

# 2017 KY Distributed Renewable Interconnection Summary

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**DRAFT**

# Data Request

- Data was requested voluntarily from Kentucky's regulated utilities and TVA in January of 2018 for the previous calendar year.
- Data request included net metering and QF or other non net-metered renewable systems.
- Combined heat and power systems are not represented in the data with the exception of a biomass system on TVA's system.
- Municipal utilities data and off-grid systems are not included in the data request.
- Data summary represents data submitted as of January 25, 2018

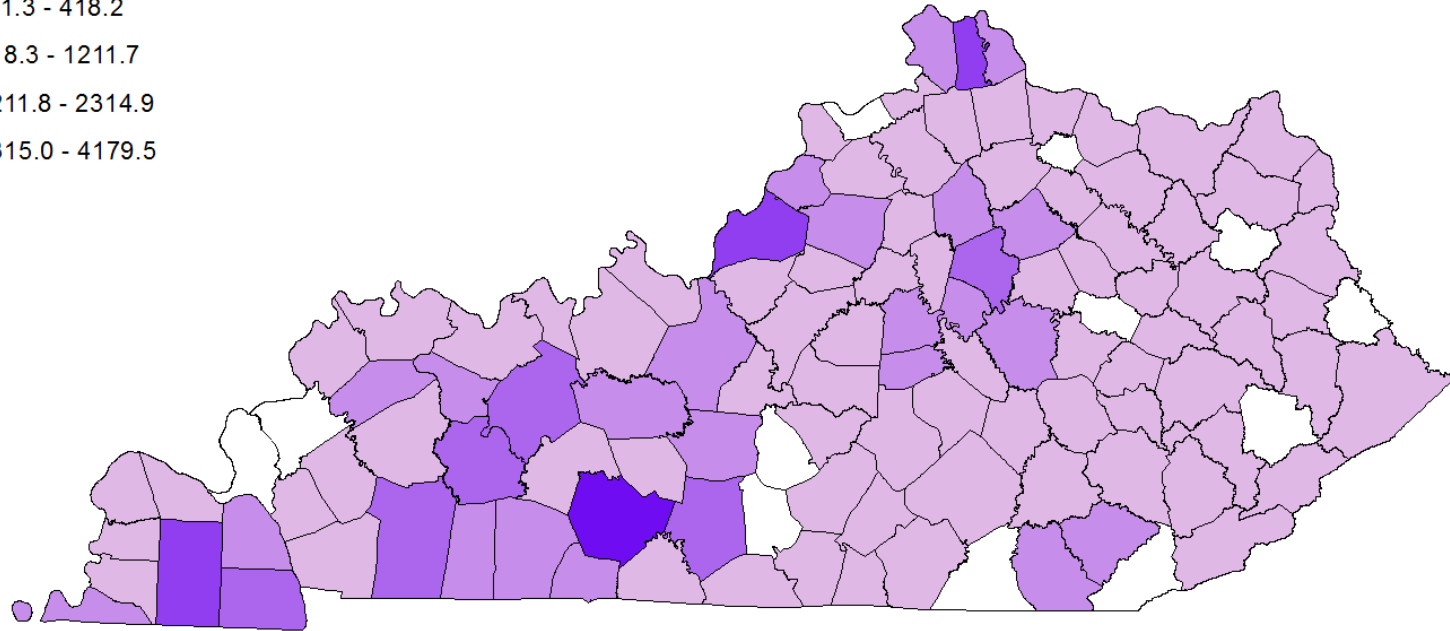
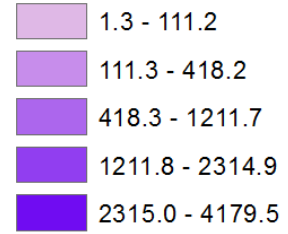
# Summary

- Kentucky has ~22 MW of distributed renewable resources interconnected
- 35% is interconnected via net-metering
- 65% is interconnected via a non net-metering arrangement
- 95% of the distributed renewable is solar; however, wind, hydro, and biomass are represented.
- Distributed renewables are geographically dispersed across the state (next slide).

