

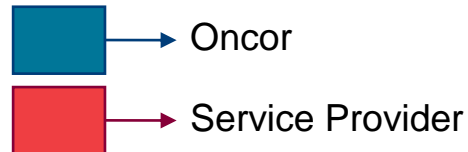
ENERGY EFFICIENCY

# Measure File Guide

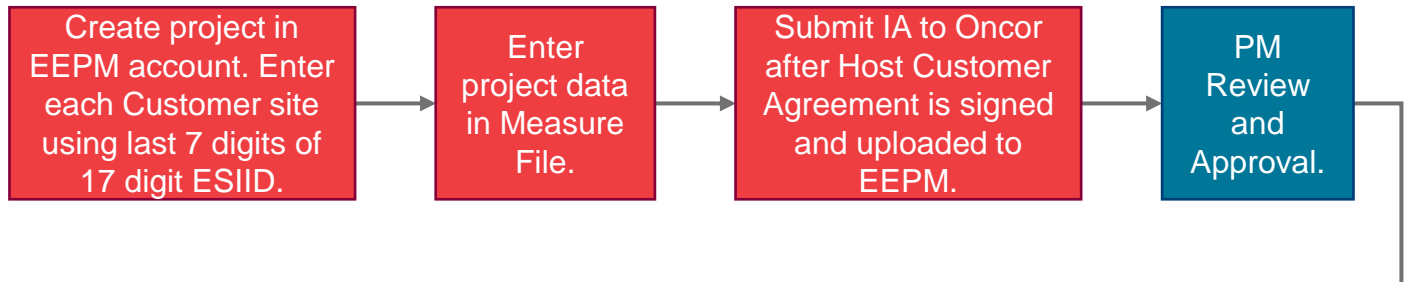
## Variable Frequency Drive

January 2025

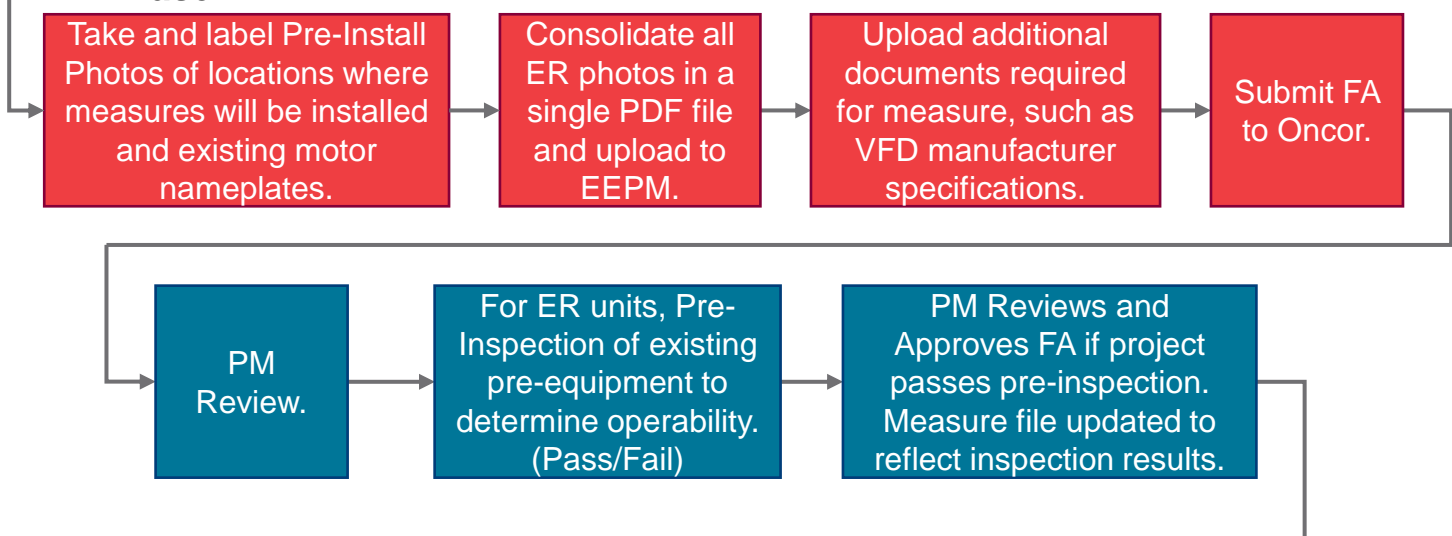
# Energy Efficiency Project Process



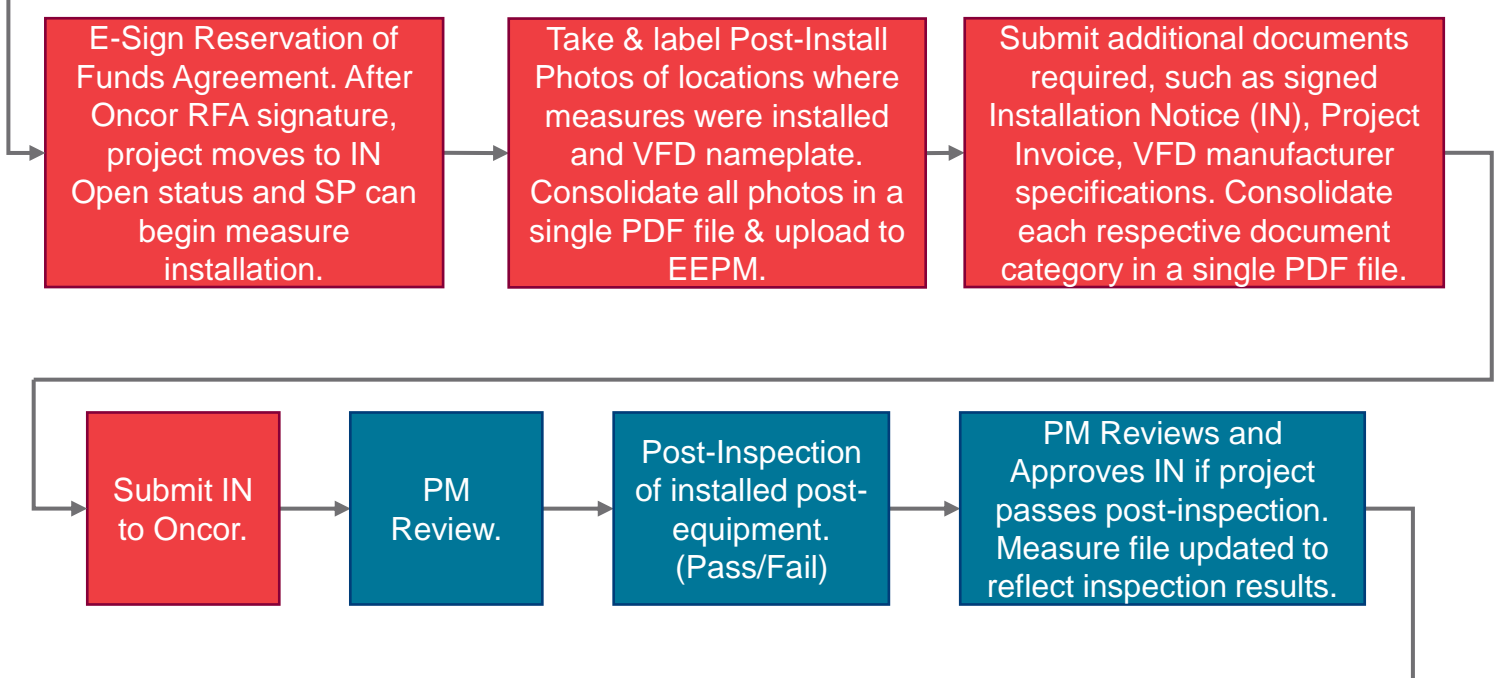
## IA Phase



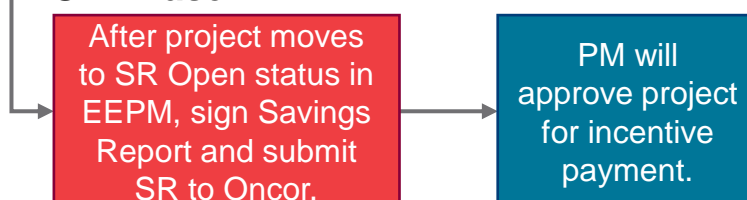
## FA Phase



## IN Phase



## SR Phase



# IA Phase – Measure File

## Site Information

## Pre/Existing Equipment Info

## Post Installed Equipment

## Auto Calculated Savings & Incentives

Site				Pre/Existing Equipment							Post Installed Equipment				Savings & Incentives		
Serial #	Site Name*	Site Line Item Order*	Floor	Motor Location(ID Number)	Motor Manufacturer Name*	Motor Model No*	Building Type*	Select Current System or VAV Control*	Motor HP*	Weather Zone*	VFD/ECM MFG Name*	VFD/ECM Model Number*	VFD/ECM Serial #*	Post Motor HP	kW	kWh	Incentive(\$)
1	Example Site	1	Main	RTU 1	CENTURY	CENTURY 7-86C	Stand-alone ret...	No Fan Control	15	Dallas	TECO	E510-415-H3-U	214403705004		0.0600	27840.0	1795.51
2	Example Site	2	Main	RTU 2	BALDOR	BALDOR EFM25	Stand-alone ret...	No Fan Control	15	Dallas	TECO	E510-415-H3-U	221503705085		0.0600	27840.0	1795.51
3	Example Site	3	Main	RTU 3	WORLDWIDE	WORLDWIDE OI	Stand-alone ret...	No Fan Control	15	Dallas	TECO	E510-415-H3-U	221803705022		0.0600	27840.0	1795.51
4	Example Site	4	Main	RTU 4	BALDOR	BALDOR EFM25	Stand-alone ret...	No Fan Control	15	Dallas	TECO	E510-415-H3-U	221803705020		0.0600	27840.0	1795.51
