



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: NOVEMBER 14, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – SEPTEMBER 30, 2022

Power Usage:

Wholesale Load (Vista): – 252,829 MWH (Chart 1)

Peak Demand: – 648 MW of which 522 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

	<u>Resource</u>	<u>MWH</u>
a)	Nuclear	9,312
b)	Coal	64,002
c)	Large Hydroelectric	1,584
d)	Natural Gas	24,410
e)	Renewables	67,530
f)	Inter SC Trades	27,800
g)	Green Inter SC Trades	-
h)	CAISO Purchases	58,191
	Total:	252,829

Total Green Power Supply – **67,530 MWH** which yields 26.71% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 99.49% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 64.88% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 17 MW, with energy entitlement of 1,584 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.

RERC's (Units 1, 2, 3 and 4) availability was 99.37% for the month.

Springs's (Units 1, 2, 3 and 4) availability was 99.13% for the month.

Renewable: CALPPA units operated at 65.01% capacity factor for the month.
Wintec operated at 0.00% capacity factor.
WKN operated at 26.02% capacity factor.
Transwind operated at 5.00% capacity factor.
Kingbird Solar operated at 35.22% capacity factor.
Tequesquite Solar operated at 18.91% capacity factor.
AP North Lake Solar operated at 13.45% capacity factor.
Camelot Solar2 operated at 23.45% capacity factor.
Bigsky Solar3 operated at 28.71% capacity factor.
Bigsky Solar7 operated at 28.75% capacity factor.
Bigsky Solar1X operated at 35.83% capacity factor.

The attached graphical comparisons represent RPU September:

- Chart 1: Total Energy Requirements/Resource Mix
- Chart 2: Peak Hour Total Capacity
- Chart 3: Retail Customer Load
- Chart 4: Daily Peak Load and Temperature Comparisons
- Chart 5: Monthly Peak Load and Temperature