# Total Distributed Renewables

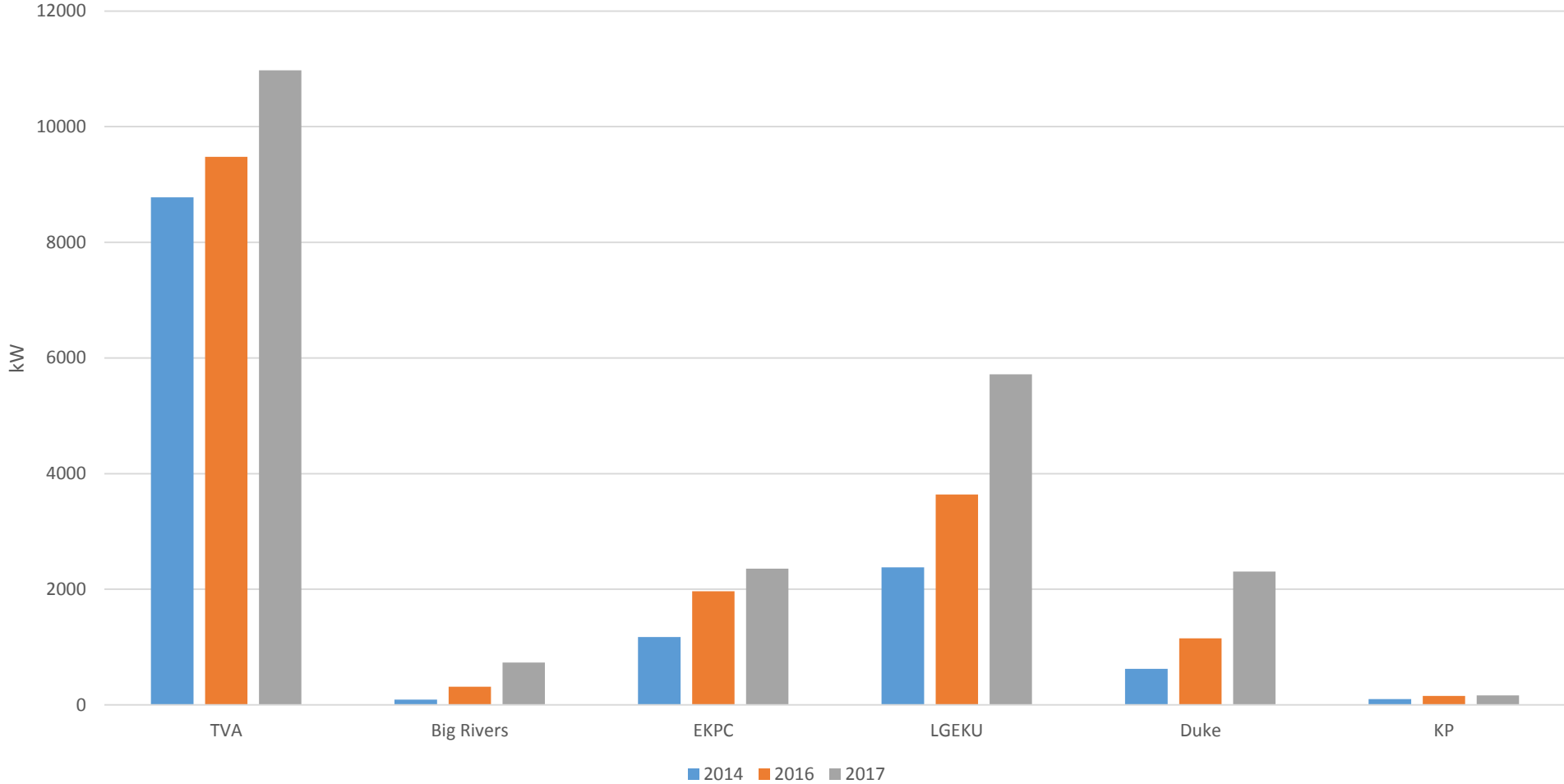
## County Boundary Polygons

### Installed\_kW



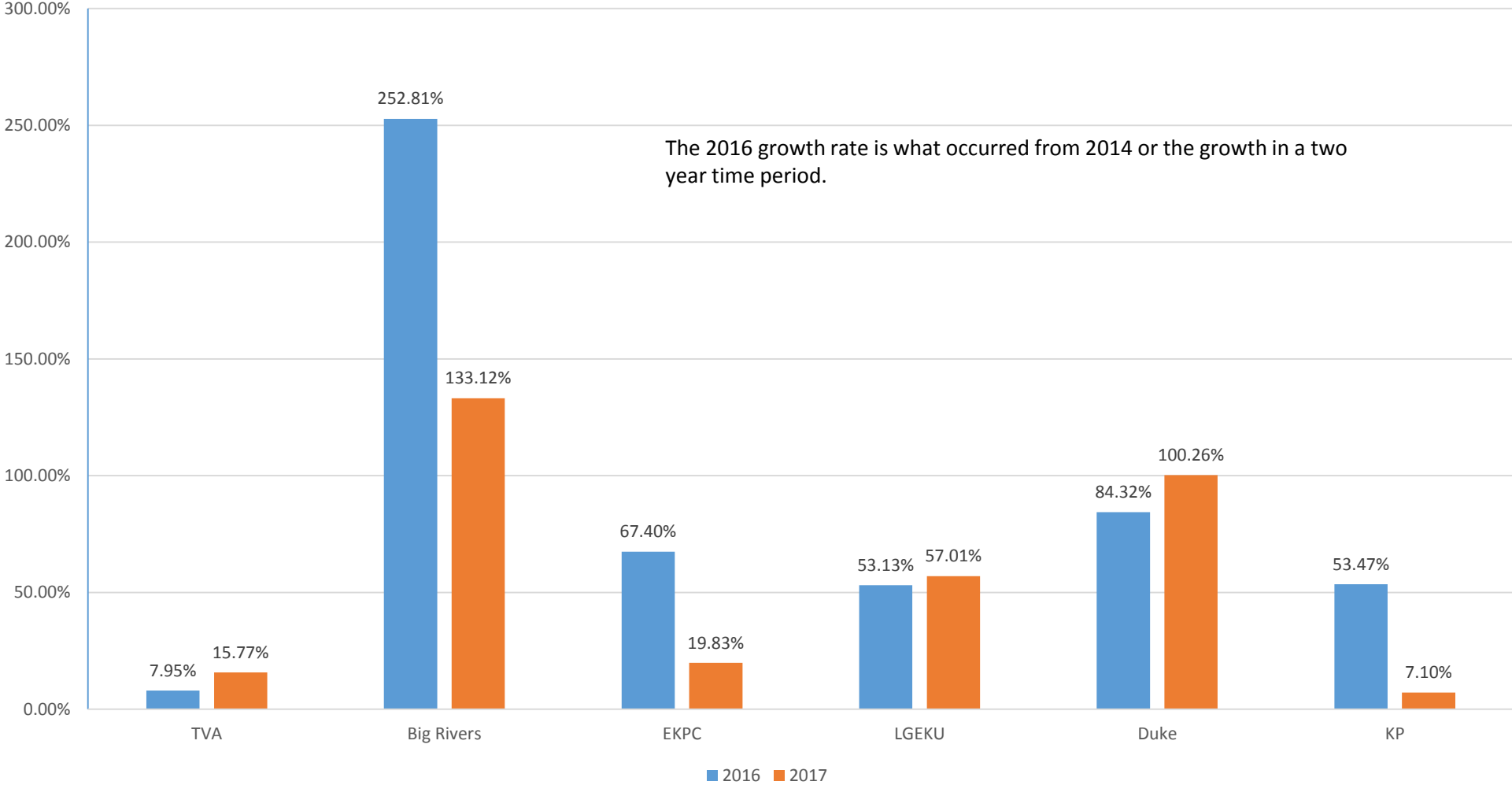
# Distributed Renewable Resources Growth

