

### Estimated PPA Rider Costs to Manufacturers

The tables below show estimates of the PPA costs to small, medium, large and extra-large manufacturers. For FE, annual cost estimates are based on FE’s own estimates of costs for the first three years of its PPA. AEP’s annual cost estimates, as well as estimated total eight-year costs for both FE and AEP, are based on estimates from an Ohio Consumers’ Counsel expert.

Manufacturer Size	Consumption (kWh/year)	FirstEnergy	
		Annual Cost Estimate	Total for 8-Year ESP
Small (~\$100k/yr in electricity costs)	1,000,000	\$2,843	\$29,410
Medium (~\$600k/yr in electricity costs)	7,500,000	\$21,322	\$220,574
Large (~\$6 million/yr in electricity costs)	100,000,000	\$284,296	\$2,940,991
Extra Large	1,000,000,000	\$2,842,958	\$29,409,914

Manufacturer Size	Consumption (kWh/year)	AEP	
		Annual Cost Estimate	Total for 8-Year ESP
Small (~\$100k/yr in electricity costs)	1,000,000	\$4,614	\$36,908
Medium (~\$600k/yr in electricity costs)	7,500,000	\$34,602	\$276,814
Large (~\$6 million/yr in electricity costs)	100,000,000	\$461,356	\$3,690,850
Extra Large	1,000,000,000	\$4,613,562	\$36,908,497