5	Example Site	5	Main	RTU 5	CENTURY	CENTURY 8502C	Stand-alone ret...	No Fan Control	20	Dallas	TECO	E510-420-H3-U	221803706020		0.0800	37120.0	2394.01
Total No of Sites:															1.6040	744256.0	\$48000.05

- 1. Site Name:** The location where the VFD project is being implemented.
- 2. Motor Manufacturer Name and Model Number:** Must match the details on the certificate and inspection photos.
- 3. Building Type:** Select the appropriate building type. If unsure, contact the Project Manager.
- 4. Select Current System or VAV Controls:** Indicate the pre-installed system or controls.
- 5. Motor HP:** Document the motor's horsepower.
- 6. Weather Zone:** Select the appropriate weather zone. If unsure, contact the Project Manager.
- 7. Post-Installed Equipment:** Document the equipment being installed, ensuring the name, model number, and serial number match the inspection photos and spec sheets.

Site				Pre/Existing Equipment						
Serial #	Site Name*	Site Line Item Order*	Floor	Motor Location(ID Number)	Motor Manufacturer Name*	Motor Model No*	Building Type*	Select Current System or VAV Control*	Motor HP*	Weather Zone*
6	Example Site	6	Main	RTU 6	CENTURY	CENTURY 8500	Stand-alone ret...		15	Dallas
7	Example Site	7	Main	RTU 7	BALDOR	BALDOR EHF	Stand-alone ret...			Dallas
8	Example Site	8	Main	RTU 8	CENTURY	CENTURY 8500	Stand-alone ret...			Dallas
9	Example Site	9	Main	RTU 1	GE	GE 5K49WN420	Stand-alone ret...			Dallas
Total No of Sites:										

Post Installed Equipment		
VFD/ECM MFG Name*	VFD/ECM Model Number*	VFD/ECM Serial #*
