

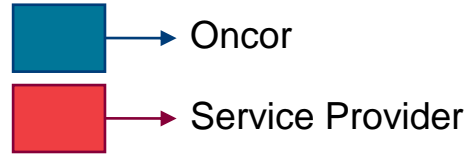
ENERGY EFFICIENCY

# Measure File Guide

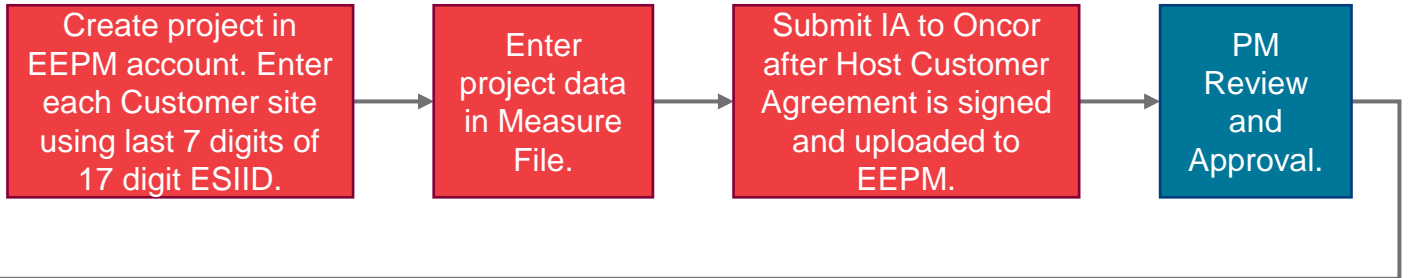
## HVAC - Air Cooled DX

January 2025

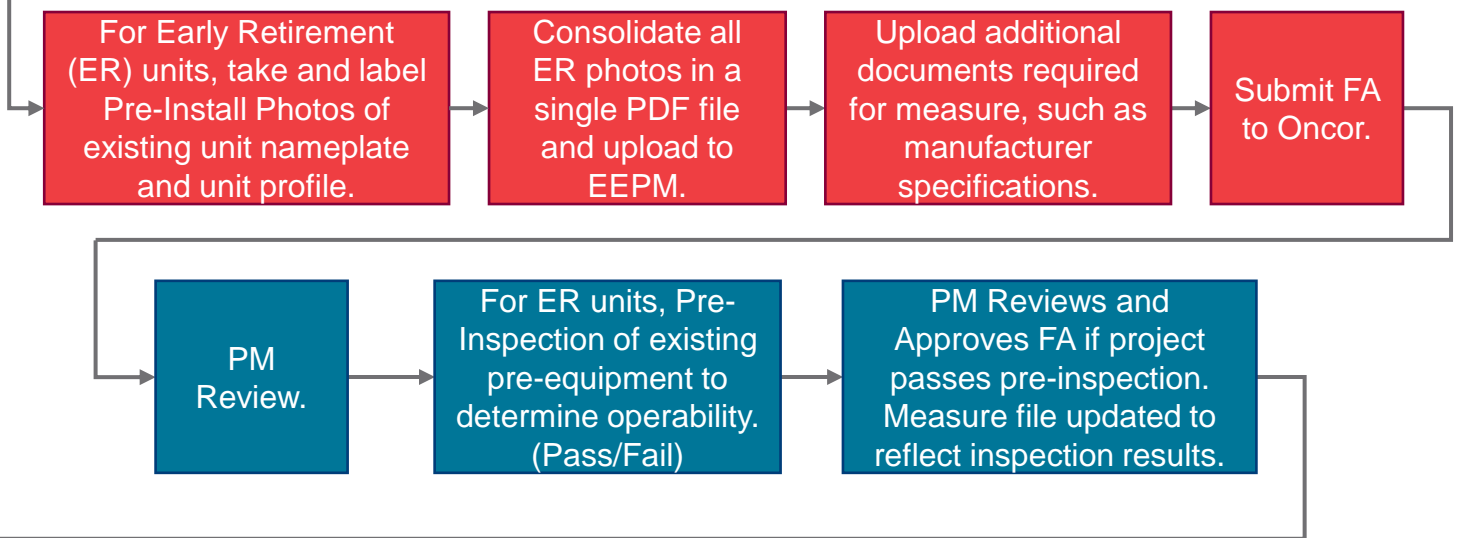
