



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE** JUNE 10, 2019

**GENERAL MANAGERS REPORT  
ITEM NO:**

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

Power Usage:

Wholesale Load (Vista): – 161,532 MWH (Chart 1)

Peak Demand: – 324 MW of which 189 MW came from RVSD available resources (Chart 2)

RVSD Energy Mix (Chart 1):

<u>Resource</u>	<u>MWH</u>
a) Nuclear	6,792
b) Coal	16,110
c) Large Hydroelectric	3,066
d) Natural Gas	8,849
e) Renewables	69,022
f) Inter SC Trades	-
g) Green Inter SC Trades	-
h) CAISO Purchases	57,692
Total:	161,532

**Total Green Power Supply** – **69,022 MWH** which yields 42.73% of the Total Wholesale Load Requirement

Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 72.56% capacity factor for the month.

Coal: IPP units 1 and 2 operated at 16.33% capacity factor for the month.

Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 3,066 MWH.

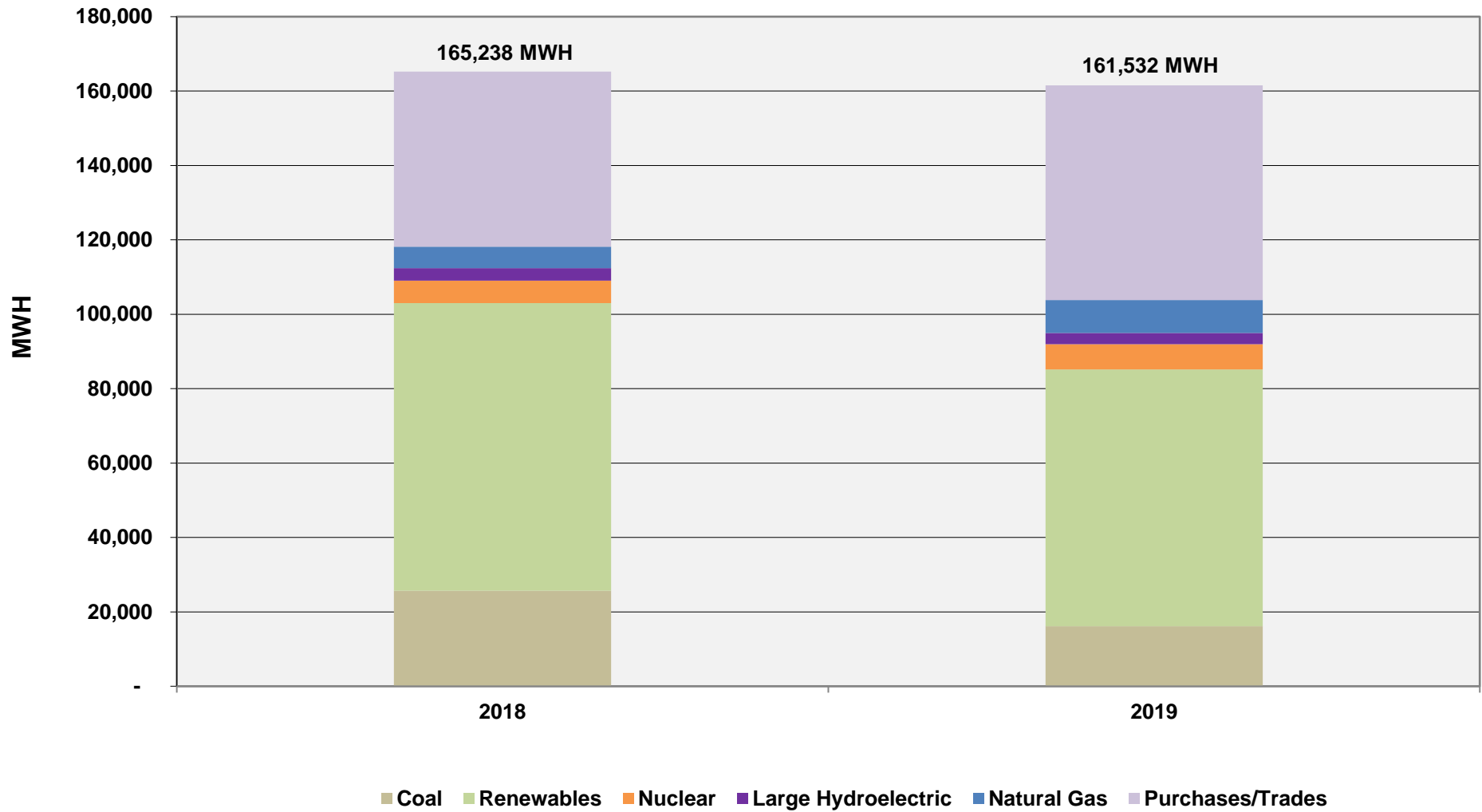
Natural Gas: Clearwater's availability was 100.00% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 98.77% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 98.75% for the month.

