



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

### BOARD OF PUBLIC UTILITIES

DATE: AUGUST 8, 2016

GENERAL MANAGERS REPORT  
ITEM NO: 18

SUBJECT: **MONTHLY POWER SUPPLY REPORT – June 2016**

#### Power Usage:

Wholesale Load (Vista): – 223,483 MWH (Chart 1)  
Peak Demand: – 599 MW of which 446 MW came from RVSD available resources (Chart 2)

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

<u>Resource</u>	<u>MWH</u>
a) Nuclear	9,360
b) Coal	50,845
c) Large Hydroelectric	2,852
d) Natural Gas	9,826
e) Renewables	67,160
f) Inter SC Trades	23,600
g) Green Inter SC Trades	-
h) CAISO Purchases	59,839
Total:	223,483

Total Green Power Supply – 67,160 MWH which yields 30.05% of the Total Wholesale Load Requirement

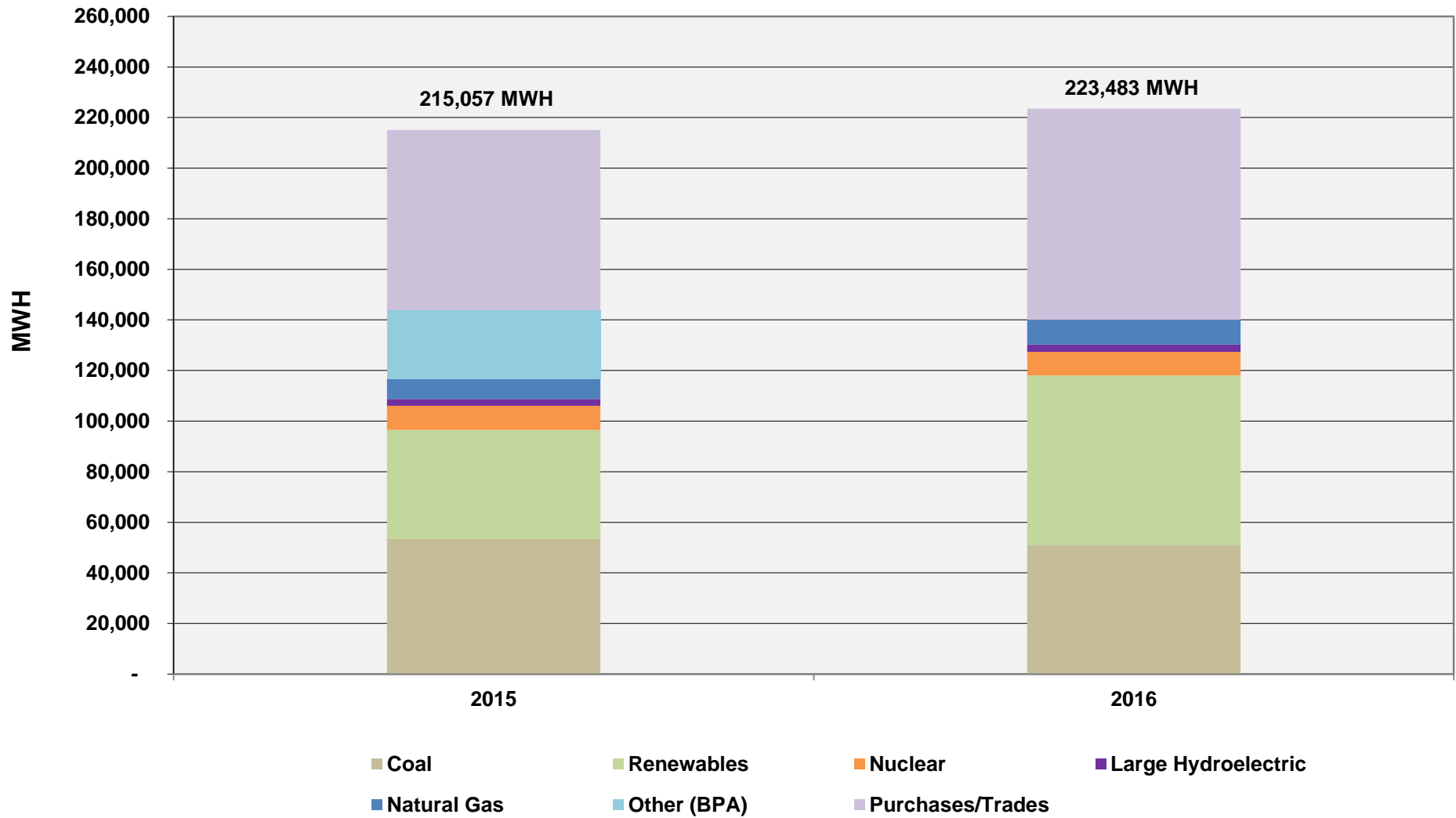
#### Resource Availability:

