



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 12, 2021

GENERAL MANAGERS REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – FEBRUARY 28, 2021

Power Usage:

Wholesale Load (Vista): – 142,245 MWH (Chart 1)

Peak Demand: – 259 MW of which 207 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	7,995
b) Coal	54,783
c) Large Hydroelectric	1,945
d) Natural Gas	1,727
e) Renewables	68,357
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	7,438
Total:	142,245

Total Green Power Supply – **68,357 MWH** which yields 48.06% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 91.52% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 59.51% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 19 MW, with energy entitlement of 1,945 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.93% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 99.26% for the month.

Renewable: CALPPA units operated at 84.65% capacity factor for the month.
Wintec operated at 16.15% capacity factor.
WKN operated at 22.04% capacity factor.
Transwind operated at 7.78% capacity factor.
Kingbird Solar operated at 28.09% capacity factor.

Tequesquite Solar operated at 18.46% capacity factor.
AP North Lake Solar operated at 20.83% capacity factor.
Camelot Solar2 operated at 25.33% capacity factor.
Bigsky Solar3 operated at 28.57% capacity factor.
Bigsky Solar7 operated at 26.30% capacity factor.
Bigsky Solar1X operated at 26.18% capacity factor.

The attached graphical comparisons represent RPU's February:

- 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