TECO	E510-415-H3-U	221803705022110F0004210
TECO	E510-415-H3-U	221803705020110F00042105
TECO	E510-420-H3-U	J0232P914710094 210
TECO	E510-415-H3-U	214403705014110F00031805







## FA Phase – Pre-Inspection

The following is required for each Site Line Item:

1. Profile of RTU (if available)
2. RTU Tag (if available)
3. Motor Nameplate (needs to be readable)
4. Planned VFD Installation Location: Confirm that no VFD is currently installed (e.g., empty motor cabinet).

Please label each RTU with the corresponding Site Line Item from the Measure File. Compile all photos into a single PDF document to upload to EEPM for Pre-Inspection Desk Review.

Site Line Item <span style="float: right;">1</span>	Profile of RTU <span style="float: right;">2</span>	RTU Tag <span style="float: right;">3</span>	Motor Nameplate <span style="float: right;">4</span>	Empty Motor Cabinet
7				

## In Phase – Post-Inspection

Provide the following for each Site Line Item:

1. **VFD Model and Serial #:** Ensure they matches the Measure File information for each Measure Item.
2. **Photo of Installed VFD:** Take a photo from a distance that shows the unit and its connections. Include photo of VFD's screen to indicate the device is operating.

Please label each RTU with the corresponding Site Line Item from the Measure File. Compile all photos into a single PDF document to upload to EEPM for Post-Inspection Desk Review.

Site Line Item <span style="float: right;">1</span>	VFD Model and Serial #	Installation <span style="float: right;">2</span>
7	