Installed Capacity  
( Distributed Renewable Interconnections)

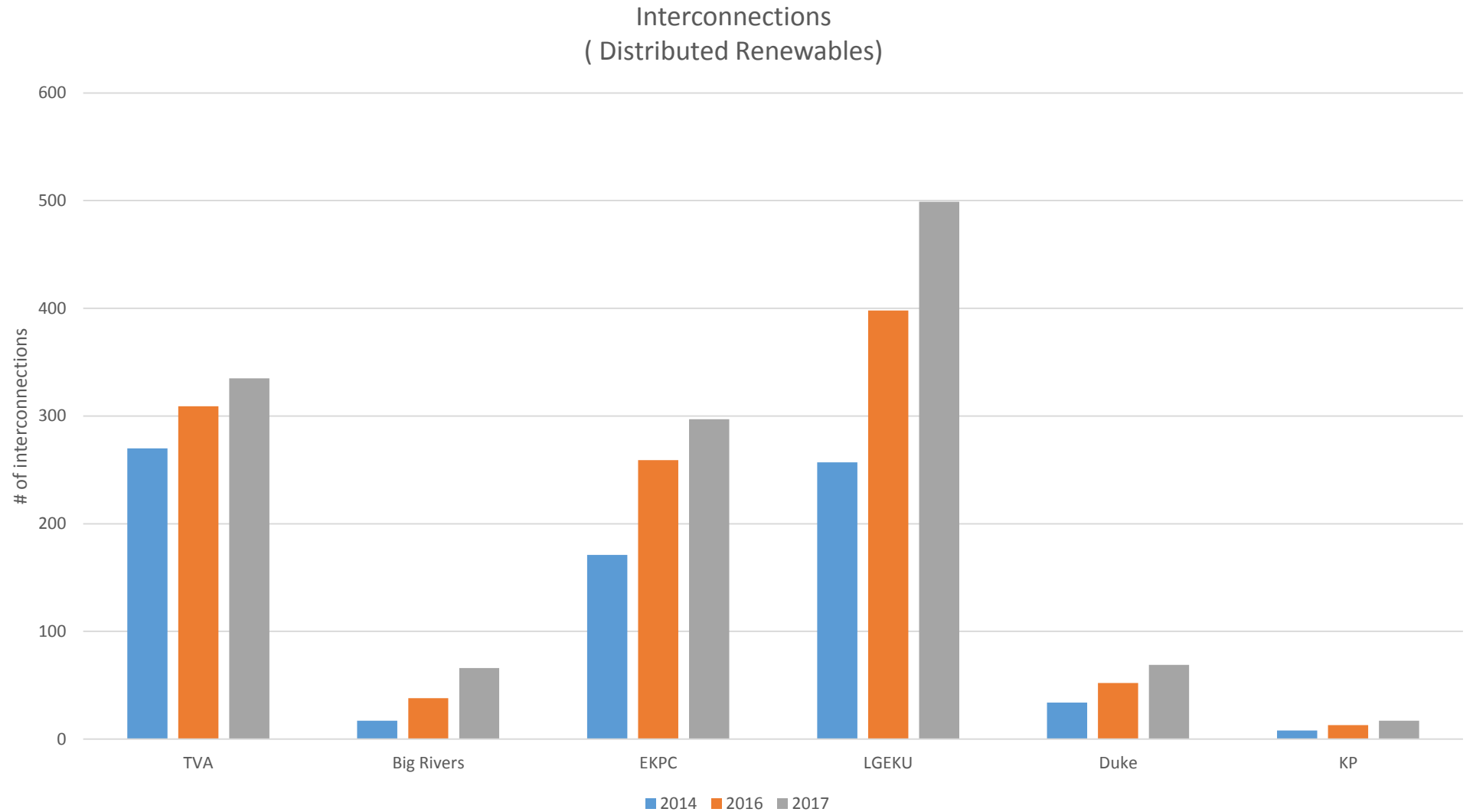


# Distributed Renewable Resources Growth

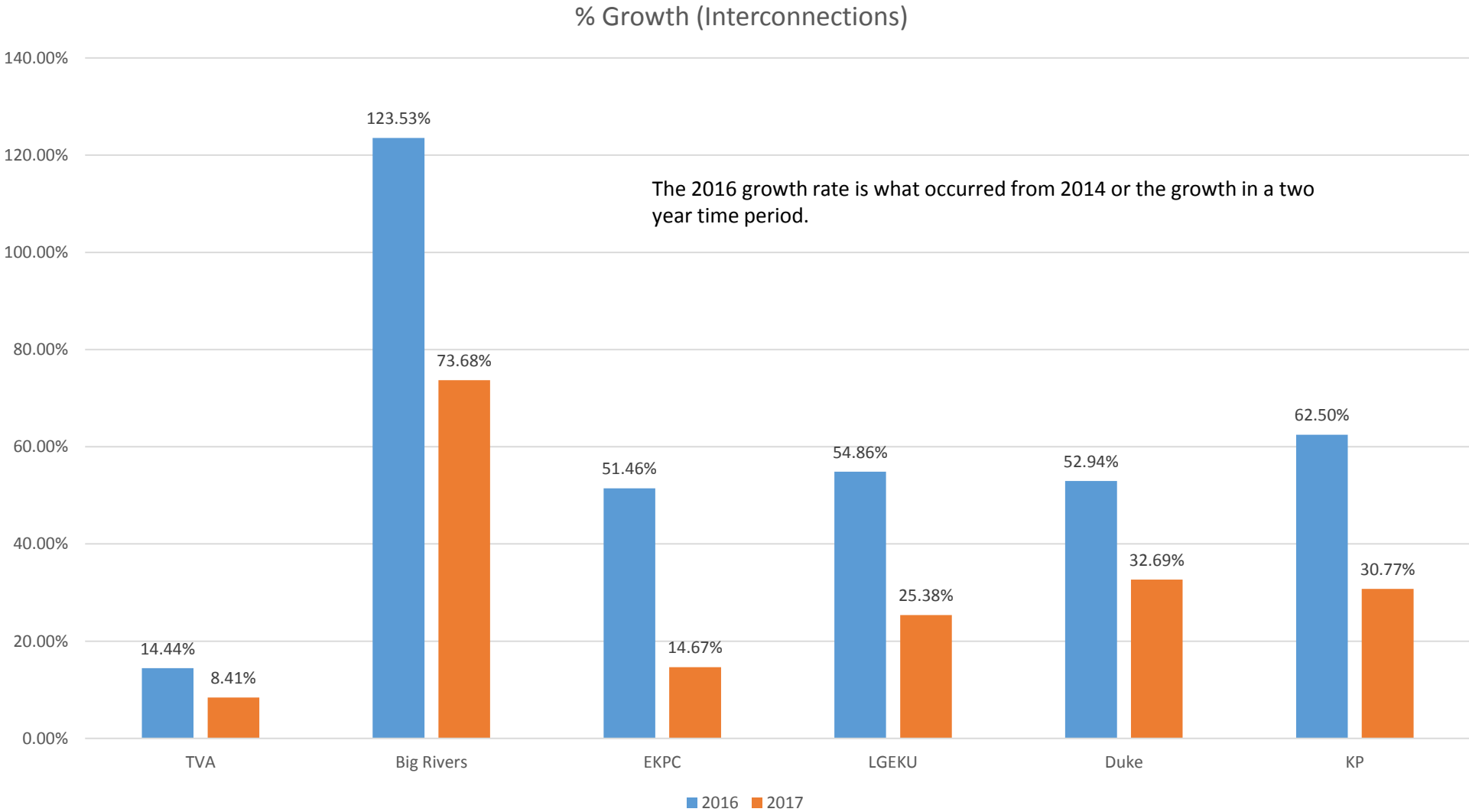
% Growth ( Installed Capacity)



