodeling Systems
Plano Independent School District
Prism Electric
ProSource Power LLC
RaceTrac Petroleum, Inc.
Rebate Bus, LLC
Redaptive Services, LLC
Regency Enterprises Inc. dba Regency Lighting
Rexel Holdings USA Corp
Rich Construction & Service LP
Richardson ISD
Robert Semerau
ROI Energy Investments LLC
Round Rock Independent School District
S3B construction LLC
San Miguel and Associates, Inc.
Saving Energreen Houses, LLC
Shelton Companies Inc.
Simon Property Group
Simon Property Group-Broadway Square
Sitelogiq
SLS Energy Solutions
SNBC, Inc.
Spark Lighting, LLC
SPF Facility Services LLC
Stephenville City Electric Inc.
Summit Electric Supply Co., Inc.
Summit Energy Services, Inc.
SUNDOG LED, LLC
Superior Group LLC
Superior Solutions Group
SYDMOR, Inc. dba Batteries Plus Bulbs
Target Corp
TCB Air Conditioning and Electric, INC
TDIndustries
Terrell Independent School District
Texas AirSystems LLC
Texas Energy & Automation Management Solutions, Inc.
Texas Maintenance Solutions
Texas Tech University Health Sciences Center
Texas Turnkey Energy Solutions, LLC.
The Ogni Group
Trane
Transformative Wave Technologies
Trinity Lighting and Electrical Services, LLC
TXU Energy Retail Company LLC
Us Energy Recovery
Vanguard Building Solutions, LLC
Verizon Corporate Services Group, Inc.
Voss Lighting
Waypoint Lighting LLC
WESCO Distribution, Inc.
Whatabrands LLC

WLS Lighting Systems

Residential Solar PV SOP

1 Solar Solution, LLC
4Q Power, Inc.
Advent Systems INC., DBA SolarTechs
Alba Energy LLC
Allegiance Solar, LLC
Arka Farms LLC
Awake Solar, LLC
Axiom Solar Inc.
Aztec Renewable Energy, Inc.
Blue Sky Solar and Roofing LLC
Byrd electric
CAM Solar, Inc.
Circle L Solar
Claud Elsom dba North Texas Solar
CRsolar Energy Solutions / CR-Invent LLC
Davis Electric Co.
Daybreak Solar Power, LLC
DFW SOLAR ELECTRIC, LLC
Diversified Wiring Solutions LLC
DKD Advertising
Earthwise Constructors Group Corp
Electric Distribution & Design Systems
Elevation Solar LLC
Ennis Products, Inc.
Escape 2 Renewables Inc.
Fisher Renewables LLC
Freedom Solar LLC
GFE Operations LLC
Good Faith Energy
Green Star Solutions, Inc.
Greenbelt Solar LLC
Greenhouse Solar LLC, DBA Infinity Solar
GreenLife Technologies, Inc.
Greenstar Power LLC
Hays Electrical Services, Inc.
HESolar LLC
i.e.s. residential
INFINITY SOLAR SOLUTIONS LLC
James Showalter
Kosmos Solar
Lighthouse Solar Austin
Longhorn Solar
Marc Jones Construction LLC
Native Inc.
Nia Power LLC
Now Energy LLC
O3 Home Solar
Peak Power Partners
Power On, Inc.
POWERCAP INVESTMENTS LLC
Pro Custom Solar LLC
RISE power, LLC
RonRush Investment DBA Universal Solar System
S&H Solar & Electric, LLC
Saibagavan Commercial Investment LLC
Self Reliant Solar LLC

Residential Solar PV SOP cont.

