



KENTUCKY MUNICIPAL ENERGY AGENCY

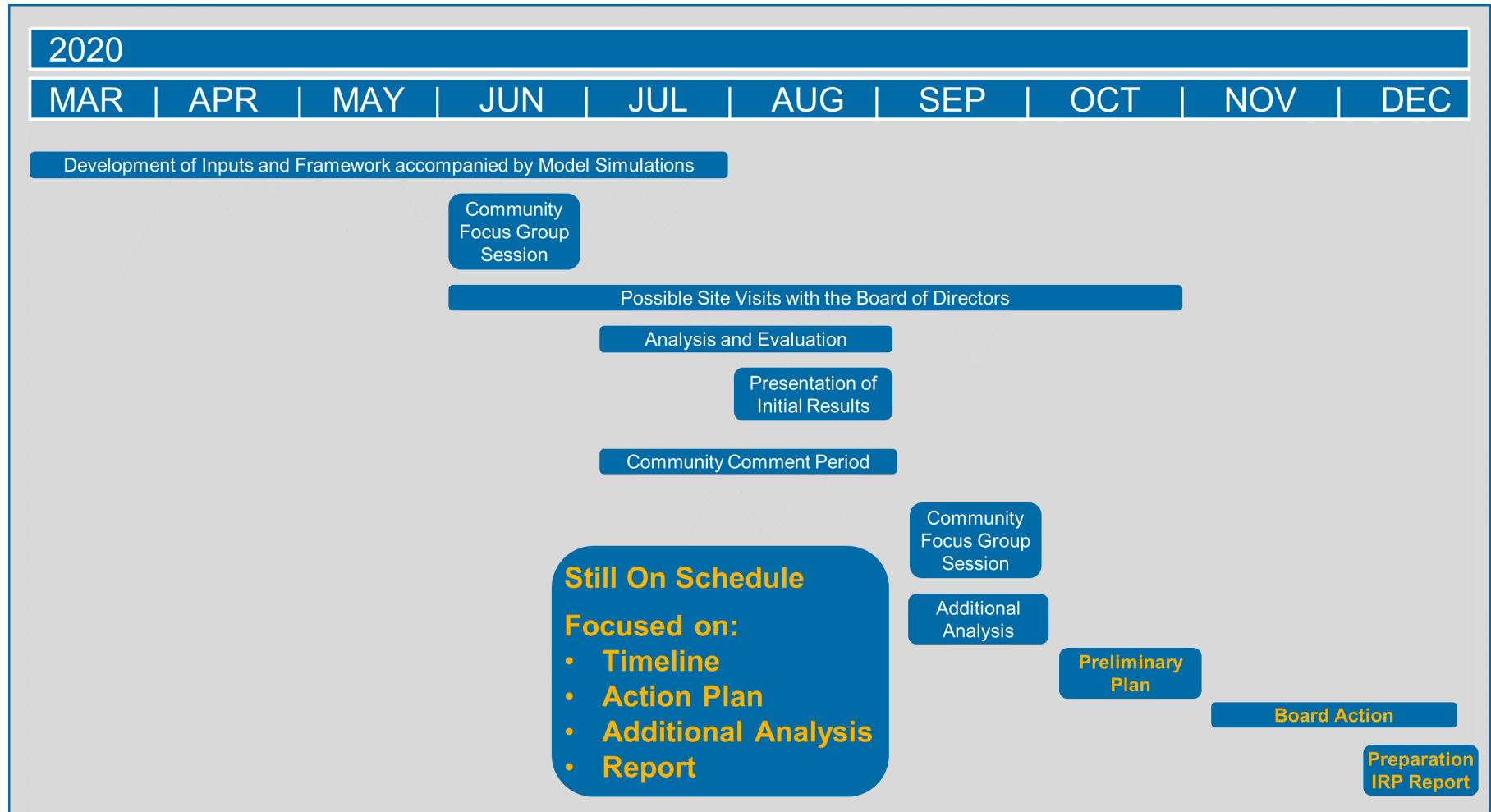


Integrated Resource Planning Schedule

Doug Buresh

September 24, 2020

IRP Key Tasks Timeline - 2020



Conditions for Peak Demand