# Distributed Renewable Resources Growth



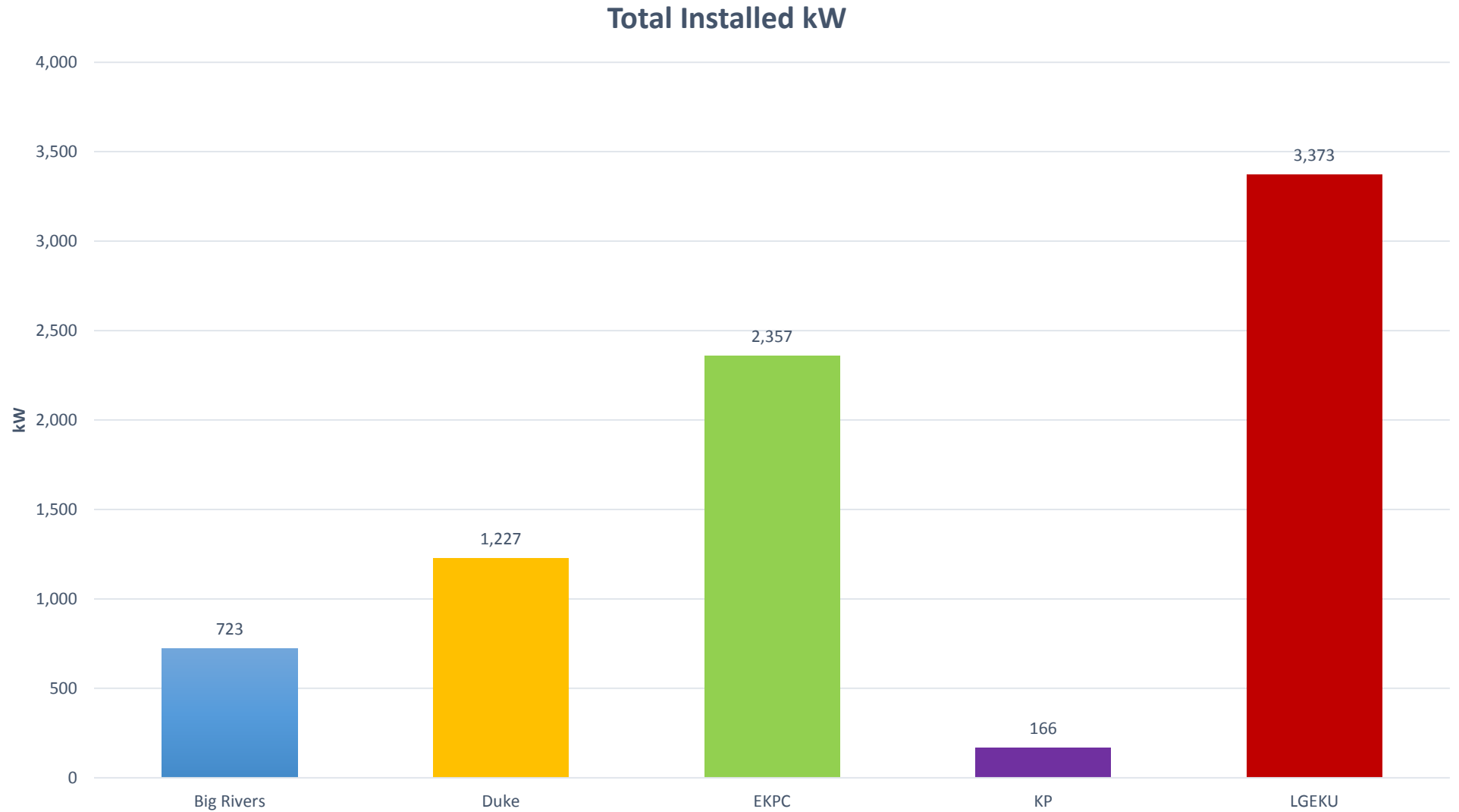
# Distributed Renewable Resources Growth