Silver Electric and Solar
 Solar CenTex LLC
 Solar Electrical & Retrofit Solutions, Inc.
 Solar SME, Inc.
 Solarize LLC
 Solartime USA LLC
 Solarugreen Corporation
 Solergy, LLC
 Speir Innovations LLC
 Spektra, LLC
 Standard Eco LLC
 Sun City Solar Energy-North Texas LLC
 Sunfinity Solar-TX, LLC
 Sunshine Renewable Solutions
 Texas Energy Experts
 Texas Solar Guys LLC
 Texas Solar Integrated LLC
 Texoma Solar Solutions LLC
 The Energy Shop, Inc.
 Thompson & Son Energy Solutions LLC
 Titan Solar Power TX, Inc.
 Tower Association Crue
 TriSMART Solar
 Veteran Supply Services, LLC
 Wells Solar & Electrical Services LLC
 West Texas Solar, LLC
 Wright-Way Solar Technologies, LLC

Commercial Solar PV SOP

I Solar Solution, LLC
 4Q Power, Inc.
 Alba Energy LLC
 Allegiance Solar, LLC
 Arka Farms LLC
 Awake Solar, LLC
 Axiom Solar Inc.
 Aztec Renewable Energy, Inc.
 Byrd electric
 CAM Solar, Inc.
 Circle L Solar
 Claud Elsom dba North Texas Solar
 CRSolar Energy Solutions / CR-Invent LLC
 cVal Innovations LLC
 Dale Shope Construction Inc.
 Davis Electric Co.
 Daybreak Solar Power, LLC
 DFW SOLAR ELECTRIC, LLC
 Diversified Wiring Solutions LLC
 DKD Advertising
 DubCo Solar
 Earthwise Constructors Group Corp
 East Wilco 95, LLC
 Electric Distribution & Design Systems
 Energylink LLC
 Ennis Products, Inc.
 Escape 2 Renewables Inc.
 Estes, McClure & Associates, Inc.
 Freedom Solar LLC

Gexa Energy Solutions, LLC
 GFE Operations LLC
 Good Faith Energy
 Green Star Solutions, Inc.
 Greenbelt Solar LLC
 Greenhouse Solar LLC, DBA Infinity Solar
 GreenLife Technologies, Inc.
 Hays Electrical Services, Inc.
 HESolar LLC
 Holtek Enterprises Inc. dba Holtek Solar
 INFINITY SOLAR SOLUTIONS LLC
 James Showalter
 Kosmos Solar
 Lighthouse Solar Austin
 Longhorn Solar
 McKinstry Essention, LLC
 Native Inc.
 Nia Power LLC
 O3 Home Solar
 Peak Power Partners
 POWERCAP INVESTMENTS LLC
 Rapid Power Management LLC
 Renewable design solutions
 Rich Construction & Service LP
 RISE power, LLC
 RonRush Investment DBA Universal Solar System
 S&H Solar & Electric, LLC
 Saibagavan Commercial Investment LLC
 Self Reliant Solar LLC
 Silver Electric and Solar
 Solar CenTex LLC
 Solar SME, Inc.
 Solarize LLC
 Solartime USA LLC
 Solarugreen Corporation
 Solergy, LLC
 Spektra, LLC
 Sun City Solar Energy-North Texas LLC
 Sunfinity Solar-TX, LLC
 Sunshine Renewable Solutions
 Texas Solar Guys LLC
 Texoma Solar Solutions LLC
 The Energy Shop, Inc.
 Thompson & Son Energy Solutions LLC
 Tower Association Crue
 W Energies Group Solar One, LLC.
 West Texas Solar, LLC
 Wright-Way Solar Technologies, LLC

Residential Load Management SOP

Ademco Inc.
 ecobee Inc.
 EnergyHub
 Reliant Energy Retail Services, LLC

Targeted Low-Income

EnerChoice LLC
 Texas Assoc. of Community Action Agencies, Inc.