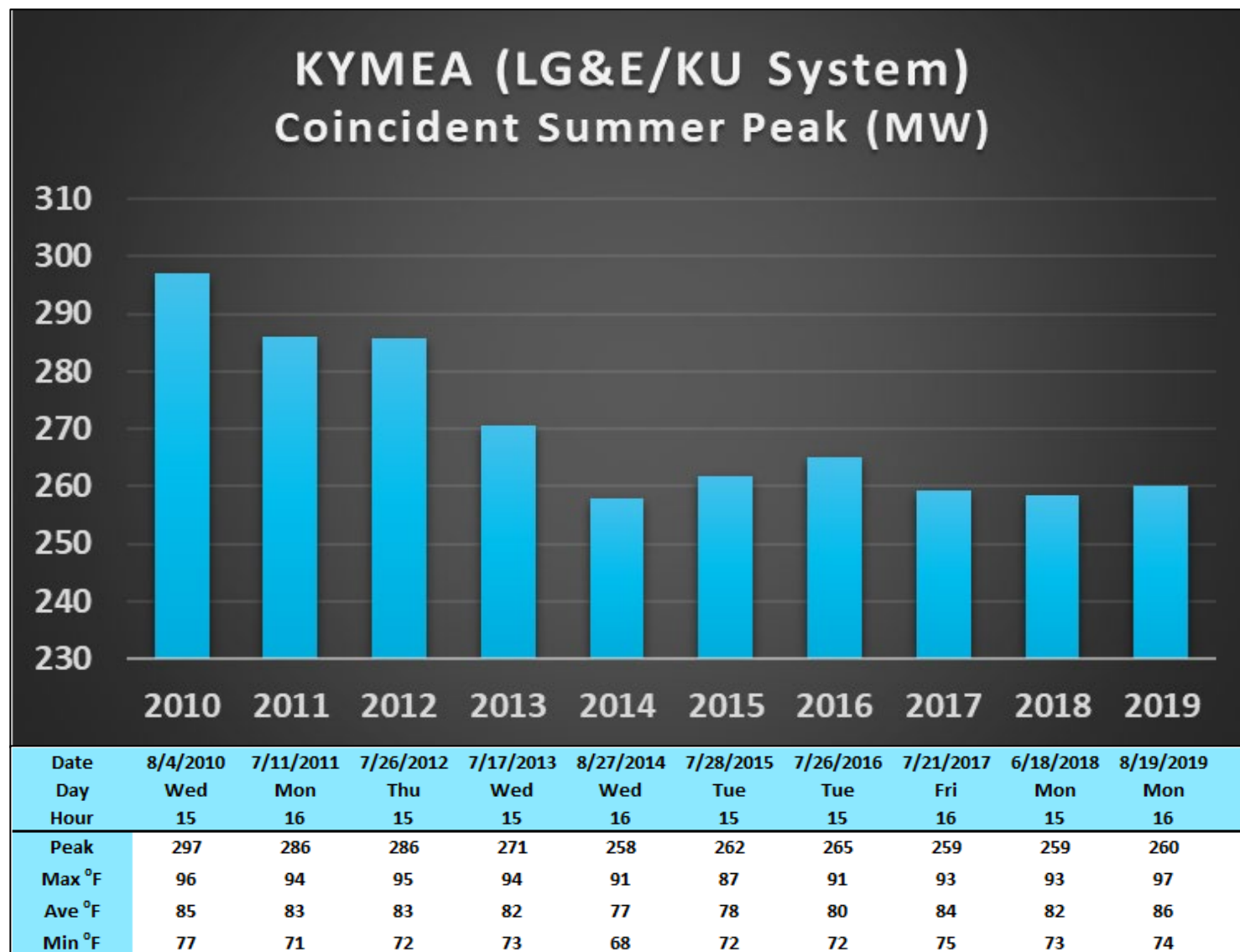
Occurrence of Peak Demand

- KYMEA is a summer peaking system
- Since 2010, KYMEA has winter peaked twice (2014 and 2015); however, maximum peak conditions occur in the summer

