
TO: Public Utility Commission of Texas and Texas Electric Utilities

FROM: Beau Blankenship and Lark Lee, Tetra Tech

SUBJECT: Docket 56768, Program Year (PY) 2026 Texas Technical Reference Manual Version 13.0

DATE: November 7, 2025

The Public Utility Commission of Texas (PUCT) contracted with Tetra Tech to provide evaluation, measurement, and verification (EM&V) of the investor-owned electric utilities' (utilities) energy efficiency programs.¹ Maintenance of the statewide Texas Technical Reference Manual (TRM) is one of the primary objectives of the EM&V team.

This memo summarizes the updates for Texas TRM Version 13.0 for the program year (PY) 2026 (PY2026) (PY2026 TRM 13.0).

PY2026 TRM KEY HIGHLIGHTS



Increases insulation opportunities for small business and multi-family programs

- More measured savings opportunities for residential insulation, especially for top-performers.



Promote faster adoption of heat pumps over electric resistance HVAC for multi-family new construction

- TRM winter peak analysis demonstrated the benefits of replacing electric resistance with heat pumps across all Texas climate zones; identified the newly added variable speed heat pump measure most suitable for Climate Zone 1 ("the Panhandle").



Expands claimed savings pathways for residential HVAC tune-ups while improving savings accuracy

- Five unique pathways to continue tune-up market momentum and align measured savings to claimed savings.

¹ The Texas investor-owned utilities in ERCOT include American Electric Power Texas, CenterPoint Energy Houston Electric, LLC, Oncor Electric Delivery Company, LLC, and Texas-New Mexico Power Company. The Texas investor-owned utilities outside of ERCOT include Entergy Texas, Inc., El Paso Electric Company, Southwestern Electric Power Company, and Xcel Energy Southwestern Public Service Company.

TRM Overview

Commission staff, the EM&V team, the utilities, and the utilities' contractors work collaboratively to prioritize and implement updates (referred collectively as "the TRM Working Group"). Public input for new measures or updates is solicited in the Spring of each year. Following the TRM Working Group's updates, public input is once again solicited in the Fall as part of the Fall Energy Efficiency Implementation Project (EEIP) meeting.

The TRM has five volumes:

Volume 1: TRM Overview and User Guide covers the process for TRM updates, version roll-outs, weather zones, TRM structure, and the format of the TRM measure overviews.

Volume 2: Residential Measures contains the measure descriptions and deemed savings estimates for measures installed in residential dwellings.

Volume 3: Nonresidential Measures contains the measure descriptions and deemed savings estimates for measures installed in nonresidential facilities.

Volume 4: M&V Protocols has standardized measurement and verification (M&V) protocols for technologies and new program types.

Volume 5: Implementation Guidance contains EM&V recommendations regarding program implementation that may affect claimed savings. Volume 5 also includes the single and multifamily Low-Income (LI)-Eligible Verification Forms.

PY2026 TRM 13.0 Call for Updates

Commission staff issued a call for PY2026 TRM updates at the spring EEIP meeting held on February 26, 2025, with a follow-up email to the EEIP listserv on April 14, 2025. Suggestions were submitted by May 1. Table 1 lists TRM suggestions received for PY2026 TRM 13.0. Suggestions not incorporated into PY2026 TRM 13.0 scope are documented in the TRM tracker repository for consideration in future updates.

EEIP Review Comments

The EEIP Stakeholders' comment period for PY2026 TRM 13.0 ended on October 24, 2025. A summary of the review comments on the PY2026 TRM 13.0 and EM&V responses are included below.

Table 1. Stakeholders' Suggestions Incorporated in PY2026 TRM v13.0

TRM volume	Measure	Description	Originator
2	2.1.1 GSL LEDs 2.1.2 Specialty LEDs	Update ISRs for consistency with IL TRM v13 and Tetra Tech evaluation findings.	EUMMOT
2	2.2.2 Central and Mini-Split ACs & HPs	Updated new construction: Multifamily building type HSPF baseline efficiency.	Multiple Vendors*
3	2.1.1 Lamps and Fixtures	Updated Texas Efficiency website link to standard wattage table.	EUMMOT
3	2.1.1 Lamps and Fixtures	Added language to the baseline condition section to clarify eligibility of LED-to-LED replacements.	EUMMOT

