



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