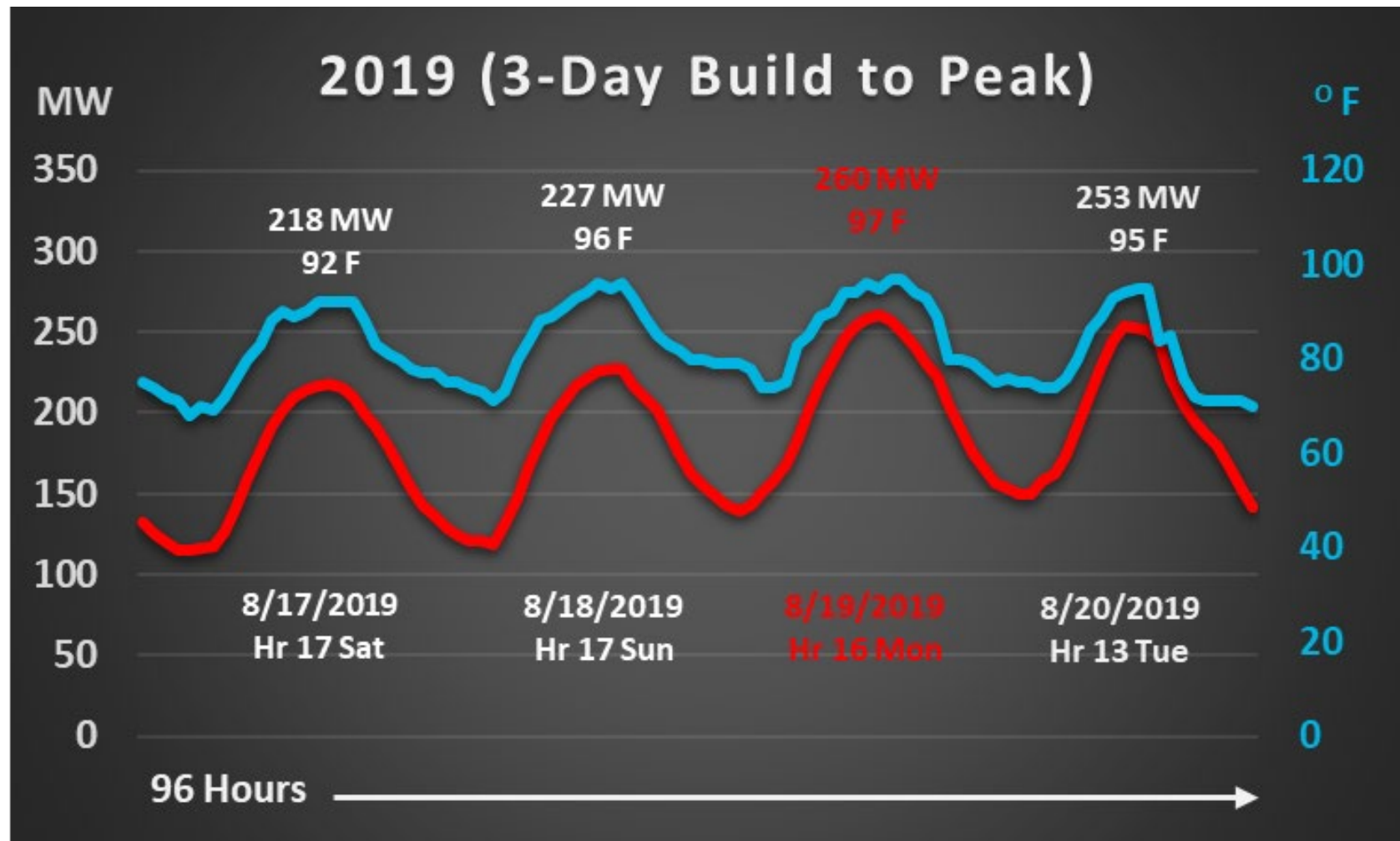
For Maximum Peak Conditions

- 3-day build of hot weather
