



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE** February 8, 2021

**GENERAL MANAGERS REPORT**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – December 2020**

Power Usage:

Wholesale Load (Vista): – 162,431 MWH (Chart 1)

Peak Demand: – 271 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	8,636
b) Coal	44,054
c) Large Hydroelectric	1,558
d) Natural Gas	8,095
e) Renewables	69,603
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	30,484
Total:	162,431

**Total Green Power Supply** – **69,603 MWH** which yields 42.85% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 89.29% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 43.22% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 19 MW, with energy entitlement of 1,558 MWH.

Natural Gas: Clearwater's availability was 79.23% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 99.84% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 77.42% for the month.

Renewable: CALPPA units operated at 89.75% capacity factor for the month.  
Wintec operated at 10.39% capacity factor.  
WKN operated at 9.47% capacity factor.  
Transwind operated at 2.40% capacity factor.  
Kingbird Solar operated at 18.73% capacity factor.  
Tequesquite Solar operated at 7.58% capacity factor.  
AP North Lake Solar operated at 9.78% capacity factor.  
Camelot Solar2 operated at 18.66% capacity factor.  
Bigsky Solar3 operated at 18.25% capacity factor.  
Bigsky Solar7 operated at 16.03% capacity factor.  
Bigsky Solar1X operated at 16.74% capacity factor.

The attached graphical comparisons represent RPU's December:

- 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