Nuclear: Palo Verde units 1, 2 and 3 operated at 100.00% capacity factor for the month.  
Coal: IPP units 1 and 2 operated at 51.55% capacity factor for the month.  
Large Hydro: Hoover, RVSD's capacity entitlement was 20 MW, with energy entitlement of 2,852 MWH.  
Natural Gas: Clearwater's availability was 83.17% for the month.  
RERC's (Units 1, 2, 3 and 4) availability was 99.58% for the month.  
Springs's (Units 1, 2, 3 and 4) availability was 100.00% for the month.  
Renewable: Salton Sea units operated at 96.17% capacity factor for the month.  
Vulcan unit operated at 83.11% capacity factor for the month.  
Wintec operated at 49.56% capacity factor.  
WKN operated at 49.52% capacity factor.  
Kingbird Solar operated at 44.91% capacity factor.  
Tequesquite Solar operated at 29.43% capacity factor.  
AP North Lake Solar operated at 36.10% capacity factor.  
Camelot Solar operated at 43.17% capacity factor.  
Transwind operated at 21.20% capacity factor.

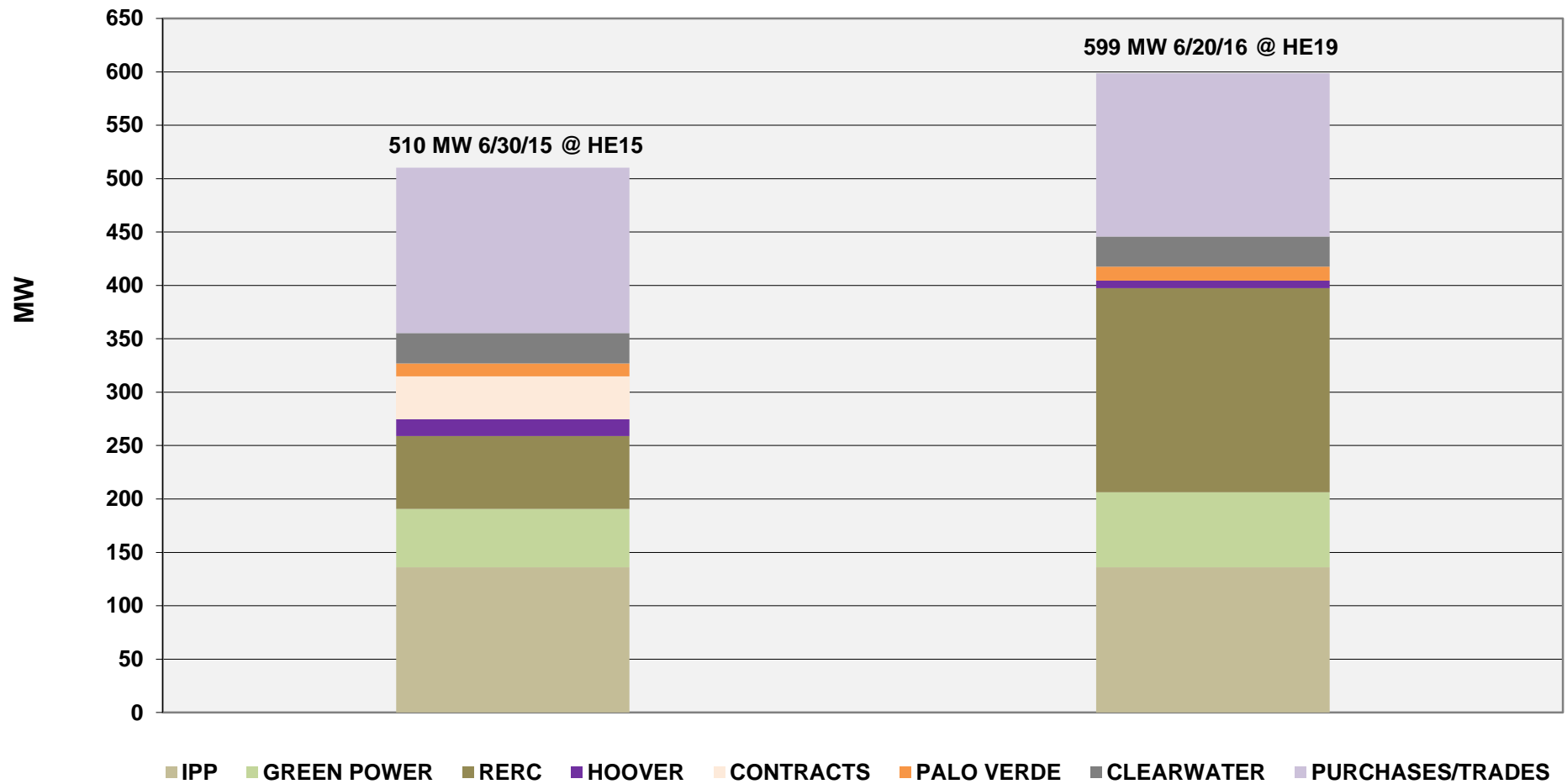
The attached graphical comparisons represents RPU's June:

- 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

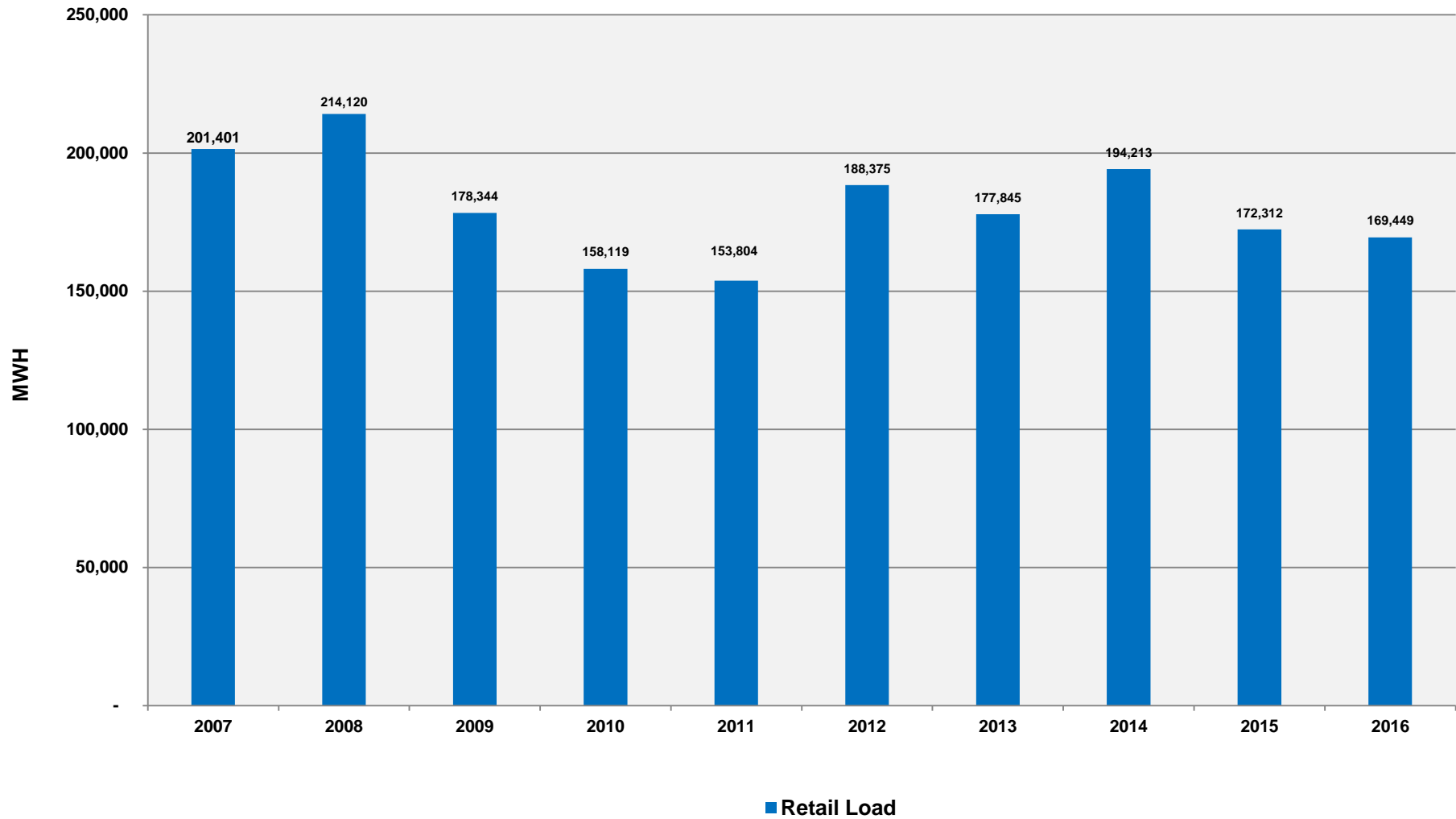
**Chart 1**  
**Total Energy Requirements/Resource Mix - June**