- Third day occurs during the week

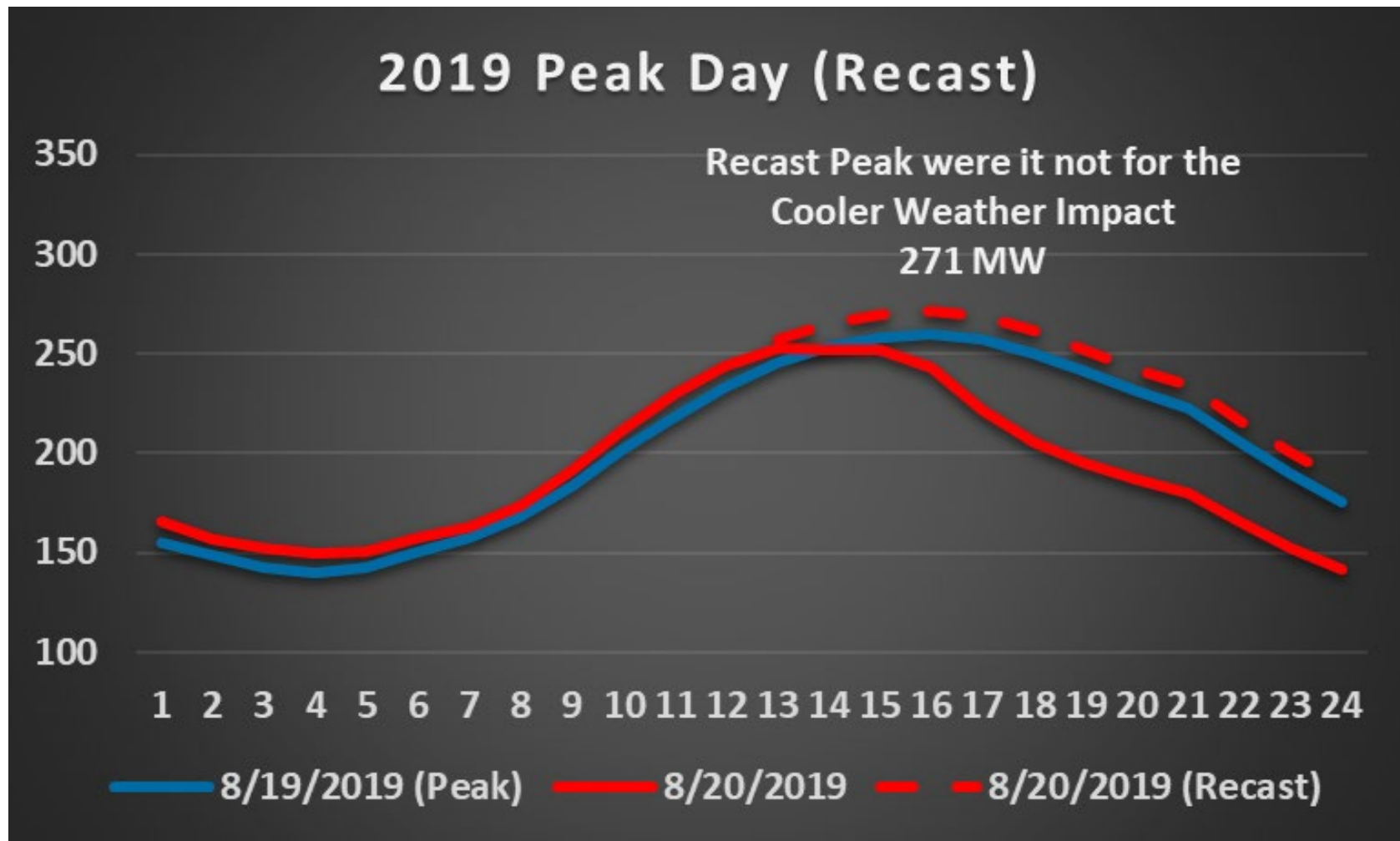
Historical Summer Peaks



