



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: September 13, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – July 31, 2021

Power Usage:

Wholesale Load (Vista): – 258,011 MWH (Chart 1)

Peak Demand: – 551 MW of which 394 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,204
b) Coal	86,982
c) Large Hydroelectric	2,622
d) Natural Gas	14,925
e) Renewables	73,906
f) Inter SC Trades	10,400
g) Green Inter SC Trades	-
h) CAISO Purchases	59,972
Total:	258,011

Total Green Power Supply – 73,906 MWH which yields 28.64% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 95.16% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 85.34% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,622 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.87% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 99.98% for the month.

Renewable: CALPPA units operated at 66.49% capacity factor for the month.

Wintec operated at 39.69% capacity factor.
WKN operated at 34.53% capacity factor.
Transwind operated at 14.11% capacity factor.
Kingbird Solar operated at 42.88% capacity factor.
Tequesquite Solar operated at 11.33% capacity factor.
AP North Lake Solar operated at 30.11% capacity factor.
Camelot Solar2 operated at 38.81% capacity factor.
Bigsky Solar3 operated at 39.23% capacity factor.
Bigsky Solar7 operated at 37.63% capacity factor.
Bigsky Solar1X operated at 35.30% capacity factor.

The attached graphical comparisons represent RPU's July:

- 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