

Energy Savings Calculators, Version 8.1

Summary of All Changes August 30, 2015

Please discard any previous versions and use Version 8.1 of the energy savings calculators.

Calculator Section	Topic	Calculator Revision Version 8-1
ECM 11 and 12	Prorated energy saving adjustment	If calculated energy savings are greater than estimated HVAC baseline usage, the energy savings for these measures will be prorated based on capacity replaced and baseline energy usage.
ECM 12	Calculation linkage error	An incorrect link was fixed so that prorated energy savings were not set to zero if calculated energy savings were greater than estimated HVAC baseline energy usage.
ECM 22	Calculation correction	Calculation correction made to calculate savings for cool roof installation that are applied with no increased insulation.
Total-Summary Tab	Prorated energy saving adjustment	Energy savings for natural gas, propane, and fuel oil are compared and prorated based on the benchmarking information for that fuel only, and not a combination of all three. Please note only one fuel source should be entered in the Benchmarking tab.
Total-Summary	Non-adjusted energy savings table	Hide non-adjusted energy savings table on this tab to help LEAs identify correct values to enter into Energy Expenditure Plan Online System. The non-adjusted energy savings can still be found at each specific calculator.
Calculator Section	Topic	Calculator Revision Version 8
ECM 2A and 2B	New measure added	Added compact fluorescent light to LED conversion calculation. The existing incandescent to LED is changed to 2A and this new ECM is added as measure 2B.
ECM 11	Prorated energy saving adjustment	Energy savings will be prorated based on percent of air conditioner tonnage replaced at the school site.
ECM 11	Measure change	Existing packaged air conditioner with SEER 13 option will be replaced by wall mount air conditioner with EER 11 and IPLV 14 or higher.
ECM 12	Prorated energy saving adjustment	Energy savings will be prorated based on percent of heat pump tonnage replaced at the school site.

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ECM 12	Measure change	Existing packaged heat pump with SEER 13 option will be replaced by wall mount heat pump with EER 11 and IPLV 14 or higher.
ECM 21	New measure added	Added new calculator for window replacement .
ECM 22	New measure added	Added new calculator for cool roof installation.
ECM 23	New measure added	Added new calculator for roof insulation installation.
ECM 24	New measure added	Added new calculator for low voltage dry type distribution transformer replacement.
ECM25	Inverter replacement year adjustment	Inverter replacement year is changed from 10 th year to 11 th year and 20 th year to 21 st year for PV systems. The latter will only affect PV systems utilizing a 25 year Effective Useful Life.