Renewable: Salton Sea units operated at 80.74% capacity factor for the month.  
Vulcan unit operated at 33.24% capacity factor for the month.  
Wintec operated at 54.81% capacity factor.  
WKN operated at 55.28% capacity factor.  
Transwind operated at 18.93% capacity factor.  
Kingbird Solar operated at 38.39% capacity factor.  
Tequesquite Solar operated at 26.90% capacity factor.  
AP North Lake Solar operated at 27.92% capacity factor.  
Camelot Solar2 operated at 38.98% capacity factor.  
Bigsky Solar3 operated at 36.27% capacity factor.  
Bigsky Solar7 operated at 36.96% capacity factor.  
Bigsky Solar1X operated at 38.19% capacity factor.

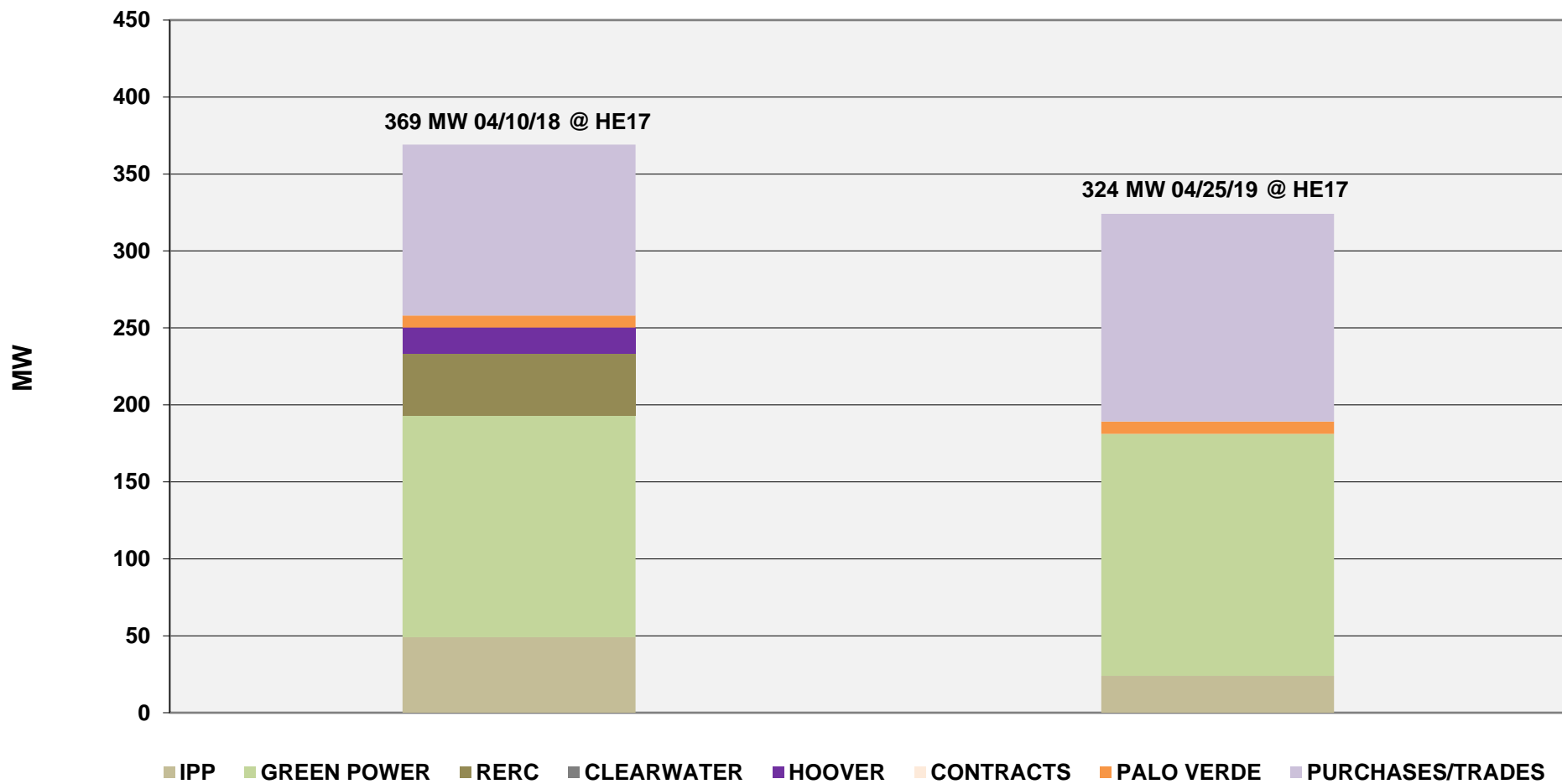
The attached graphical comparisons represents RPU's April:

