



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

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**BOARD OF PUBLIC UTILITIES****DATE: SEPTEMBER 12, 2022****GENERAL MANAGER'S REPORT****SUBJECT:      MONTHLY POWER SUPPLY REPORT – JULY 31, 2022****Power Usage:**

Wholesale Load (Vista):    –    247,465 MWH (Chart 1)

Peak Demand:                –    527 MW of which 481 MW came from RVSD available resources (Chart 2)

**RVSD Energy Mix (Chart 1):**

	<u>Resource</u>	<u>MWH</u>
a)	Nuclear	9,266
b)	Coal	55,611
c)	Large Hydroelectric	2,433
d)	Natural Gas	14,000
e)	Renewables	91,523
f)	Inter SC Trades	14,400
g)	Green Inter SC Trades	-
h)	CAISO Purchases	60,231
	Total:	247,465

**Total Green Power Supply**    –    **91,523 MWH** which yields 36.98% of the Total Wholesale Load Requirement

**Resource Availability:**

Nuclear:      Palo Verde units 1, 2 and 3 operated at 95.80% capacity factor for the month.

Coal:           IPP units 1 and 2 operated at 54.56% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 17 MW, with energy entitlement of 2,433 MWH.

Natural Gas: Clearwater's availability was 100.00% for the month.

RERC's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.

Renewable: CALPPA units operated at 87.20% capacity factor for the month.  
Wintec operated at 24.12% capacity factor.  
WKN operated at 36.89% capacity factor.  
Transwind operated at 5.07% capacity factor.  
Kingbird Solar operated at 44.94% capacity factor.  
Tequesquite Solar operated at 24.72% capacity factor.  
AP North Lake Solar operated at 17.35% capacity factor.  
Camelot Solar2 operated at 40.35% capacity factor.  
Bigsky Solar3 operated at 39.41% capacity factor.  
Bigsky Solar7 operated at 38.36% capacity factor.  
Bigsky Solar1X operated at 40.81% capacity factor.

The attached graphical comparisons represent RPU 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