



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MARCH 8, 2021

GENERAL MANAGERS REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – January, 2021

Power Usage:

Wholesale Load (Vista): – 158,889 MWH (Chart 1)
 Peak Demand: – 274 MW of which 306 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,672
b) Coal	37,760
c) Large Hydroelectric	1,888
d) Natural Gas	1,711
e) Renewables	59,167
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	<u>48,692</u>
Total:	158,889

Total Green Power Supply – 59,167 MWH which yields 37.24% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 100.00% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 37.08% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 19 MW, with energy entitlement of 1,888 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
 RERC's (Units 1, 2, 3 and 4) availability was 99.97% for the month.
 Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 69.51% capacity factor for the month.
 Wintec operated at 12.09% capacity factor.
 WKN operated at 0.94% capacity factor.
 Transwind operated at 4.67% capacity factor.
 Kingbird Solar operated at 19.89% capacity factor.
 Tequesquite Solar operated at 15.47% capacity factor.
 AP North Lake Solar operated at 15.11% capacity factor.
 Camelot Solar2 operated at 20.37% capacity factor.
 Bigsky Solar3 operated at 19.88% capacity factor.
 Bigsky Solar7 operated at 17.38% capacity factor.
 Bigsky Solar1X operated at 21.34% capacity factor.

The attached graphical comparisons represent RPU's January:
 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