TRM volume	Measure	Description	Originator
3	2.2.9 High-Volume Low-Speed Fans	Corrected typos and clarified units in algorithm.	Implementer*
3	2.3.3 Entrance and Exit Door Air Infiltration	Adjusted savings normalization from per-standard-door to treatment type (weatherstripping, door sweep, entire door). Updated curve fits developed from ASHRAE CLCM. Adjusted assumed heating setpoints. Removed ¾" gap savings.	Implementer*
3	Retrofit Doors for Open Refrigerated Cases	Added new measure.	ETI
4	Compressed Air Leak Repair & Sealing	Added new measure.	SWEPCO

* Recommendations from stakeholders other than EUMMOT or an utility were submitted to the PUCT in Project Number 56768. The reader is referred to Project No. 56768 for the implementer and vendor filings.

PY2026 TRM 13.0 Updates Summary

All TRM measures are summarized in the tables that follow. PY2026 TRM 13.0 updates and additions made in Volumes 1, 2, 3, 4, and 5 are summarized in Tables 2, 3-7, 8-13, 14, and 15, respectively. Measures with no revisions are marked as such.

Table 2. Overview and User Guide PY2026 TRM 13.0 Volume 1 Updates

Section	Guidance category	13.0 update
Weather Data for Weather-Sensitive Measures	History and Status of Weather Station Applications	Updated from "TMY3 and TMY2022" to "TMY3 and TMYx" to be allowable for custom energy efficiency calculations.
Peak Demand Definitions	Peak Probability Analysis (PPA) Tables	Incremented climate zones 3 and 4 summer and winter peak hours by -1 to correct a previous transcription error.
Structure & Content	Measure Codes	Added new measures and reordered as necessary.

Table 3. Residential PY2026 TRM 13.0 Volume 2 Updates by Measure—Lighting

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Lighting	General service LED lamps	–	–	X	–	–	<ul style="list-style-type: none"> Updated in-service rates; Updated guidance for determining LED eligibility and rated wattage.
	Specialty and directional LED lamps	–	–	X	–	–	<ul style="list-style-type: none"> Updated in-service rates; Updated guidance for determining LED eligibility and rated wattage.
	LED nightlights	–	–	X	–	–	No revision.

Table 4. Residential PY2026 TRM 13.0 Volume 2 Updates by Measure—HVAC

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
HVAC	Air conditioner or heat pump tune-up	–	–	X	–	–	No revision. PY2024 tune-up consumption analysis supports Volume 2 savings algorithm.
	Central mini-split air conditioners and heat pumps	–	–	X	–	–	Updated new construction: Multifamily building type HSPF baseline efficiency.
	Room air conditioners	–	–	X	–	–	<ul style="list-style-type: none"> • Updated early retirement age eligibility; • Delayed enforcement of new federal standard until PY 2027; • Clarified documentation requirements.
	Packed terminal heat pumps	–	–	X	–	–	Updated Effective Useful Life (EUL) to align with current PTAC federal standard.
	Ground source heat pumps	–	X	X	–	–	Updated documentation requirements to allow third-party certification.
	Large-capacity split-system and single-package air conditioners and heat pumps	–	–	X	–	–	Updated EUL to match the Residential Central AC and HP measure.
	Evaporative cooling	–	X	–	–	–	No revision.
	ENERGY STAR® connected thermostats	–	X	–	–	–	<ul style="list-style-type: none"> • Confirmed active ENERGY STAR® QPL; • Updated documentation requirement to allow other third-part certification.
	Smart thermostat load management	–	X	–	–	–	Measure to be archived.
Duct sealing	–	–	X	–	X	No revision.	

Table 5. Residential PY2026 TRM 13.0 Volume 2 Updates by Measure—Building Envelope

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Building envelope	Air infiltration	–	X	–	–	X	No revision.
	Ceiling insulation	–	X	–	–	–	Added eligibility for additional savings path using consumption data.
	Attic encapsulation	–	X	–	–	–	Added eligibility for additional savings path using consumption data.
	Wall insulation	–	X	–	–	–	No revision.
	Floor insulation	–	X	–	–	–	No revision.
	Duct insulation	–	X	–	–	–	No revision.
	Radiant barriers	–	X	–	–	–	No revision.
	Cool roofs	–	X	–	–	–	No revision.
	Solar screens	–	X	–	–	–	No revision.
	ENERGY STAR® windows	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
ENERGY STAR® Low-E storm windows	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.	

