



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** OCTOBER 23, 2019

**GENERAL MANAGERS REPORT  
ITEM NO: 15**

**SUBJECT: MONTHLY POWER SUPPLY REPORT – August, 2019**

Power Usage:

Wholesale Load (Vista): – 253,563 MWH (Chart 1)

Peak Demand: – 550 MW of which 515 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	8,996
b) Coal	49,403
c) Large Hydroelectric	2,571
d) Natural Gas	9,517
e) Renewables	89,012
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	94,424
Total:	253,563

**Total Green Power Supply – 89,012 MWH** which yields 35.10% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 93.01% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 48.12% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 22 MW, with energy entitlement of 2,571 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 98.88% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: Salton Sea units operated at 85.35% capacity factor for the month.  
Vulcan unit operated at 85.27% capacity factor for the month.  
Wintec operated at 25.97% capacity factor.  
WKN operated at 43.22% capacity factor.  
Transwind operated at 19.90% capacity factor.  
Kingbird Solar operated at 37.49% capacity factor.  
Tequesquite Solar operated at 29.02% capacity factor.  
AP North Lake Solar operated at 31.15% capacity factor.  
Camelot Solar2 operated at 36.40% capacity factor.  
Bigsky Solar3 operated at 40.77% capacity factor.  
Bigsky Solar7 operated at 38.36% capacity factor.  
Bigsky Solar1X operated at 41.95% capacity factor.

The attached graphical comparisons represents RPU's August:

- 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