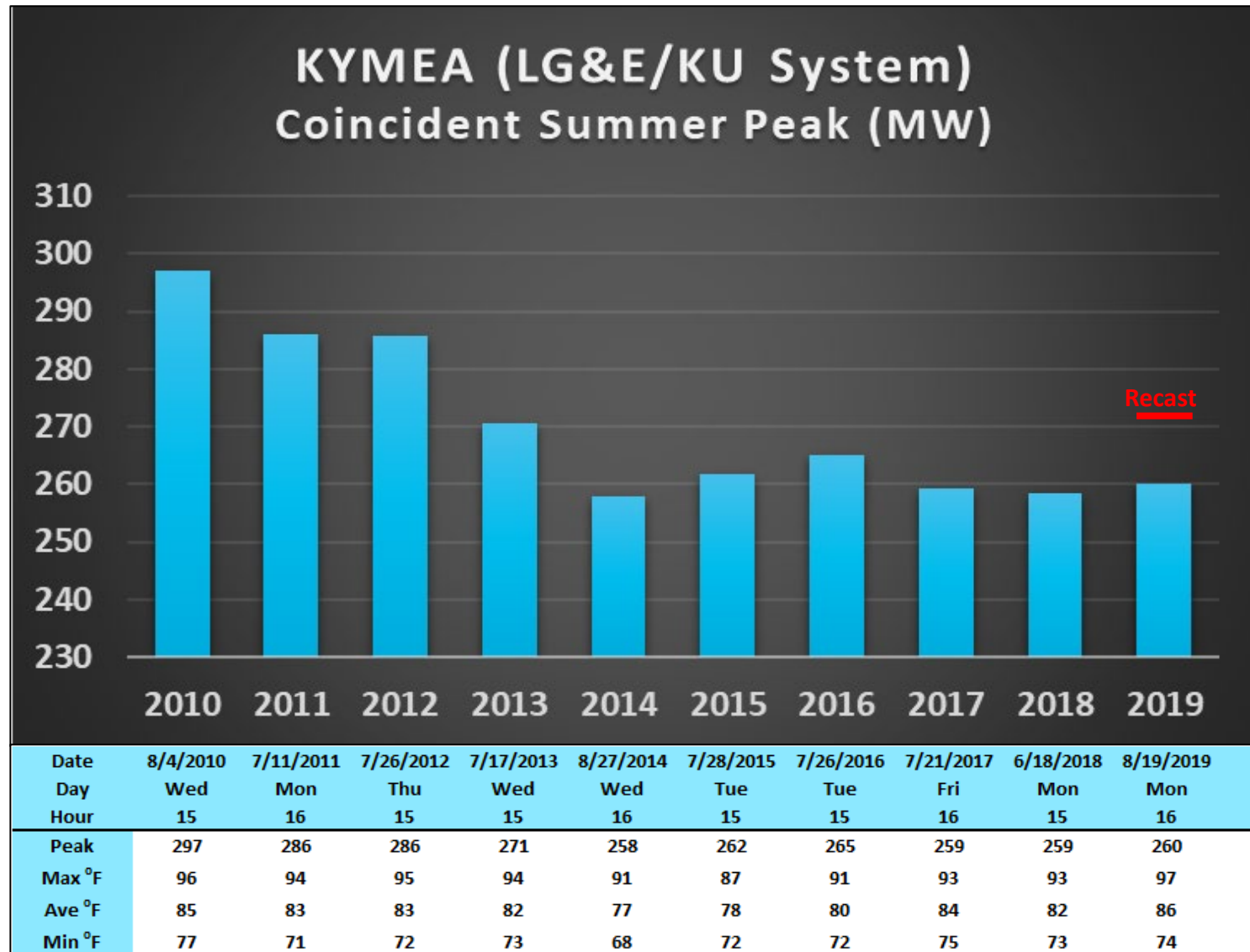
2019 Peak Demand



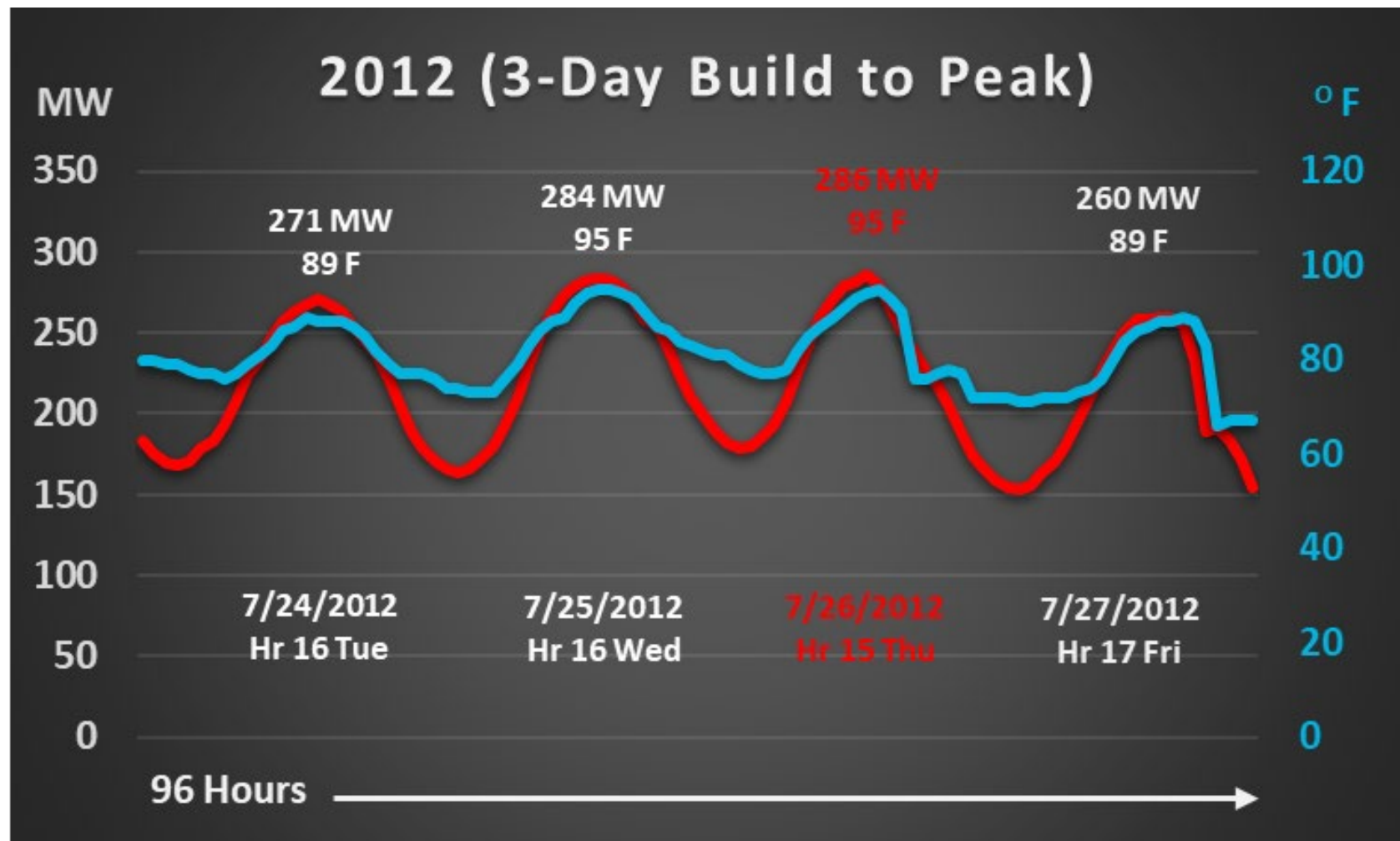
2019 Peak Demand "Recast"



Comparing 2019 Recast Peak



2012 Peak Demand



1-in-10 Peaking Temperature