Table 6. Residential PY2026 TRM 13.0 Volume 2 Updates by Measure—Domestic Hot Water

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Domestic water heating	Water heater installation—electric tankless and fuel substitution	–	–	X	–	–	No revision.
	Heat pump water heaters	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	Solar water heaters	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	Water heater tank insulation	–	X	–	–	–	No revision.
	Water heater pipe insulation	–	–	X	–	–	No revision.
	Faucet aerators	–	–	X	–	–	No revision.
	Low-flow showerheads	–	–	X	–	–	No revision.
	Showerhead temperature-sensitive restrictor valves	–	–	X	–	–	No revision.
	Tub spout and showerhead temperature-sensitive restrictor valves	–	–	X	–	–	No revision.
	Water heater temperature setback	–	–	X	–	–	No revision.

Table 7. Residential PY2026 TRM 13.0 Volume 2 Updates by Measure—Appliances

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Appliances	ENERGY STAR® ceiling fans	–	–	X	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® clothes washers	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® clothes dryers	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® dishwashers	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® refrigerators	–	–	X	–	X	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® freezers	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	Refrigerator/ freezer recycling	X	–	X	–	–	No revision.
	ENERGY STAR® air purifiers	–	X	–	–	–	<ul style="list-style-type: none"> • Updated baseline to Tier 2 federal standard; • Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® dehumidifiers	–	X	–	–	–	<ul style="list-style-type: none"> • Updated efficient case to latest ENERGY STAR specification; • Verified active ENERGY STAR-

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
							qualified product listing and updated documentation requirements.
	ENERGY STAR® ventilation fans	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® water coolers	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	ENERGY STAR® pool pumps	–	–	X	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements..
	Advanced power strips	–	X	–	–	–	No revision.
	ENERGY STAR® electric vehicle supply equipment	–	X	–	–	–	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
	Induction cooking	–	X	–	–	–	No revision.

Table 8. Nonresidential PY2025 TRM 13.0 Volume 3 Updates by Measure—Lighting

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Lighting	Lamps and fixtures	–	–	X	X	X	<ul style="list-style-type: none"> • Clarified agricultural building type application; • Added language to address LED to LED replacements; • Added 24-hour warehouse building type; • Updated baseline assumptions for upstream/midstream lighting measures.
	Lighting controls	–	–	X	X	X	No revision.
	Exterior photocell and time clock repair	–	–	X	X	X	No revision.
	LED traffic signals	–	–	X	X	X	No revision.

Table 9. Nonresidential PY2026 TRM 13.0 Volume 3 Updates by Measure—HVAC

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
HVAC	Air conditioning and heat pump tune-ups	–	–	X	–	X	No revision.
	Split and packaged air conditioners and heat pumps	–	–	X	X	X	<ul style="list-style-type: none"> • Updated evaluation requirements to support a reduced heating baseline for ER heat; • Capped all CFs at 1.

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
	HVAC chillers	–	–	X	X	X	Added eligible building types.
	Package terminal air conditioners/heat pumps and room air conditioners	–	–	X	X	X	Updated EUL to align with current PTAC federal standard.
	Computer room air conditioners	–	–	X	X	–	No revision.
	Computer room air handler motor efficiency	–	–	X	X	–	No revision.
	HVAC variable frequency drives	–	X	X	–	–	<ul style="list-style-type: none"> • Added an equivalent option for alternate motor control systems that react to environmental sensors; • Added winter kW savings for all applications; • Updated summer kW savings to align with Volume 1 updates; • Adjusted model year parameters.
	Condenser air evaporative pre-cooling	–	–	X	–	X	No revision.
	High-volume low-speed fans	–	–	X	–	–	Corrected typos and clarified units in algorithm.
	Small commercial evaporative cooling	–	X	X	–	–	No revision.
	Small commercial smart thermostats	–	–	X	X	X	No revision.