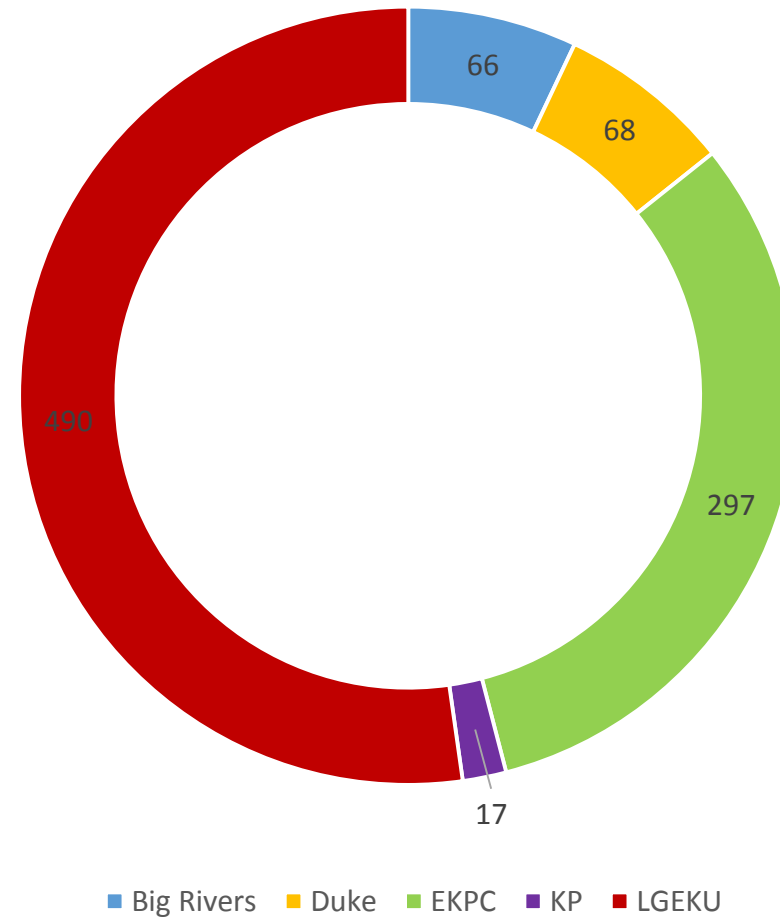
# Net Energy Metering

# Net-Metering

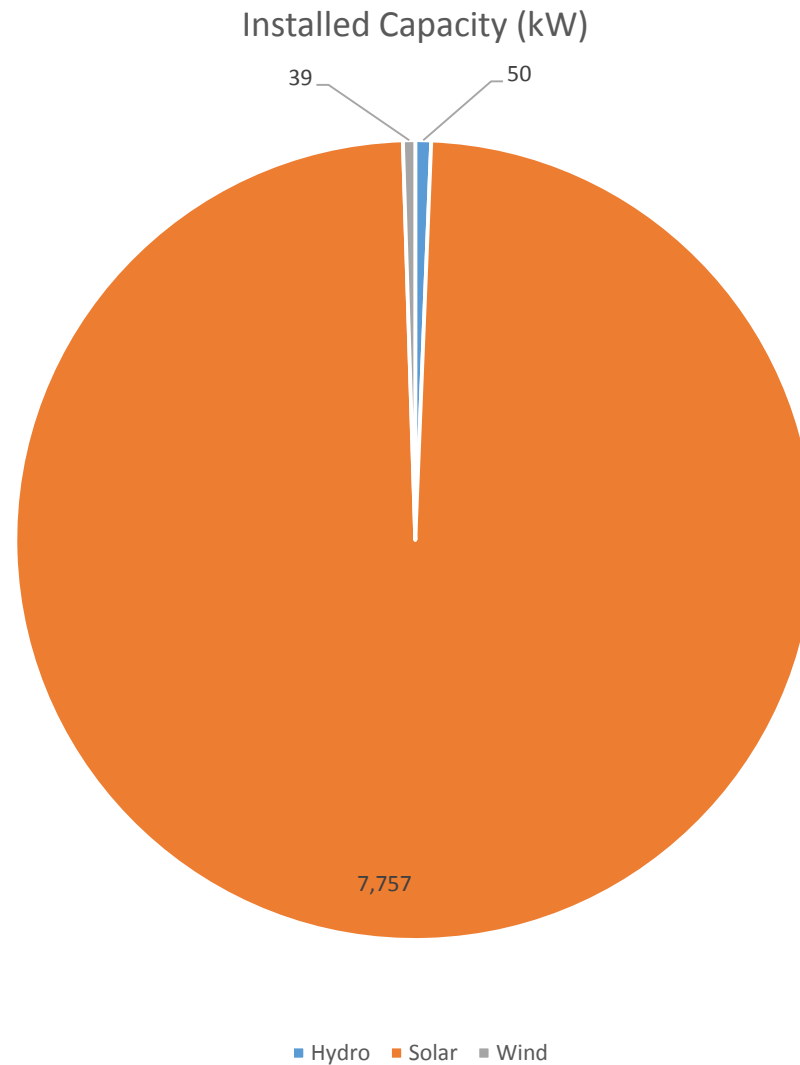