- 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

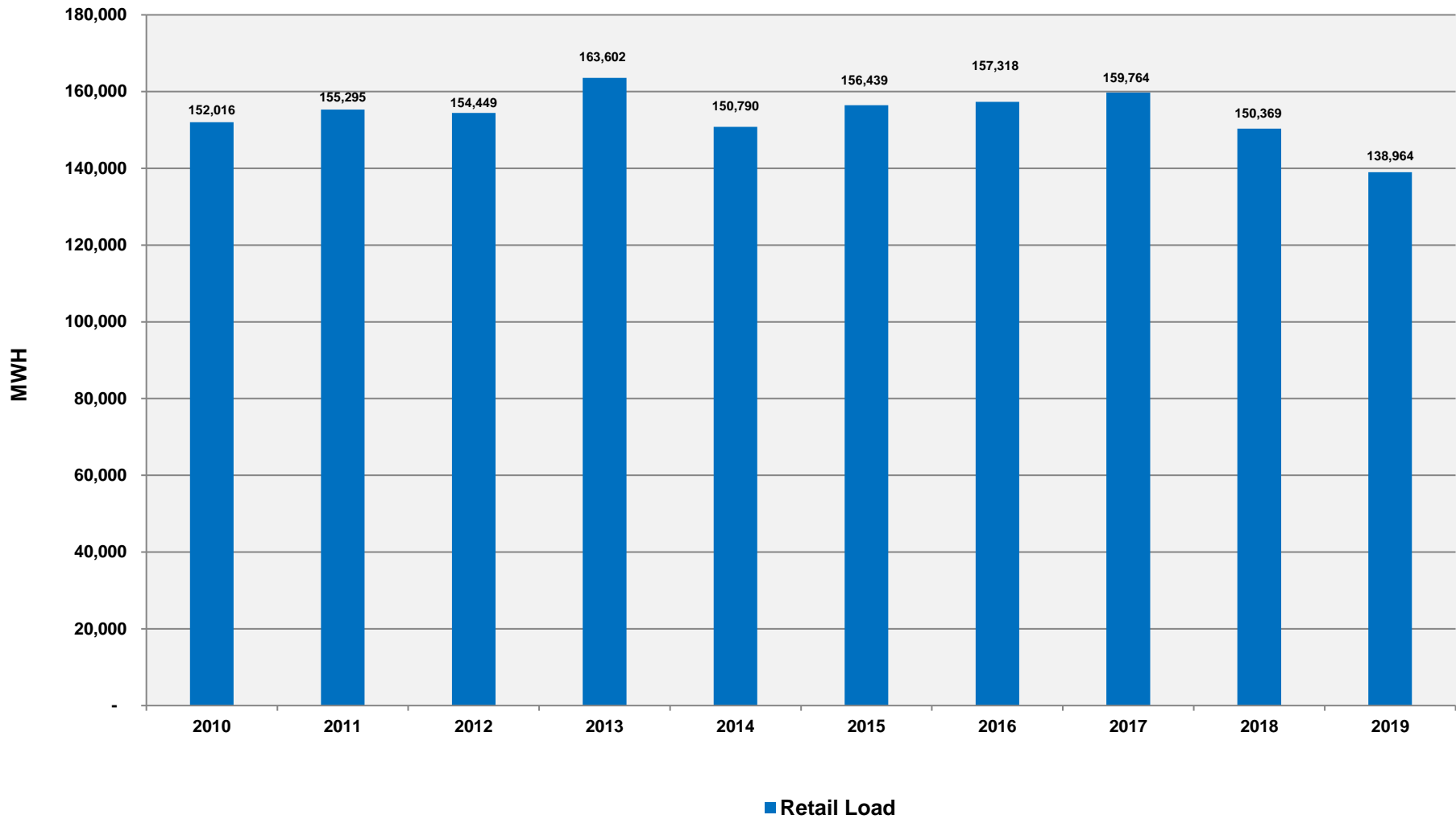
**Chart 1**  
**Total Energy Requirements/Resource Mix - April**



