

Category or type of NEI	Value (2016\$)	Source	Notes
Weatherization			
	\$182 per home (annual)	Three ³ (2016)	Participant health and safety benefits, no avoided death value; ultimately based on national WAP evaluation.
LI Weatherization reduced arrearages	2% of participant bill savings	Itron (2014); MD PSC (2015)	Published estimates for relevant programs
Non-LI HPwES/shell measures/etc	\$35.35 per home (annual)	Itron (2014); MD PSC (2015)	Low case, derived from data in 2011 Massachusetts study; included in MD PSC order
Air emissions			
	\$0.0090 per kWh (annual)	PJM (2015); DPL IRP (2014)	Based on low end of avoided costs for NO _x and SO ₂ from DPL IRPs (2012 and 2014) and reported PJM emissions rates for 2014/5, emissions de-rated by 75%, and inflated to 2016\$. Does not include compliance costs for NO _x /SO ₂
Other Benefits			
Water savings	\$5 per 1,000 gallons	Conservative value based on AWWA (2016) and U of Delaware (2014)	Water savings indicated in the TRM should be valued at this rate; water savings can also be estimated using using IPMVP Method C and valued at this rate.
O&M savings	As specified in the TRM	Delaware TRM	

Sources

American Water Work Association (AWWA) (2016) *2015 Water and Wastewater Rate Survey*, Prepared by Raftelis Financial Consultants, Inc.

DPL (2014) *Delmarva Power and Light 2014 Integrated Resource Plan*, 1 December 2014

Itron (2014) *Development and Application of Select Non-Energy Benefits for the EmPOWER Maryland Energy Efficiency Programs*, 5 August 2014.

MD PSC (2015) From Maryland Public Service Commission Order No. 87082 , ML-171275, 16 July.

PJM (2015) *2012-2015 CO₂, SO₂ and NO_x Emission Rates*, 18 March 2016

Three³ (2016) *Massachusetts Special and Cross-Cutting Research Area: Low-Income Single-Family Health- and Safety-Related Non-Energy Impacts (NEIs) Study*, Prepared for Massachusetts Program Administrators, 5 August 2016

University of Delaware (2014) *Water Rates in Delaware and Surrounding States*, Draft September 2014.