# Energy Efficiency Project Process



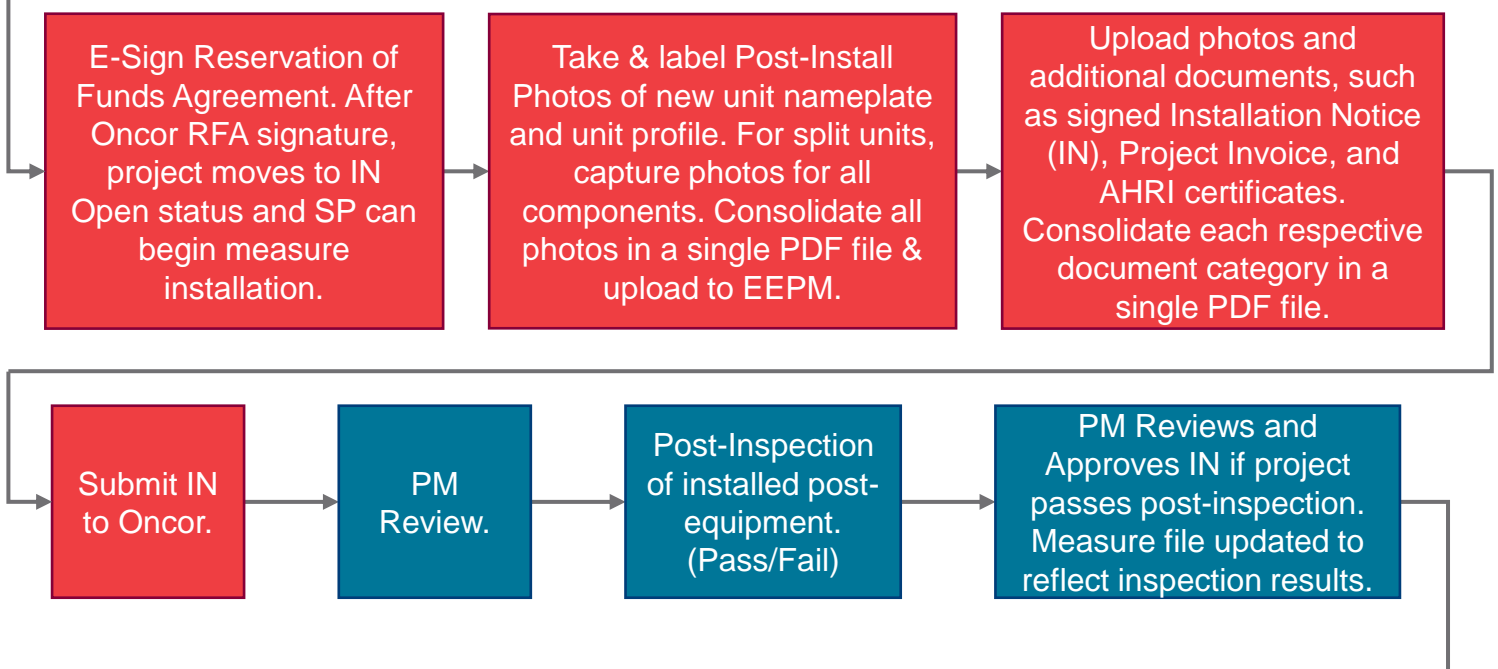
## IA Phase



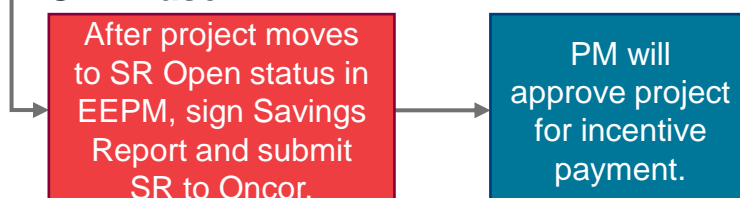
## FA Phase



## IN Phase



## SR Phase





# IA Phase - Measure File

- 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.

