



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE** SEPTEMBER 14, 2020

**GENERAL MANAGERS REPORT  
ITEM NO: 13**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – July, 2020**

Power Usage:

Wholesale Load (Vista): – 235,385 MWH (Chart 1)

Peak Demand: – 567 MW of which 521 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,336
b) Coal	42,819
c) Large Hydroelectric	2,872
d) Natural Gas	11,789
e) Renewables	99,737
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	68,833
Total:	235,385

**Total Green Power Supply** – **99,737 MWH** which yields 42.37% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 96.53% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 42.01% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,872 MWH.

Natural Gas: Clearwater's availability was 95.53% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 95.04% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 96.69% capacity factor for the month.  
Wintec operated at 62.63% capacity factor.  
WKN operated at 4.69% capacity factor.  
Transwind operated at 22.89% capacity factor.  
Kingbird Solar operated at 47.39% capacity factor.  
Tequesquite Solar operated at 29.36% capacity factor.  
AP North Lake Solar operated at 38.76% capacity factor.  
Camelot Solar2 operated at 45.21% capacity factor.  
Bigsky Solar3 operated at 43.99% capacity factor.  
Bigsky Solar7 operated at 43.01% capacity factor.  
Bigsky Solar1X operated at 40.87% capacity factor.

The attached graphical comparisons represent RPU's July:

- 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