
Regulation and Frequency Response Service (DSW-FR4) FY 2019 Calculation

Annual Revenue Requirement for Regulation Service

$$\text{Charge} = \frac{\text{Load within WALC Requiring Regulation} + \text{Installed Nameplate Capacity of Variable Resources Serving Load within WALC} \times \text{Applicable Capacity Multiplier(s)}}{\text{MW-Yr}}$$

Hoover Capacity Required		57	MW
	×		
Hoover Capacity Rate for FY19		\$22,560	/MW-Yr
	=		
Cost for Hoover Capacity		\$1,285,920	
	+		
Purchases in Support of Regulation		\$659,345	
	=		
Annual Revenue Requirement for Regulation Service		\$1,945,265	

Load within WALC that Requires Regulation (Average of Aggregated Monthly Maximum Demand)		1,523,584	kW
	+		
Installed Nameplate Capacity of Variable Energy Resources Serving Load within WALC		0	kW
	×		
Capacity Multipliers for Variable Energy Resources		1.00	
	=		
Total Load and Variable Energy Resources		1,523,584	kW

Service Charges		\$1.28	/kW-Year
		\$0.106	/kW-Month
		\$0.025	/kW-Week
		\$0.003	/kW-Day
		0.146	Mills/kWh
