



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: NOVEMBER 8, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY POWER SUPPLY REPORT – September 30, 2021

Power Usage:

Wholesale Load (Vista): – 224,312 MWH (Chart 1)

Peak Demand: – 556 MW of which 488 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,024
b) Coal	81,456
c) Large Hydroelectric	1,847
d) Natural Gas	8,928
e) Renewables	58,603
f) Inter SC Trades	34,000
g) Green Inter SC Trades	-
h) CAISO Purchases	30,453
Total:	224,312

Total Green Power Supply – 58,603 MWH which yields 26.13% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 96.41% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 82.58% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 18 MW, with energy entitlement of 1,847 MWH.

Natural Gas: Clearwater's availability was 98.75% for the month.
RERC's (Units 1, 2, 3 and 4) availability was 99.91% for the month.
Springs's (Units 1, 2, 3 and 4) availability was 95.63% for the month.

Renewable: CALPPA units operated at 52.98% capacity factor for the month.

Wintec operated at 41.31% capacity factor.
WKN operated at 34.48% capacity factor.
Transwind operated at 14.97% capacity factor.
Kingbird Solar operated at 36.50% capacity factor.
Tequesquite Solar operated at 4.43% capacity factor.
AP North Lake Solar operated at 20.05% capacity factor.
Camelot Solar2 operated at 32.33% capacity factor.
Bigsky Solar3 operated at 32.53% capacity factor.
Bigsky Solar7 operated at 31.57% capacity factor.
Bigsky Solar1X operated at 31.83% capacity factor.

The attached graphical comparisons represent RPU's September:

- 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