## 1 Site Information

Site					
Serial #	Site Name *	Site Line Item Or...	Cooling Equip # *	Room location/floor	Building Type *
1	Example Site	1	RTU #1	Roof	Warehouse
2	Example Site	2	RTU#2	Roof	Warehouse
3	Example Site	3	RTU #3	Roof	Warehouse

- 2. Cooling Equipment Type:** Select the HVAC equipment technology being installed.
- 3. Model and Serial #:** Match inspection photos and AHRI certificates for both pre-retrofit conditions and installed equipment.
- 4. Cooling Capacity Type -** Select "BTU/Hr" instead of the tonnage. BTU/Hr provides more accurate data and reflects exact values.
- 5. Installed Efficiency:** For units under 5.4 tons, use the EER2 and SEER2. If these ratings are not listed on the AHRI certificate, Oncor cannot provide incentives for those units.

## Pre Retrofit Equipment Info

Pre Retrofit Equipment Information															
Cooling Equip Type *	Existing Unit Year Installed	Manufacturer	Model	Serial #	Tonnage			Early Retirement Efficiency			ROB/NC Efficiency				
					Cooling (Tons)	Heating (Tons)	DX HP Systems <5.4 Select Split/Pac...	Full Load (kW/Ton)	Part Load (kW/Ton)	Heating (COP)	Full Load (kW/Ton)	Part Load (kW/Ton)	Heating (COP)		
Air Cooled DX ROB		Carrier	48TJD012-611QA	0698G30966	10	0	Package...		0	0	1.0909	0.9524	0		
Air Cooled DX ROB		Carrier	48TJD012-611QA	0698G30969	10	0	Package...		0	0	1.0909	0.9524	0		
Air Cooled DX ROB		Carrier	48TJD008-611QA	0598G30063	7.5	0	Package...		0	0	1.0909	0.9524	0		

## 3 Post Installed Equipment

Cooling Equip Type *	Manufacturer	Model	Serial #	Cooling Capacity Type	Installed Tonnage					Installed Efficiency																
					Cooling Capacity Unit	Cooling (Ton or Btu/hr)	Heating Capacity Type	Heating Capacity Unit	Heating (Ton or Btu/hr)	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)	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			
Air Cooled D...	Carrier	48LCD012B2M6A...	2424P12370	Btu/hr	116,000	9.67			0	EER	13	IEER	20.3			0.9231	0.5911	0								
Air Cooled D...	Carrier	48LCD012B2M6A...	2424P12368	Btu/hr	116,000	9.67			0	EER	13	IEER	20.3			0.9231	0.5911	0								
Air Cooled D...										EER	12.8	IEER	19			0.9375	0.6316	0								



# FA Phase – Pre-Inspection

Provide the following for each Measure Item:

- Existing unit:** Please include photos of the existing unit's label for Replace on Burnout (ROB) projects, if available. For Early Retirement (ER) projects, photos are required. Label each RTU according to the Measure File and compile all photos into a single PDF document for upload to EEPM for Pre-Inspection Desk Review.
- AHRI Certificate:** Ensure the Model Number on the certificate matches the Measure File in EEPM.

1

Labeled Name Plate



2



**For Model Numbers on AHRI Certificates:** The symbols, \* or (), indicates a wild card. All other characters must match exactly for the certificate to be valid for the unit.

Model Number : 48LC\*\*12\*\*(1,6)\*

# IN Phase– Post Inspection

The following is required for each Measure Item-

- Labeled Name Plate** Label each RTU with the Site Line Item from the Measure File.
- Profile:** Take a profile photo from a distance to show the unit. Compile all photos into a single PDF document for upload to EEPM for Post-Inspection Desk Review.
- AHRI Certificate:** Verify that all information matches the Measure File in EEPM.

1

Labeled Name Plate



2

Profile



3



The **Model Number** in the photo must match the details on the certificate and in the Measure File.