Small Business Direct Install

Lime Energy Services Company

Hard-to-Reach SOP

A&E Home Insulation
A-K Home Energy
B & B Texas Contractors
Better Than Lights
Conergy
D & R Insulation
Dallas Insulation LLC
DeRocher Associates
E2 Conservation
Ecogreen Energy Solutions
Energy Audits of Texas
Garden of Eden
GNS Energy Efficiency
Home Improvement Systems, Inc.
JRosales & Associates LLC
LaRu Energy Solutions dba Air Conditioning Pros
Lu and Sons
NRG Pros
Plan B Remodeling Systems
Republic Heating & Air Conditioning, Inc.
River Builders & Associates, LLC
San Miguel and Associates, Inc.
Saving Energreen Houses, LLC
Saving Energy Solutions LLC

Home Energy Efficiency SOP

1st Choice Air Solutions, LLC
5 Star HVAC Contractors
A-Anderson Air, Inc.
ABC Heating & Air Conditioning Inc.
ABC Pest Control of Austin Inc. dba ABc Home & Commercial Service
ABC Pest Control of DFW Inc.
Absolute HVAC LLC
AC & Heat Solutions LLC
Adon Complete Property Solutions
Advent Air Conditioning Inc.
Aguilar's Heating & Air
Air Advantage, Inc.
Air Clinic Air Conditioning and Heating Inc.
Air patrol Air Conditioning
AirCo Ltd.
Airco Mechanical, Ltd
Aire Care Metro Energy Savers, Inc.
Aire Texas Residential Services Inc.
Airmasters Heating & AC Inc.
Airview A/C & Heating
All Tech Services, Inc.
American Air & Heat Co., Inc.
Amerson Ventures LLC
Angel AC & Refrigeration
Area Wide Services, Inc.
Arthur Hagar Corp
astar heat and air Inc.
Awesome Air & Heat Service

Baker Brothers Plumbing & Air
Bell County Universal Service
Berkeys LLC
Big D Aire LLC
Bill Cody and Sons Plumbing Company LLC
Bill Joplin's Air Conditioning and Heating
billygo DFW LLC
Blizzard Air
Bock Services LLC
Bolt Hold Co. II Service Experts
Bon Air Service Co. Inc.
Bradley Air Conditioning
Breeze Mechanical LLC
Burnside Air Conditioning, Heating and Indoor Air Quality
C&R Sales and Repairing, Inc.
CandelTech Inc.
Chrome Heating & Air Conditioning, LLC
Cody Moreno
Cold Factor Heating & Air Services LLC
Cole Air Conditioning Company Inc.
Compass Air Services, Inc.
Complete Cool Air
Cool Tech Mechanical
Coomes Air Conditioning & Heating Service Inc.
cotes mechanical
Coventry & Gattis Air Conditioning, Inc.
Crawford Services
D T Air Conditioning & Heating Inc.
D. Penguin Services, INC
Dallas Air Solutions
Dallas Plumbing Company
Dallas Unique Indoor Comfort LTD dba On Time Experts
Danco Comfort Services
David Kampfenkel
DeRocher Associates
DFW Metro Air Conditioning LLC
Dial One Johnson Plumbing, LLC
Domani Comfort Partners LLC
DR Energy, LLC
Dunrite HVAC Services Inc.
Ecoenergy Conservation Group, LLC
Ellis Air LLC
ElstonAire, Inc.
EnerChoice LLC
Enoch Electric LLC
Evenaire LLC
Evergreen Heating and Air, Inc.
Extreme Comfort Air Conditioning & Heating, LLC
Extreme Mechanical Service Inc.
Ferguson Veresh Inc.
Firehouse Heating and Air
Forney Air LLC
Freedom Heating & Air LLC.
Frymire Home Services
Garza & Sotka Enterprises LLC dba Air Masters
Glenn Aire Company
Gorman Mechanical, Inc.

Home Energy Efficiency SOP cont.

