



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: January 11, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – November 2020

Power Usage:

Wholesale Load (Vista): – 157,795 MWH (Chart 1)

Peak Demand: – 352 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	6,337
b) Coal	53,149
c) Large Hydroelectric	2,344
d) Natural Gas	3,357
e) Renewables	75,723
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	16,885
Total:	157,795

Total Green Power Supply – 75,723 MWH which yields 47.99% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 67.70% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 53.88% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,344 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 46.67% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 98.95% capacity factor for the month.
Wintec operated at 9.25% capacity factor.
WKN operated at 14.68% capacity factor.
Transwind operated at 0.46% capacity factor.
Kingbird Solar operated at 23.24% capacity factor.
Tequesquite Solar operated at 15.29% capacity factor.
AP North Lake Solar operated at 13.85% capacity factor.
Camelot Solar2 operated at 21.02% capacity factor.
Bigsky Solar3 operated at 21.55% capacity factor.
Bigsky Solar7 operated at 20.07% capacity factor.
Bigsky Solar1X operated at 22.09% capacity factor.

The attached graphical comparisons represent RPU's November:

- 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