Table 10. Nonresidential PY2026 TRM 13.0 Volume 3 Updates by Measure—Building Envelope

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Building envelope	Cool roofs	X	–	X	X	–	Updated documentation requirements to only require roofing product rated life when available.
	Window treatments	X	–	X	X	–	No revision.
	Entrance and exit door air infiltration	–	X	X	–	–	<ul style="list-style-type: none"> Adjusted savings normalization from per-standard-door to treatment type (weatherstripping, door sweep, entire door); Updated curve fits developed from ASHRAE CLCM; Adjusted assumed heating setpoints; Removed ¾" gap savings.
	Commercial Ceiling Insulation	–	–	X	–	–	New measure introduced in TRM v13.0 based on IL TRM Roof Insulation for C&I Facilities measure.

Table 11. Nonresidential PY2026 TRM 13.0 Volume 3 Updates by Measure—Food Service

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Food service	ENERGY STAR® combination ovens	–	X	X	–	–	<ul style="list-style-type: none"> Updated CF for Education building types; Simplified savings estimates to three categories.
	ENERGY STAR® electric convection ovens	–	X	X	–	–	Updated CF for Education building types.

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
	ENERGY STAR® electric deck ovens	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® dishwashers	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® electric griddles	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® electric fryers	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® electric steam cookers	–	X	X	–	–	Updated CF for Education building types.
	Contact conveyor toasters	–	X	X	–	–	Updated CF for Education building types.
	Radiant conveyor toasters	–	X	X	–	–	No revision.
	ENERGY STAR® hot food holding cabinets	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® refrigerated chef bases	–	X	X	–	–	Updated CF for Education building types.
	ENERGY STAR® ice makers	–	X	X	–	–	<ul style="list-style-type: none"> • Updated CF for Education building types; • Revised demand factors and demand calculation formula.
	ENERGY STAR® induction cooktops	–	X	X	–	–	<ul style="list-style-type: none"> • Updated CF for Education building types; • Clarified deemed savings table units; • Updated documentation requirements.
	Induction soup wells	–	X	X	–	–	Updated CF for Education building types.

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
	Demand controlled kitchen ventilation	–	X	X	–	–	Updated CF for Education building types.
	Pre-rinse spray valves	–	X	X	–	–	No revision.
	Vacuum-sealing and packaging machines	–	X	–	–	–	No revision.
	Hand wrap machines	–	X	–	–	–	No revision.

Table 12. Nonresidential PY2026 TRM 13.0 Volume 3 Updates by Measure—Refrigeration

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Refrigeration	Door heater controls	–	X	X	–	–	No revision.
	ECM evaporator fan motors	–	–	X	–	–	No revision.
	Electronic defrost controls	–	–	X	–	–	No revision.
	Evaporator fan controls	–	–	X	–	–	No revision.
	Night covers for open refrigerated display cases	–	X	X	–	–	No revision.
	Solid and glass door reach-ins	–	–	X	–	–	No revision.
	Strip curtains for walk-in refrigerated storage	–	X	–	–	–	No revision.
	Zero-energy doors for refrigerated cases	–	X	X	–	–	No revision.
	Door gaskets for walk-in and reach-in coolers and freezers	–	X	X	–	–	No revision.
	High-speed doors	–	X	X	–	–	No revision.

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
	for cold storage						
	Retrofit doors for open refrigerated display cases	–	X	X	–	–	New measure introduced in TRM v13.0 as requested by ETI and based on IL TRM.

Table 13. Nonresidential PY2026 TRM 13.0 Volume 3 Updates by Measure—Water Heating and Miscellaneous

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
Water heating	Heat pump water heaters	–	–	X	–	–	Revised seasonal peak coincidence factors.
	Central domestic hot water controls	–	X	X	–	–	No revision.
	Showerhead temperature sensitive restrictor valves	–	–	X	–	–	No revision.
	Tub spout and showerhead temperature sensitive restrictor valves	–	–	X	–	–	No revision.
Miscellaneous	Variable frequency drives (VFDs) for water pumping	–	X	X	–	–	No revision.
	Premium efficiency motors	–	–	X	–	–	No revision.
	Pump-off controllers	–	X	X	–	–	No revision.
	ENERGY STAR® pool pumps	–	X	X	–	–	No revision.
	Lodging guest room occupancy sensor controls	–	X	–	–	–	Cited new construction code requirement.
	Vending machine controls	–	X	X	–	–	No revision.
	Computer power	–	X	X	–	–	No revision.