Green Leaf Corporation
Gregg Air LLC
Hargrove-Neel, Inc.
Harris Air Services, LLC
Hightower Service, Inc.
Hobbs Heating & Air Inc.
Hobson Air Conditioning Inc.
Home Improvement Systems, Inc.
Honest Air Conditioning LLC
Hood Service Company LLC
Houk Air Conditioning Inc.
HSA, LLC
Hufsey Mechanical Inc. DBA One Hour A/C and Heating
Hunter Super Techs Service Corporation DBA Sunny Service
Infinity Texas Mechanical Inc.
Integrity Air Conditioning, LLC
Intelligent Air Services, LLC
J & J Air Conditioning, Inc.
JAK Services
James Lane Air Conditioning Company Inc.
Jesus Garcia and Sons
Johns Heating & Air Conditioning
Jomira LLC
K Saunders Company
K&S Heating and Air Conditioning Corp.
KCG Enterprises, LLC
Keller Heating and Air Conditioning Services, LLC
LaRu Energy Solutions dba Air Conditioning Pros
Lightfoot Mechanical, Inc.
Mascot Mechanical LLC
Master Tech Service Corp
Matco of Texas, Inc.
Mathis Air & Heat LLC
McCullough Heating & Air Conditioning, Inc.
McDaniel & Son Plumbing, Inc.
McWilliams & Son, Inc.
Metro Environmental Services Co., Inc.
Metro Express Service LLC
MGR Enterprises
Michael Watkins DBA Four Seasons Air Systems
Milestone Electric Inc.
Mondragon Mechanical
Montgomery HVAC Service Co, LLC
North Texas Air, LLC.
Northside A/C GP, LLC
On The Spot HVAC
P and E Mechanical
Peregrino Enterprises, LLC dba Daffan Mechanical
Performance Heat and Air Inc.
Plano Maintenance Inc.
Polansky Sales and Service Inc.
Premier Air Service
Professional HVAC Repair and Supply Inc.
Putnam Air & Electric, LLC
Quigley Heating and Air Conditioning of Dallas
Ratterree Heat & Air

Reliant Heating & Air Conditioning, Inc.
Republic Heating & Air Conditioning, Inc.
Rescue Air, LLC
Robert Berry
Robert Gaston
Rohde A/C & Heating, LLC
SA&H Western Holdings, LLC
Samm's Heating and Air Conditioning
Sarif LLC
Sergio Perez
Serveway Heating and Air Conditioning
Service Experts Heating & Air Conditioning
Service Wizard, Inc.
SEST INC.
Smart Air Service Co., Inc.
SOS Mechanical, LLC
Southern Air Services LLC
Southern Comfort Mechanical
State AC, Inc. dba Air Control
StevenSons Heating & Air Conditioning, Inc.
Taylormade Heat and Air
Tempo Mechanical Services
Texas Air Doctors
Texas Airzone LLC.
Texas Pride HVAC, LLC
The Bosworth Company, Ltd dba The Darville Company
The Right Choice Heating & Air Inc.
Toler Air Care Today LLC
Tom's Mechanical, Inc.
Total Air and Heat Co
Tower Association Crue
Tri-County Air Care, LLC
Triple A Air Conditioning
Trudela Walker, LLC
Tuffy's Air Conditioning & Heating Service Inc.
Ugotem LLC DBA Texas Ace Heating & Air
Veterans AC & Heating
W&B, Inc. dba All Service Heating and Air
Weston Company A/C & Heat
Willard Heating and Air Conditioning Company Inc.
Wortham A/C, Inc.

Commercial Load Management

Amerex Brokers LLC
Bridgevue Energy Services, LLC
Cenveo Corporation
Christ United Methodist Church
Dal-Tile Corporation
Doskocil Manufacturing Company, Inc.
ENEL X NORTH AMERICA INC
Enerwise Global Technologies, Inc. D/B/A CPower
GridBeyond, LLC
L5E, LLC
Links EP LLC
MJB Wood Group
MP2 Energy, LLC
NCH Corporation
North Texas Municipal Water District

Commercial Load Management cont.

NRG Curtailment Solutions Inc.

Plains Pipeline, L.P.

Target Corp

Tierpoint Texas LLC

Verdigris Energy

Voltus, Inc.

Retro-commissioning MTP


Michaels Energy, Inc.

Commercial HVAC Distributor MTP

ICF Resources LLC

ATTESTATION STATEMENT

Pursuant to P.U.C. Subst. R. 25.71(d), I attest that the information provided in this Amended 2021 Energy Efficiency Plan and Report has been reviewed internally for accuracy and I have the authority to make this report on behalf of Oncor Electric Delivery.



Darryl Nelson

_____ March 31, 2021
Date