



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 10, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – MARCH 31, 2021

Power Usage:

Wholesale Load (Vista): – 157,755 MWH (Chart 1)

Peak Demand: – 273 MW of which 166 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,393
b) Coal	29,243
c) Large Hydroelectric	3,049
d) Natural Gas	5,362
e) Renewables	81,185
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	29,523
Total:	157,755

Total Green Power Supply – 81,185 MWH which yields 51.46% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 97.12% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 28.69% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,049 MWH.

Natural Gas: Clearwater's availability was 53.76% for the month.
 RERC's (Units 1, 2, 3 and 4) availability was 94.39% for the month.
 Springs's (Units 1, 2, 3 and 4) availability was 99.76% for the month.

Renewable: CALPPA units operated at 87.96% capacity factor for the month.
Wintec operated at 21.08% capacity factor.
WKN operated at 0.08% capacity factor.
Transwind operated at 12.37% capacity factor.
Kingbird Solar operated at 34.73% capacity factor.
Tequesquite Solar operated at 19.92% capacity factor.
AP North Lake Solar operated at 23.31% capacity factor.
Camelot Solar2 operated at 30.34% capacity factor.
Bigsky Solar3 operated at 33.16% capacity factor.
Bigsky Solar7 operated at 31.27% capacity factor.
Bigsky Solar1X operated at 28.34% capacity factor.

The attached graphical comparisons represent RPU's March:

- 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