ENERGY EFFICIENCY

Measure File Guide

HVAC - Chiller

January 2025

ONCOR®
TAKE A LOAD OFF, TEXAS

Energy Efficiency Project Process

Oncor

Service Provider

IA Phase

Create project in EEPM account. Enter each Customer site using last 7 digits of 17 digit ESIID.

Enter project data in Measure File.

Submit IA to Oncor after Host Customer Agreement is signed and uploaded to EEPM.

PM Review and Approval.

FA Phase

For Early Retirement (ER) units, take and label Pre-Install Photos of existing unit nameplate and unit profile.

Consolidate all ER photos in a single PDF file and upload to EEPM.

Upload additional documents required, such as manufacturer specifications at AHRI conditions.

Submit FA to Oncor.

PM Review.

For ER units, Pre-Inspection of existing pre-equipment to determine operability. (Pass/Fail)

PM Reviews and Approves FA if project passes pre-inspection. Measure file updated to reflect inspection results.

IN Phase

E-Sign Reservation of Funds Agreement. After Oncor RFA signature, project moves to IN Open status and SP can begin measure installation.

Take & label Post-Install Photos of new unit nameplate and unit profile. Consolidate all photos in a single PDF file & upload to EEPM.

Upload photos and additional documents, such as signed Installation Notice (IN), Project Invoice, and manufacturer simulation at AHRI conditions. Consolidate each respective document category in a single PDF file.

Submit IN to Oncor.

PM Review.

Post-Inspection of installed post-equipment. (Pass/Fail)

PM Reviews and Approves IN if project passes post-inspection. Measure file updated to reflect inspection results.

SR Phase

After project moves to SR Open status in EEPM, sign Savings Report and submit SR to Oncor.

PM will approve project for incentive payment.

IA Phase – Measure File

1 **Site Information**

Site

Serial #	Site Name*	Site Line Item Or…	Cooling Equip #*	Room location/floor	Building Type*
1	Example	1	NTEP-CH-9	CUP	Healthca…
	Total No of Sites: 1				

1. **Site Information:** Includes the Site Name, Line Item, Cooling Equipment # (useful in labeling inspection photos), Room location/floor, and Building Type. If unsure about the Building Type, contact the Project Manager.
2. **Cooling Equipment Type:** Select the HVAC equipment technology being installed.
3. **Model and Serial # (Pre):** Must be provided for all units being removed.

Pre Retrofit Equipment Information

Pre Retrofit Equipment Information

2 Cooling Equip Type*	Existing Unit Year Installed	Manufacturer	3 Model	Serial #	Tonnage: Cooling (Tons)	Tonnage: Heating (Tons)	DX HP Systems <5.4 Select Split/Pac…	Early Retirement Efficiency: Full Load (kW/Ton)	Early Retirement Efficiency: Part Load (kW/Ton)	Early Retirement Efficiency: Heating (COP)	ROB/NC Efficiency: Full Load (kW/Ton)	ROB/NC Efficiency: Part Load (kW/Ton)	ROB/NC Efficiency: Heating (COP)
Centrifugal …	2002	York	YK TH VD J4-DH E	SLLM-799320	2,500	0		0.576	0.549	0	0.56	0.5	0

Post Equipment Information

Post Equipment Information

Cooling Equip Type*	Manufacturer	4 Model	Serial #	5 Installed Tonnage: Cooling Capacity Type	Cooling Capacity Unit	Cooling (Ton or Btu/hr)	Heating Capacity Type	Heating Capacity Unit	Heating (Ton or Btu/hr)	6 Installed Efficiency: Full Load Rating Format*	Full-Load Efficie… Rating (in EER, kW/ton)*	Part Load Rating Format*	Part Load Efficie… Rating (in SEER, IEER,k…	Heating Rating Format	Heating Efficie… Rating (in HSPF or COP)
Centrifugal …	York	YK	TBD	Tons	2,975	35700000			0	KW/Ton	0.5589	KW/Ton	0.3262		

Installed Efficiency (in KW/Ton)

Full Load (kW/Ton)	Part Load (kW/Ton)	Heating (kW/Ton)	Building Description	Primary Business Activity	Operat… Hours	HVAC Operat… Hours	Combi… HP for Conde… Water Pumps & CT Fans
0.5589	0.3262	0					

4. **Model and Serial # (Post):** Must match inspection photos and AHRI certificate/simulation for installed equipment.
5. **Cooling Capacity Type:** Net total cooling capacity in tons.
6. **Installed Efficiency:** Should reference the manufacturer simulation at AHRI conditions.

FA Phase – Pre-Inspection

The following is required:

1. **Photo of Name Plate and Profile:** Please label each picture with the Measure Item from the Measure File. Compile all photos into a single PDF document to upload to EEPM for Pre-Inspection Desk Review.
    - If units are considered Early Retirement (ER), include a photo of the load display and/or set point to demonstrate operability.
2. **Equipment specification sheet:** Used to verify equipment characteristics.
3. **Supporting Documentation:** For units 20 ton or below, attach AHRI certificate. For units above 20 tons, include manufacturer specifications showing unit performance at AHRI conditions.

IN Phase – Post-Inspection

The following is required:

1. **Photo of Nameplate and Profile:** Please label each pictures with the Measure Item from the Measure File. Nameplate must have model and serial number. Include a photo of the room or area showing the equipment quantities and operability. This can be demonstrated by including a photo of the display and/or set point. Compile all photos into a single PDF document to upload to EEPM for Pre-Inspection Desk Review.
2. **Installation Notice Certificate:** Generated by EEPM, signed by Customer and Service Provider, including an installation completion date.
3. **Project Invoice:** Includes Customer name, project address, model number and quantity that matches the Measure File, labor materials and other cost associated with installation.

Simulation Requirements

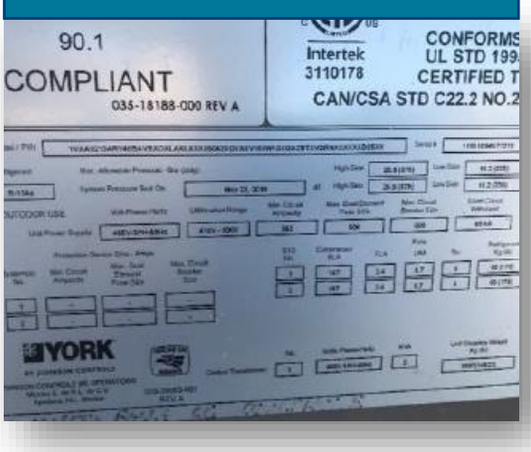
Water Cooled Chillers:

- Condenser Water Entering Temp 85 deg F and Flow Rate 3.0 gpm/ton
- Evaporator Leaving Temp 44 deg F and Flow Rate 2.4 gpm/ton

Air Cooled Chillers:

- Entering Air (ambient air temp) Dry Bulb Temp 95 deg F
- Evaporator Leaving Temp 44 deg F and Flow Rate 2.4 gpm/ton

Name Plate



Profile