

2018 Formula Rate Transmission Tariff

Santee Cooper

presented via WebEx
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Net Revenue Requirements and 12 Month Average Coincidental Peak

Year	Net Revenue Requirements	12 Month Avg Transmission Coincidental Peak
2014	\$88,917,953	3,864 MW
2015	\$90,524,816	3,864 MW
2016	\$89,981,117	3,957 MW
2017	\$89,266,806	3,680 MW
2018	\$86,872,110	3842 MW

PTP Transmission Rate Comparison

Rate Type		2014	2015	2016	2017	2018
Annual		\$23,011.89	\$23,427.75	\$22,739.73	\$24,244.22	\$22,613.13
Monthly		\$1,917.66	\$1,952.31	\$1,894.98	\$2,020.35	\$1,884.43
Weekly		\$442.54	\$450.53	\$437.30	\$466.24	\$434.87
Daily On Peak		\$88.51	\$90.11	\$87.46	\$93.25	\$86.97
Daily Off Peak		\$63.05	\$64.19	\$62.30	\$66.42	\$61.95
Hourly On Peak		\$5.53	\$5.63	\$5.47	\$5.83	\$5.44
Hourly Off Peak		\$2.63	\$2.67	\$2.60	\$2.77	\$2.58
On Peak Days	Monday-Sat	On Peak Hours		7 AM-11 PM (EPT)		
Off Peak Days	Sunday & NERC Defined Holidays	Off Peak Hours		0-7 AM and 11-12 PM (EPT)		

Schedule 1

(Scheduling, System Control and Dispatch Service)

- Schedule 1 costs are unbundled from the transmission rate.
- Schedule 1 rates are added to all transmission reservations on the Santee Cooper system.

Schedule 2

(Reactive Supply and Voltage Control)

- Santee Cooper will continue to charge Schedule 2 rates on delivery.

Schedule 1

System Control & and Dispatch

Scheduling, System Control and Dispatch Service	2015 Schedule 1 Rate	2016 Schedule 1 Rate	2017 Schedule 1 Rate	2018 Schedule 1 Rate
Annual	\$1,056.60	\$1,032.53	\$1,112.29	\$978.85
Monthly	\$88.05	\$86.04	\$92.69	\$81.57
Weekly	\$23.32	\$19.86	\$21.39	\$18.82
Daily	\$4.06	\$3.97	\$4.28	\$3.76
Hourly	\$0.25	\$0.25	\$0.27	\$0.24

Rates are in \$/MW reserved for the stated time interval (e.g. Annual is the cost associated with reserving 1 MW for 1 year)

Schedule 2

(Reactive Supply & Voltage Control)

Reactive Supply and Voltage Control	Schedule 2
Annual	\$2,645.11
Monthly	\$220.43
Weekly	\$50.87
Daily On-Peak	\$10.17
Daily Off-Peak	\$10.17
Hourly On-Peak	\$0.64
Hourly Off-Peak	\$0.64

Rates are in \$/MW reserved for the stated time interval (e.g. Annual is the cost associated with reserving 1 MW for 1 year)

TSR example

- PSE reserves **10 MW** non-firm hourly on peak:
 - 3 price components: (PTP Rate + schedule 1 + schedule 2)
 - 10 MW X (\$5.44 + .24 + .64) = \$63.20
- PSE reserves **100 MW** firm monthly:
 - 3 price components: (PTP Rate + schedule 1 + schedule 2)
 - 100 MW X (\$1884.43 + \$81.57 + \$220.43) = \$218,643

Monthly Network Billing Example

- 2018 Net Revenue Requirement
 - Annually \$ 86,872,110
 - Monthly $\$86,872,110/12 = \$7,239,343$
- Transmission Peak for the month A
 - 3,842 MW
- Customer Load during the Transmission Peak
 - 10 MW
- Customer Billing for the month
 - $(10/3842) \times \$7,239,343 = \$18,842$ Network transmission costs
 - $10 \times \$81.57$ (Schedule 1) = \$815.70
 - $10 \times \$220.23$ (Schedule 2) = \$2,202.30
 - Total Network Cost for Month A = \$21,860

Transmission Facilities Added in 2017

Project Title	In Service Date	Project Cost
Bucksville – Garden City 115 kV Line	01/27/2017	\$21,918,150
Sandy Run – Orangeburg/Burke Rd – Orangeburg 115 kV Line	02/24/2017	\$18,791,292
Richburg – Flat Creek 230 kV Line	12/05/2017	\$35,097,405
Harleys Bridge 115-69 kV Substation	12/14/2017	\$5,380,503

Contacts for Questions

- Transmission Customers can submit questions via e-mail to Chris Wagner cmwagner@santeecooper.com; or Randy Myers rgmyers@santeecooper.com.
- Written comments or questions must be submitted no later than September 30, 2018.
- Santee Cooper will use its best efforts to respond within 10 business days.
- All questions and answers will be posted to OASIS.
- A copy of this presentation will be posted on the Santee Cooper OASIS site after this meeting.