



## E-3 File Tip Sheet

### What is an E-3 file?

An E-3 file is an Excel-based spreadsheet that calculates the incentives, kW and kWh savings for an HVAC project. Users are required to input the cooling equipment ID number, building type, pre-cooling and post-cooling equipment type and tonnage of each unit. The savings are calculated using information from approved deemed savings. The savings and incentives are calculated by comparing the post-kW/ton to the appropriate baseline. There are three categories: Early Replacement (ER), Replace on Burn-out (ROB) and New Construction (NC). ROB and NC use current industry baselines (IECC) while ER uses a combination of baselines. For ER applications, the remaining years of the equipment's Estimated Useful Life (EUL) is applied against the baseline listed for the manufactured date and the remaining years are applied against the current baseline.

### Where can I find the E-3?

You can find all of the information at the following website: [oncoreepm.com/resources.aspx](http://oncoreepm.com/resources.aspx). Make sure to download a new E-3 prior to creating a project and save it on your computer before inputting data. Please enable macros on the top of the file to enable all the calculations. To enable macros, click on "option" and click on "enable the content" button. This may also show up as a yellow bar across the header of the spreadsheet.

### How do I input a project into an E-3 file?

Here are some tips to guide the approach to aggregating and inputting data. If you have any questions, please contact Cary Betts at [cary.betts@oncor.com](mailto:cary.betts@oncor.com) or by phone at 214-486-3220.

Enter information into the Cooling tab:

Column	Heading	Information
Column B	Cooling Equipment ID Number <i>(Required)</i>	<b>Enter a Cooling Equipment Number. You must enter something in this field or EEPM will not read it.</b>
Column C	Room Location	Enter the location of the equipment.
Column D	Building Type	Select the building type from the drop-down.
Column E	Cooling Equipment Type	Select the cooling equipment type to be removed.
Column H	Unit to be removed Year Installed	If this is ER, select the year the equipment was installed from drop-down. Documentation must be provided.
Column H	UK	<i>If the year is unknown, you must select UK from the drop-down list.</i>
Column H	ROB or NC	<i>If this is ROB or NC then the date is not required.</i>
Column I	Manufacturer	Enter the Manufacturer of equipment to be replaced.
Column J	Make/Model	Enter the Model number of equipment to be replaced.



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Column K	Serial Number	Enter the Serial number of equipment to be replaced.
Column N	Rated Capacity (Tons)	Enter the Tonnage of equipment to be removed, Use tonnage to be installed for NC.
Column O	Split/Packaged	Select between Split/Packaged systems. Leave it as default for all systems 5.4 tons and above.
Column P	ER kW/Ton Needs ROB also	ER kW/ton of the equipment to be removed (Blue in equipment tables). This cell will populate automatically.
Column S	ROB-NC kW/ton	Baseline kW/ton, use for ROB, NC and ER (Red in equipment tables). This cell will populate automatically.
Column U	Cooling Equipment Type	Select the cooling equipment type to be installed.
Column V	Combined Horsepower	Use only when an air-cooled chiller is replaced with a water-cooled chiller, enter the combined Horsepower for Condenser Water Pumps and Cooling Tower Fans. <sup>1</sup>
Column W	Manufacturer	Enter the Manufacturer of equipment to be installed. *Required before post-inspection
Column X	Make/Model	Enter the Model number of equipment to be installed. *Required before post-inspection
Column Y	Serial Number	Enter the Serial number of equipment to be installed. *Required before post-inspection
Column AA	Rated Capacity (Tons)	Enter the Tonnage of the equipment to be installed. <sup>2</sup>
Column AB	Installed ARI-Rated kW/ton	Enter the kW/ton of equipment to be installed.

### Additional Comments:

- Early retirement projects require a pre- and post-installation inspection to verify that equipment is running and that the information provided is accurate.
- Addition of cooling load (such as redundancy) without an increase in conditioned space does not qualify for incentives.

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<sup>1</sup> As per TRM, The equipment efficiency for an air-cooled chiller includes condenser water pump and cooling tower, but the equipment efficiency for a water-cooled chiller does not include any auxiliary equipments. Therefore, the savings must be reduced, in the event that an air-cooled chiller is replaced with a water-cooled chiller. This type of retrofit is possible in ROB and ER situations.

<sup>2</sup> The installed unit capacity should be within +/- 20% of the pre-equipment capacity for Early Retirement (ER) scenarios. If it exceeds, savings from this unit will not be captured as deemed and EEPM will not read it. For the units that are outside of the range, select deemed New Construction (NC)/Replace on Burnout (ROB) approach.