RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES   **DATE: DECEMBER 13, 2021**

GENERAL MANAGER'S REPORT

<u>SUBJECT</u>:   **MONTHLY POWER SUPPLY REPORT – October 31, 2021**

<u>Power Usage:</u>

Wholesale Load (Vista):   –   176,351 MWH (Chart 1)

Peak Demand: –   405 MW of which 229 MW came from RVSD available
resources (Chart 2)

<u>RVSD Energy Mix (Chart 1):</u>

	<u>Resource</u>	<u>MWH</u>
a)	Nuclear	6,934
b)	Coal	52,583
c)	Large Hydroelectric	2,091
d)	Natural Gas	3,379
e)	Renewables	82,049
f)	Inter SC Trades	22,400
g)	Green Inter SC Trades	-
h)	CAISO Purchases	6,915
	Total:	176,351

Total Green Power Supply   –   82,049 MWH which yields 46.53% of the Total Wholesale Load
Requirement

<u>Resource Availability:</u>

Nuclear: Palo Verde units 1, 2 and 3 operated at 71.69% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 51.59% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,091
             MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
             RERC's (Units 1, 2, 3 and 4) availability was 99.92% for the month.
             Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 95.13% capacity factor for the month.

Wintec operated at 30.20% capacity factor.
WKN operated at 18.16% capacity factor.
Transwind operated at 10.72% capacity factor.
Kingbird Solar operated at 29.44% capacity factor.
Tequesquite Solar operated at 6.21% capacity factor.
AP North Lake Solar operated at 16.46% capacity factor.
Camelot Solar2 operated at 26.24% capacity factor.
Bigsky Solar3 operated at 28.34% capacity factor.
Bigsky Solar7 operated at 26.13% capacity factor.
Bigsky Solar1X operated at 26.30% capacity factor.

The attached graphical comparisons represent RPU's October:

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