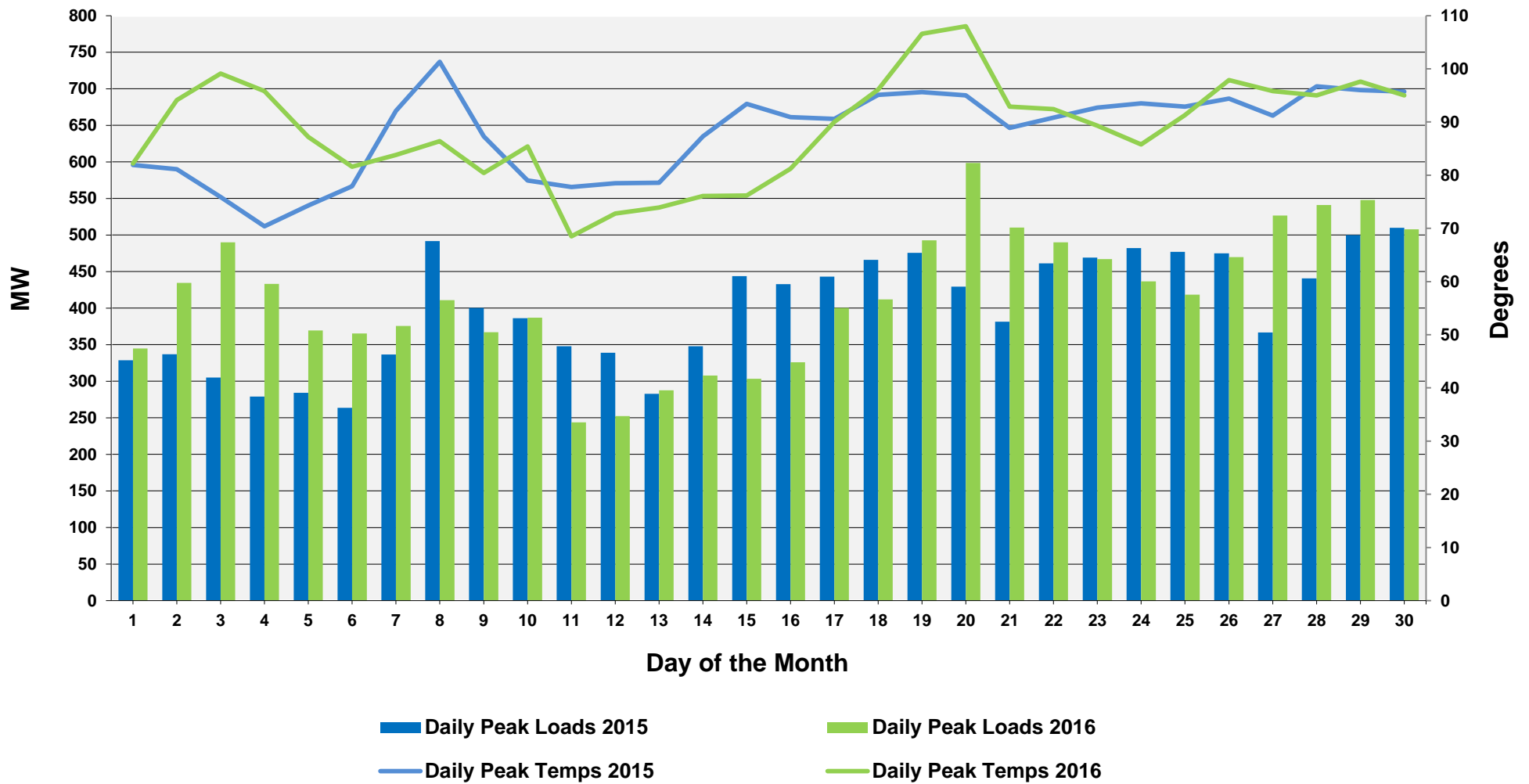
**Chart 2**  
**Peak Hour Total Capacity - June**



**Chart 3**  
**Retail Customer Load - June**



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



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