# Net-Metering

Number of Interconnections



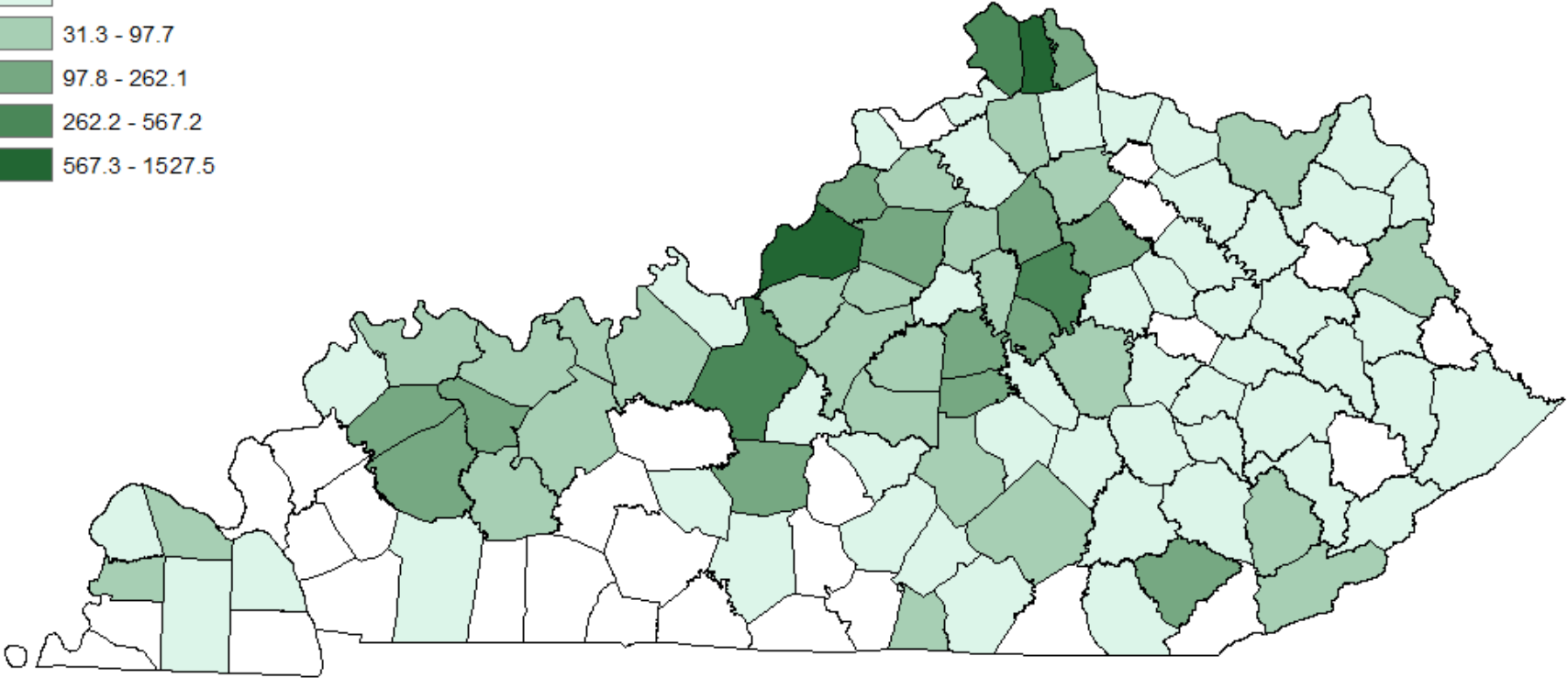
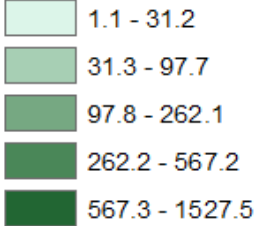
# Net-Metering



