

MEMORANDUM

TO: TECHNICAL ADVISORY COMMITTEE

FROM: CHERYL JENKINS, PROJECT MANAGER and SAM DENT, TECHNICAL LEAD - VEIC

SUBJECT: CLASSIFICATION OF TIER 2 ADVANCED POWER STRIP PRODUCTS IN TO PERFORMANCE BANDS FOR USE WITH V5.0 OF ILLINOIS TRM

DATE: 07/11/2016

Cc: ANNETTE BEITEL, SAG

The purpose of this memo is to document the assigned performance band for different Advanced Power Strip products that have provided field test data to the Illinois Technical Advisory Committee. A Program Administrator may consider additional product outside of the TRM update process (August – December), but should engage with their independent evaluation team to review the submitted performance data and assign an appropriate product class.

Product Class	Field trial ERP range	Products	Product Type	Field Data provided
A	55 – 60%			
B	50 – 54%	Embertec Tier 2 AV APS	<ul style="list-style-type: none"> • Infra red sensing • Master-less Sensing • Power sensing 	<ul style="list-style-type: none"> • Independent assessment by AESC (page 30) - Valmiki, MM., Corradini, Antonio PE. 2015. <i>Tier 2 Advanced Power Strips in Residential and Commercial Applications</i>. Prepared for San Diego Gas & Electric by Alternative Energy Systems Consulting, Inc. • CalPlug research (Page 12) - Wang, M. e. 2014. <i>“Tier 2 Advanced Power Strip Evaluation for Energy Saving Incentive”</i>. California Plug Load Research Center (CalPlug), UC Irvine.
C	45 – 49%			
D	40 – 44%			
E	35 – 39%			
F	30 – 34%			
G	25 – 29%	TrickleStar Tier 2 AV APS	<ul style="list-style-type: none"> • Infra red sensing • Occupancy sensing • Master/Control platform • Power sensing 	<ul style="list-style-type: none"> • Independent assessment by AESC- Valmiki, MM., Corradini, Antonio PE., Feb 2016. <i>Energy Savings of Tier 2 Advanced Power Strips in Residential AV Systems</i>
H	20 – 24%			

The Illinois Technical Advisory Committee will reassess the available products and supporting data for future revisions of the TRM.