



Industrial Energy Consumers of Pennsylvania

Pennsylvania House Bill 11 Nuclear Bailout Costs

	2017 Total EDC Consumption (MWh)	50% of EDC Consumption	Nuclear Plant	Summer Capacity (MW)	Capacity Factor	Annual MWhs	Discounted MWh (80% Capacity)
Duquesne	12,672,936	6,336,468	Beaver Valley	1,810	93%	14,745,708	12,684,480
Met-Ed	15,417,207	7,708,604	Limerick	2,240	89%	17,463,936	15,697,920
Penelec	17,414,594	8,707,297	Peach Bottom	2,528	96%	21,259,469	17,716,224
Penn Power	5,073,364	2,536,682	Susquehanna	2,494	90%	19,662,696	17,477,952
PPL	38,651,816	19,325,908	TMI	803	94%	6,612,223	5,627,424
PECO	39,301,774	19,650,887				79,744,032	69,204,000
West Penn	21,553,529	10,776,765					
	150,085,220	75,042,610					

Note: 50% Tier 3 requirement = approx. 100% of PA Nuclear generation

2017 Average Tier 1 Price per Credit	Tier 3 Floor Price per Credit (50%)	Tier 3 Cap Price per Credit (65%)	Tier 3 Credit Quantity Requirement	Annual Cost Floor	Annual Cost Cap
\$12.16	\$6.08	\$7.90	75,042,610	\$456,259,069	\$593,136,789

	Annual Usage MWh	Tier 3 Annual Cost at \$7.90 per AEC (\$3.95/MWh)
Small Manufacturer	15,000	\$59,000 annual cost
Large Manufacturer	500,000	\$1,975,000 annual cost
Multi-facility Large Manufacturer	1,000,000	\$3,950,000 annual cost
2018 PA Industrial Customers	48,591,000	\$192,000,000 annual cost ¹

¹ PA Manufacturing sector impact