# Net-Metering

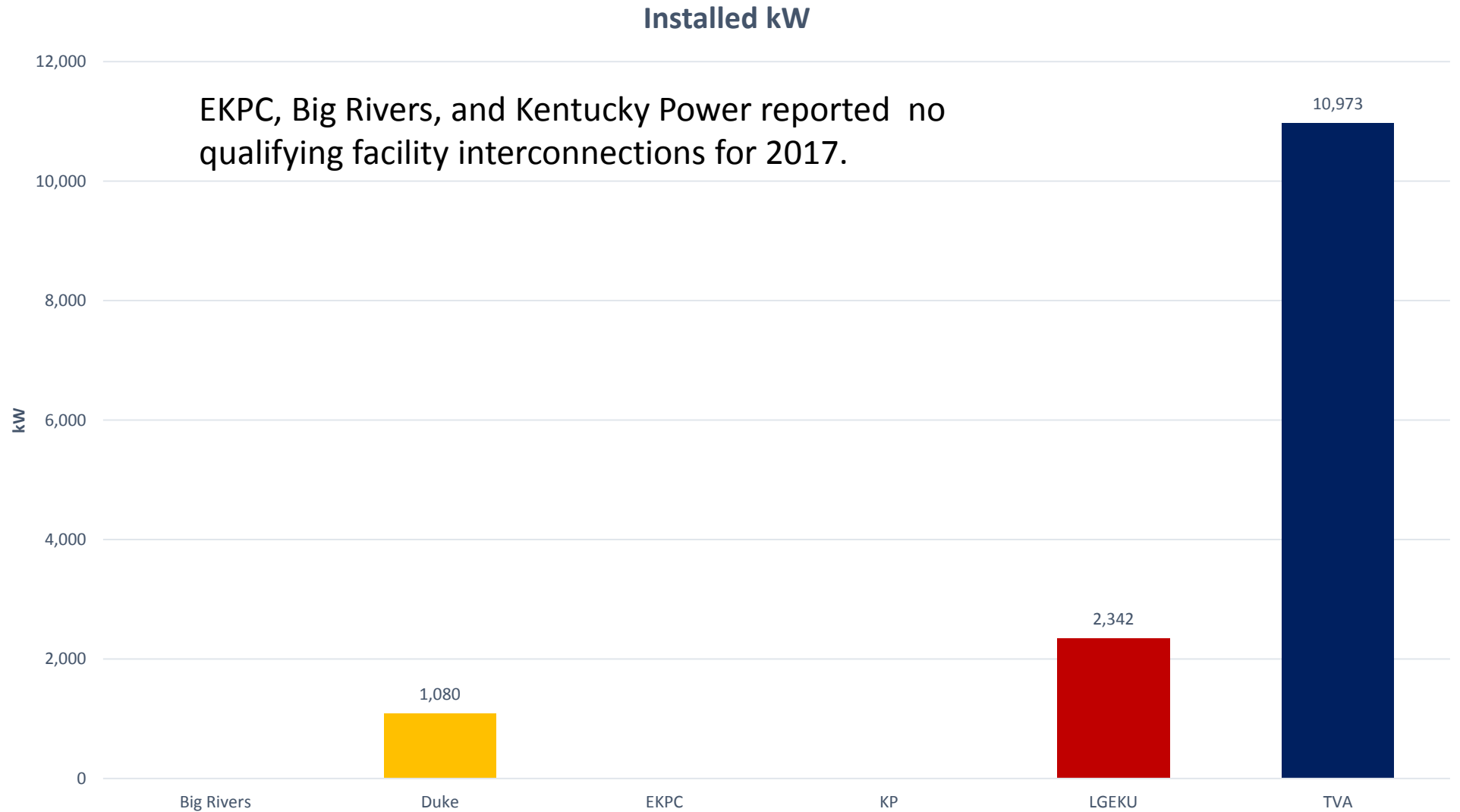
## County Boundary Polygons

### Installed\_kW



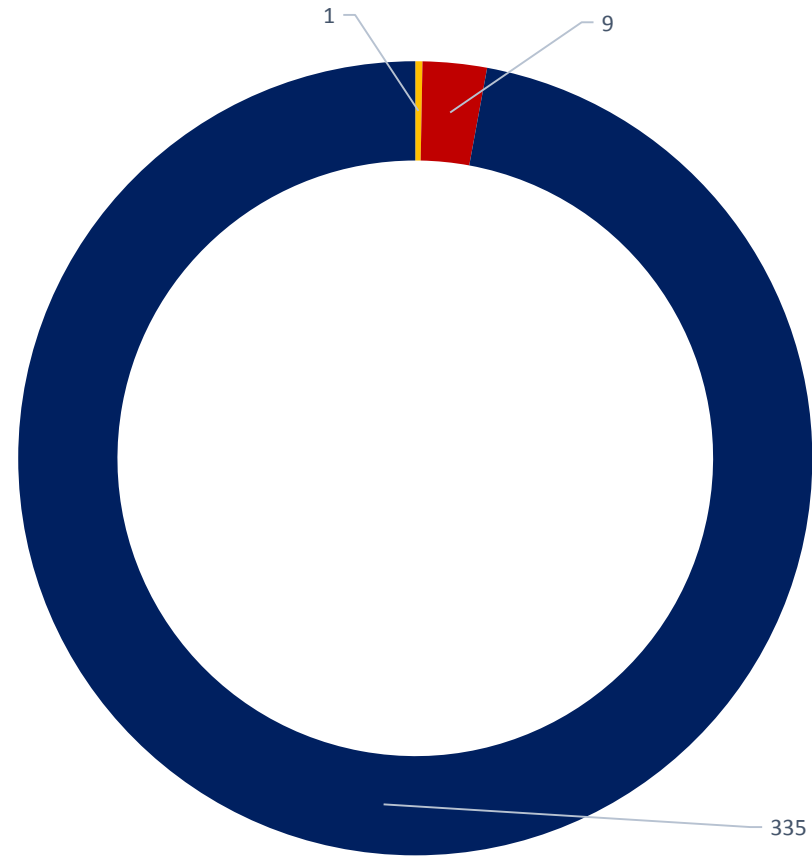
Non Net-Metering

# Non Net-Metered Interconnections



# Non Net-Metered Interconnections