Measure category	Measure description	Point estimates	Deemed savings tables	Savings algorithm	Calculator	M&V	13.0 update
	management						
	ENERGY STAR® electric vehicle supply equipment	–	X	X	–	–	No revision.
	Industrial high-frequency battery chargers	–	X	X	–	–	No revision.
	Steam trap repair and replacement	–	X	X	–	–	No revision.
	Hydraulic gear lubricants	–	–	X	–	–	No revision.
	Hydraulic oils	–	–	X	–	–	No revision.
	Hand dryers	–	X	X	–	–	<ul style="list-style-type: none"> Removed Interactive effects factors from demand and energy savings calculations; Updated deemed savings tables based on updated calculations.
	Laser projectors	–	–	X	–	–	No revision.
	Water Pumps	–	–	X	–	–	No revision.

Table 14. M&V Protocols PY2026 TRM 13.0 Volume 4 Updates by Measure

Sector	Measure category	Measure description	13.0 update
Residential	HVAC	Variable speed heat pumps	Revised eligibility criteria of multi-speed compressors.
Residential/ nonresidential	HVAC	Air conditioning tune-ups	Expanded calculation of savings to include multiple M&V pathways: <ul style="list-style-type: none"> Assigned existing calculation methodology as Option A with increased M&V requirement and retrospective adjustment of savings at the end of the program year, taking into account the current program year M&V.

Sector	Measure category	Measure description	13.0 update
			<ul style="list-style-type: none"> ○ Increased M&V can serve as project verification in lieu of photo documentation • Added streamlined Option A with factors calculated based on the PY2024 consumption analysis results, <ul style="list-style-type: none"> ○ Utilities set their own verification requirements for QA/QC and to provide for EM&V team projects sampled for desk reviews • Added Option B for short-term continuous measurement • Added Option C for whole facility regression analysis. • Restricted automatic allowance for sampling to Options B and C. • Adjusted calculation to use SEER rather than EER
Nonresidential	HVAC	Ground source heat pumps	No revision.
Nonresidential	HVAC	Variable refrigerant flow systems (VRF)	No revision.
Nonresidential	HVAC	Dedicated outdoor air systems (DOAS)	No revision.
Residential	Whole house	Residential new construction	Clarified baseline paths.
Residential	Whole house	Smart home energy management system (SHEMS)	No revision.
Residential	Building energy codes	Residential energy code compliance enhancement	No revision.
Residential and nonresidential	Renewables	Residential and nonresidential solar photovoltaics	No revision.
Residential and nonresidential	Renewables	Solar shingles	No revision.
Residential	Renewables	Solar attic fans	No revision.
Nonresidential	Miscellaneous	Behavioral	<ul style="list-style-type: none"> • Adjusted savings to use actual post-install consumption and modeled pre-install consumption;

Sector	Measure category	Measure description	13.0 update
			<ul style="list-style-type: none"> In Volume 1, adjusted the normalization files to TMY3 or TMYx.
Nonresidential	Miscellaneous	Air compressors less than 75 hp	No revision.
Nonresidential	Miscellaneous	Nonresidential custom	No revision. In Volume 1 adjusted the normalization files to TMY3 or TMYx.
Nonresidential	Miscellaneous	Nonresidential measurement and verification	<ul style="list-style-type: none"> Updated program delivery type to include Energy Management; In Volume 1 adjusted the normalization files to TMY3 or TMYx.
Nonresidential	Miscellaneous	Energy storage	Removed EUL language not applicable to this measure.
Nonresidential	Miscellaneous	ENERGY STAR® Uninterruptible power supply	Verified active ENERGY STAR-qualified product listing and updated documentation requirements.
Nonresidential	Miscellaneous	Low pressure irrigation	No revision.
Nonresidential	Miscellaneous	Irrigation pump variable speed drive (VFD)	No revision.
Nonresidential	Miscellaneous	Compressed air leak repair & sealing	New measure introduced in TRM v13.0 as proposed by SWEPCO based on MN TRM.
Residential	Load management	Residential load curtailment	<ul style="list-style-type: none"> Added calculation method for winter residential load management as one utility is offering this program. Added calculation example with a negative additive adjustment for summer load management. Provided guidance on how to calculate savings for meters with missing data.
Nonresidential	Load management	Nonresidential load curtailment	<ul style="list-style-type: none"> Clarified language about High X of Y to select the same baseline days for all participants of the same event and how to calculate kW and kWh savings for multiple events. Added a calculation example with a negative additive adjustment and guidance on additional test events for new participants.

