

Regulation and Frequency Response Service (DSW-FR4) Calculation of FY 2020 Charge

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		50	MW
	×		
Hoover Capacity Rate for FY20		\$21,000	/MW-Yr
	=	\$1,050,000	
Purchases in Support of Regulation	+	\$1,200,460	
Annual Revenue Requirement for Regulation Service	=	\$2,250,460	

Load within WALC that Requires Regulation (Average of Aggregated Monthly Maximum Demand)		1,429,911	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	=	1,429,911	kW

Service Charges =		\$1.57	/kW-Year
		\$0.131	/kW-Month
		\$0.030	/kW-Week
		\$0.004	/kW-Day
		0.180	Mills/kWh