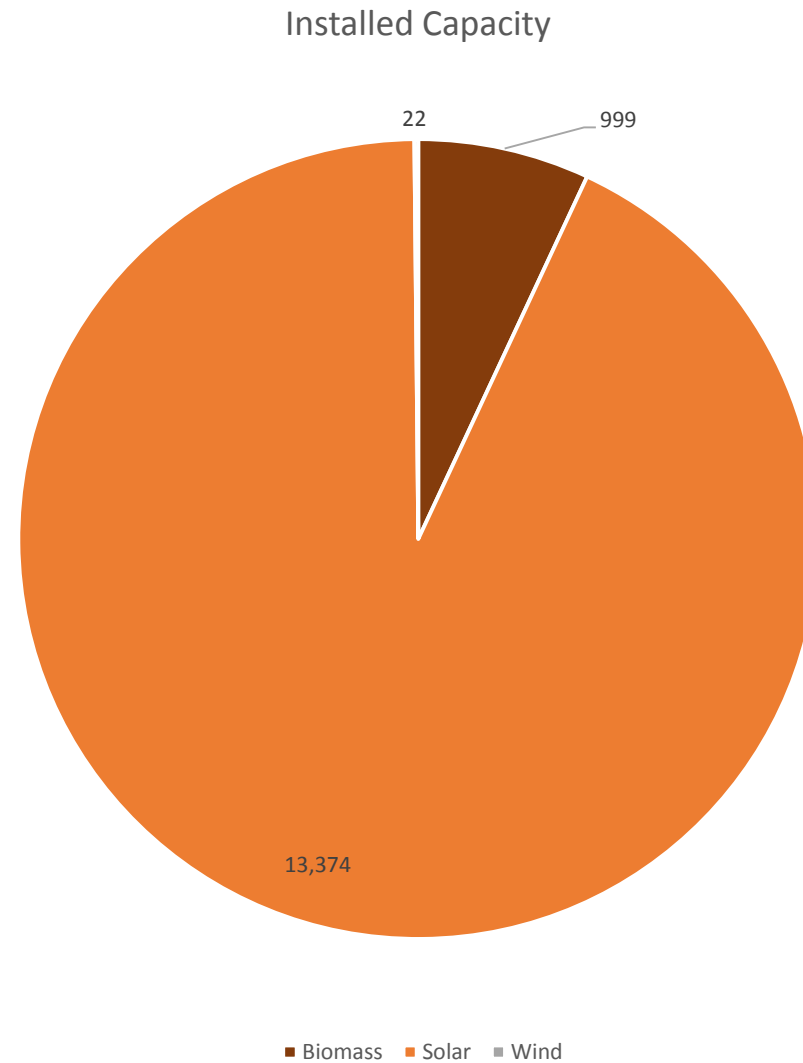
Number of Interconnections



■ Big Rivers ■ Duke ■ EKPC ■ KP ■ LGEKU ■ TVA



# Non Net-Metered Interconnections



# Non Net-Metering

## County Boundary Polygons

### Installed\_kW