Table 15. Implementation Guidance PY2026 TRM 13.0 Volume 5 Updates by Sector

Sector	Guidance category	13.0 update
Commercial	Project documentation	No revisions.
Commercial	Incentives and claimed savings	No revisions.
Commercial	New Construction	No revisions.
Low-Income	Income-eligible verification forms	LI verification forms will be updated in 2026 once the federal poverty income levels are released for 2/1/2026–1/31/2027.
Low-Income	Audit lists for LI	No revisions.
Cross-sector	Load management programs	No revisions.
Cross-sector	Commercial and residential HVAC split systems without AHRI certification	No revisions.
Cross-sector	Data model	No revisions.
Natural Disasters	Program re-participation eligibility	Section introduced in TRM v13.0.
Low-Income	Appendix A	LI verification forms will be updated in 2026 once the federal poverty income levels are released for 2/1/2026–1/31/2027.

GLOSSARY: ACRONYMS/ABBREVIATIONS/DEFINITIONS

Acronym	Description
AC	Air conditioner
AEP Texas	American Electric Power Texas
AHRI	Air Conditioning, Heating, and Refrigeration Institute
C&I	Commercial and industrial
CF	Coincidence factor
CMTF	Commercial market transformation program
CNP	CenterPoint Energy Houston Electric, LLC
CSOP	Commercial standard offer program
DHP	Ductless heat pump
DI	Direct install
DLC	DesignLights Consortium
ECM	Energy conservation measure
EECRF	Energy efficiency cost recovery factor
EEIP	Energy Efficiency Implementation Project
EEPR	Energy Efficiency Plan and Report

Acronym	Description
EESP	Energy efficiency service provider
EISA	Energy Independence and Security Act of 2007
EM&V	Evaluation, measurement, and verification
EPE	EI Paso Electric Company
ER	Early replacement
ERCOT	Electric Reliability Council of Texas
ERS	Emergency Response Service
ESCO	Energy service company
ESIID	Electric service identifier ID
ESNH	ENERGY STAR® New Homes
ETI	Entergy Texas, Inc.
EUL	Estimated useful life
EUMMOT	Electric Utility Marketing Managers of Texas
GSHP	Ground-source heat pump
GW	Gigawatt
GWh	Gigawatt-hour
HCIF	Heating/cooling interactive factor
HOU	Hours of use
HTR	Hard-to-reach
HVAC	Heating, ventilation, and air conditioning
IECC	International Energy Conservation Code
IPMVP	International Performance Measurement and Verification Protocol
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light emitting diode
LI	Low-income
LI/HTR	Low-income/hard-to-reach
LM	Load management
M&V	Measurement and verification
mcf	1,000 cubic feet
MF	Multifamily
MTP	Market transformation program
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-gross
Oncor	Oncor Electric Delivery Company LLC
PUCT	Public Utility Commission of Texas
PV	Photovoltaics
PY	Program year
QA/QC	Quality assurance/quality control
QPL	Qualified Products List
RCx	Retro-commissioning

Acronym	Description
RFP	Request for proposal
RMTP	Residential market transformation program
ROB	Replace-on-burnout
RSOP	Residential standard offer program
SEM	Strategic energy management
SIR	Savings-to-investment ratio
SOP	Standard offer program
SRA	Self-report approach
SWEPCO	Southwestern Electric Power Company
TEESI	Texas Energy Engineering Services, Inc.
TMY	Typical meteorological year
TNMP	Texas-New Mexico Power Company
TRM	Technical reference manual
WACC	Weighted average cost of capital
Xcel SPS	Xcel Energy Southwest Public Service, Inc.