



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: JUNE 13, 2022**

**GENERAL MANAGER'S REPORT**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – April 30, 2022**

Power Usage:

Wholesale Load (Vista): – 163,420 MWH (Chart 1)

Peak Demand: – 422 MW of which 283 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,888
b) Coal	16,617
c) Large Hydroelectric	3,182
d) Natural Gas	6,300
e) Renewables	93,292
f) Inter SC Trades	41,200
g) Green Inter SC Trades	-
h) CAISO Purchases	(4,059)
Total:	<u>163,420</u>

**Total Green Power Supply – 93,292 MWH** which yields 57.09% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 73.59% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 16.85% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,182 MWH.

Natural Gas: Clearwater's availability was 85.00% for the month.  
 RERC's (Units 1, 2, 3 and 4) availability was 100.00% for the month.  
 Springs's (Units 1, 2, 3 and 4) availability was 99.93% for the month.

Renewable: CALPPA units operated at 91.63% capacity factor for the month.  
Wintec operated at 45.24% capacity factor.  
WKN operated at 54.87% capacity factor.  
Transwind operated at 7.78% capacity factor.  
Kingbird Solar operated at 40.71% capacity factor.  
Tequesquite Solar operated at 25.18% capacity factor.  
AP North Lake Solar operated at 23.24% capacity factor.  
Camelot Solar2 operated at 37.30% capacity factor.  
Bigsky Solar3 operated at 41.30% capacity factor.  
Bigsky Solar7 operated at 38.25% capacity factor.  
Bigsky Solar1X operated at 40.43% capacity factor.

The attached graphical comparisons represent RPU April:

- 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