Docket Optical System - Re: Analysis for Portable Fixtures and Metal Halide

From: "Jennifer Amann" <jamann@aceee.org>
To: "Gary Flamm" <gflamm@energy.state.ca.us>
Date: 7/31/2008 7:31 AM
Subject: Re: Analysis for Portable Fixtures and Metal Halide
CC: "Jennifer Thorne Amann" <jthorneamann@aceee.org>, "Steve Nadel" <snadel@aceee.org>, "Alex Chase" <achase@energy-solution.com>, <ASlocum@energy-solution.com>, "Ted Pope" <TPope@energy-solution.com>, "Harinder Singh" <HSingh@energy.state.ca.us>, "Melinda Merritt" <Mmerritt@energy.state.ca.us>, "Peter Strait" <Pstrait@energy.state.ca.us>, "Rob Hudler" <Rhudler@energy.state.ca.us>, <gfernstrom@msn.com>, "Patrick L Eilert" <PLE2@pge.com>
Attachments: StockSalesCost Calculations for Portable Fixtures.xls

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07-AAER-3
DATE JUL 31 2008
RECD. JUL 31 2008

Gary,

Attached please find a revised spreadsheet with calculations related to the portable fixture standards analysis.

Please let me know if you have any questions.

Best,
Jennifer

Jennifer Thorne Amann
ACEEE

ACEEE Has Moved!
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Stock, Sales, and Cost Calculations for Portable Fixture Standards

California Stock

Figure	*Description*	*Source*
13,174,378	Housing units in 2006	US Census Bureau estimate
4.43	Portable fixtures/household	RLW 2005
58,362,495	2006 stock	
1.16	Ratio 2020 to 2006 population	US Census Bureau projection
67,953,090	2020 stock (10 years after a 2010 standard goes into effect)	

California Annual Sales

Figure	*Description*	*Source*
12	Average portable fixture life (years)	DEER
5,662,757	Average annual unit sales over 2006-2020 period	

Initial Costs

Standards Case	
$ 45.00	Cost of fixture
$ 3.00	Cost of CFL shipped with fixture
$ 48.00	Cost of fixture and CFLs
Base Case	
$ 45.00	Cost of conventional fixture
$ 0.50	Cost of Incandescent Lamp
$ 45.50	Cost of fixture and incandescent bulb