

2019 Stage 2 Issues List

No	Affected Use Category	Issue or Measure Affected	Issue Description	Discussion Lead
3	Cross-Cutting	Effective Useful Life (EUL) for Retrofit-Add On (REA) measures	Need guidance on acceptable method to use to arrive at EUL for retrofit-add on (REA) measures if 1/3 EUL does not appear appropriate for a given measure.	Ayad
95	Cross-Cutting	1.04, 1.06a, 1.06b, 1.08, 1.14, 2.12, 3.05, 6.02, 6.03, 6.04, 6.05, 6.21, 6.23, 7.16, 7.18	RUL of retrofit-add on (REA) measures is set at 1/3 of the EUL, maximum of 20 years. Need EUL estimates for all host equipment. Revisit RUL = 1/3 EUL estimate.	Ayad & Tim
4	Cross-Cutting	Cost updates/methodology	Document and prioritize cost methodologies.	Tim
5	Policy	Review Load Shapes/Impact Shapes/Peak demand updates	Updated needed to expand the choices available for Statewide Load Shapes that will be used in the cost effectiveness analysis.	Ayad & Armen
8	Policy	Greenhouse Gas (GHG)	Develop method for factoring GHG impacts into the deemed measure assessments.	Annette & Armen
16	Water Pumping / Irrigation	Pump overhaul savings	Review/update methodology for pump overhaul disposition savings.	Ayad
162	Agriculture	3.05 Variable Frequency Drives on Agricultural Pumps, 3.17 Enhanced VFD on Ag Pump	Consider more sensitive variables to distinguish savings.	Ayad

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18	Lighting	Lighting savings	Work with EAR team to determine preferred lighting savings calculation methodology (wattage reduction ratio, wattage range method or delta watts). Review best available hours of use data and re-evaluate application of interactive effects.	Tim
22	Cross-Cutting	Collapsing Permutations	Determine whether there is an opportunity to collapse permutations without affecting accuracy of savings.	Ayad
109	Commercial Refrigeration	1.05 Walk-in Cooler Evaporative Fan Cycling & VFD Controls	Change Normal Unit to "Rated HP" from "Each". IOUs move to POU methodology, preserve POU/TRM methodology.	Ayad
115	Commercial Refrigeration	1.17a Like-for-like Replacement of High Efficiency Refrigerated Display Cases	New modeled measure to capture savings of upgrades from open to closed display cases required due to changing prototypes and changing code baseline.	Ayad
120	Appliance & Plug Load	7.01, 7.03, 7.04, 7.05, 7.12, 7.14a, 7.16	Remove PA dependencies which are due to the DEER Basis Factor.	Roger
181	Pools & Spas	9.05 VSD Pool and Spa Pump	Align savings methodologies between multi-family and commercial.	Roger
188	Food Service	All Electric Food Service Measures	Need documentation for the Coincidence Factor for estimating contribution to demand reduction and potential impact to the new peak demand period.	Ayad