

Small Commercial EM&V Review Subcommittee

Recommended Technical Reference Manual Changes:

1. Deemed lighting operating hour values in the TRM should be updated to the values below:

	Recommended TRM Value	Current TRM Value
Office	3013 hrs/yr	3100 – 3748 hrs/yr
Retail	3463 hrs/yr	4057 hrs/yr
Auto Related (auto repair, emissions testing and transmission repair)	2810 hrs/yr	4056 hrs/yr

Small Commercial EM&V Review Subcommittee

Recommended Technical Reference Manual Changes:

2. A new category should be added to the list of TRM Facility Types for Parking Garages lighted twenty-four hours per day. This category should have a deemed lighting operating hours value of 7717 hrs/yr.
3. To eliminate duplication and overlap of categories, the existing Facility Type "Office/Retail" should be deleted from the list of TRM Facility Types.
4. The term "Full Load Hours" (FLH) used in the lighting savings equation on page 192 of the TRM, and in the subsequent table of deemed values, should be replaced by the term "Lighting Operating Hours" to more accurately describe the deemed values.

Small Commercial EM&V Review Subcommittee

Other Changes Recommended for Evaluation Related Updates to the Technical Reference Manual :

1. Base case and energy efficient equipment characteristics, lighting operating hours, physical building attributes and use patterns of the facility should be collected by PAs during future evaluations. Standardized data element names and definitions and a standardized data collection form should be developed for this purpose.
2. A Quality Control process should be in place for both implementation and evaluation contractors to review the reasonableness of site data as it is collected, to follow up on sites where collected data fails such a test of reasonableness and to perform follow up field visits on sites where reported savings exceed 50% of pre-retrofit site consumption.

Small Commercial EM&V Review Subcommittee

Other Changes Recommended for Evaluation Related Updates to the Technical Reference Manual :

3. The proposed Statewide SBDI Impact Evaluation RFP should be abandoned. There is no longer a need to undertake a full statewide impact evaluation of SBDI programs . However, individual PAs should consider working jointly on future SBDI program evaluation activities necessary to fill gaps in TRM data.
4. Changes to TRM Facility Type definitions and operating hour values recommended by this subcommittee should become effective January 1, 2016 (the end of the current EEPS Cycle 2 period), and should only be applied to program planning/program results going forward from that date.

Small Commercial EM&V Review Subcommittee

Other Changes Recommended for Evaluation Related Updates to the Technical Reference Manual :

5. The subcommittee recommends that the process utilized for review of the SBDI impact evaluations be used in the review of upcoming Energy Efficiency impact evaluations.