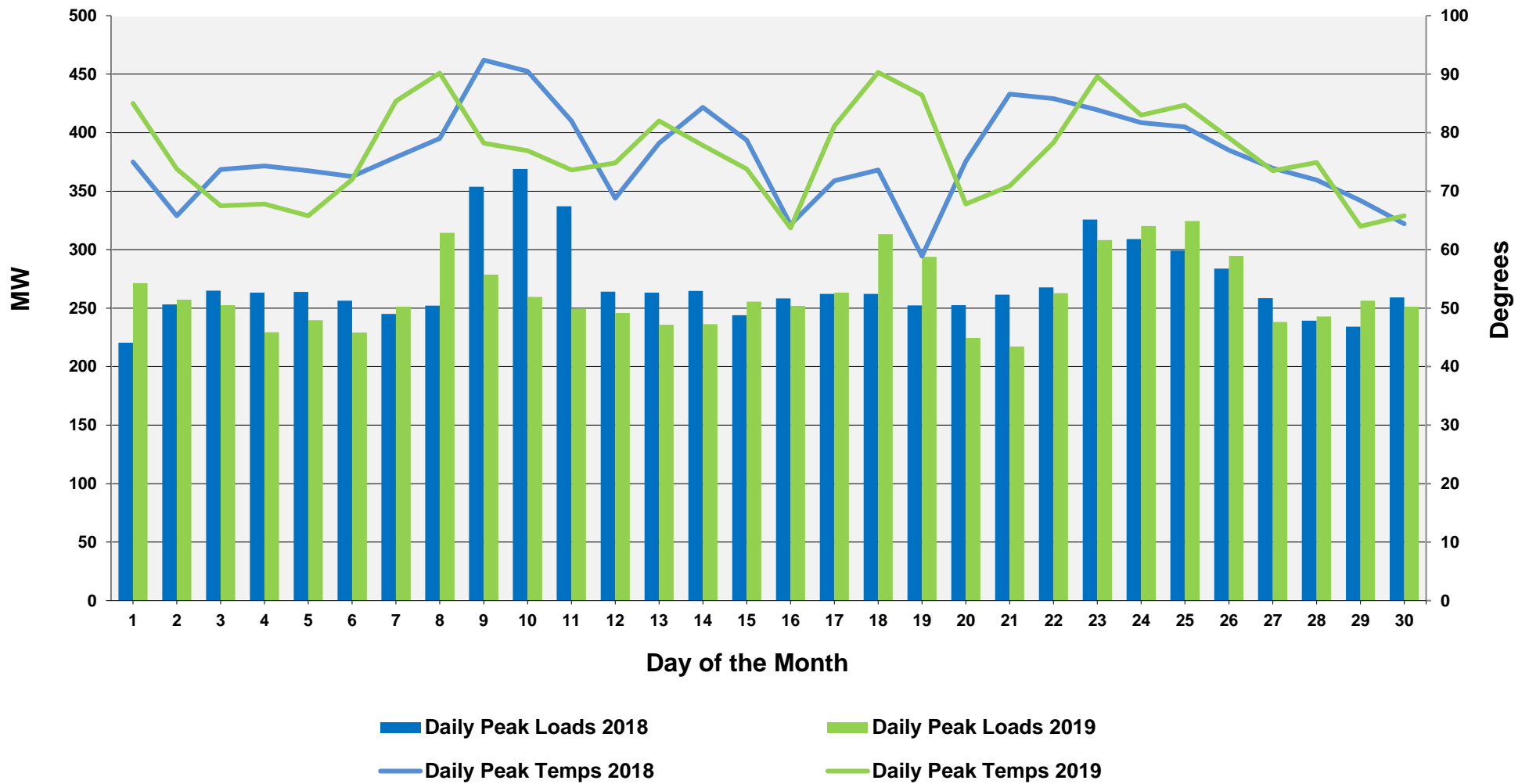
**Chart 2**  
**Peak Hour Total Capacity - April**



**Chart 3**  
**Retail Customer Load - April**



**Chart 4**  
**Daily Peak Load and Temperature Comparisons**  
**April**



**Chart 5**  
**Monthly Peak Load & Temperature**

