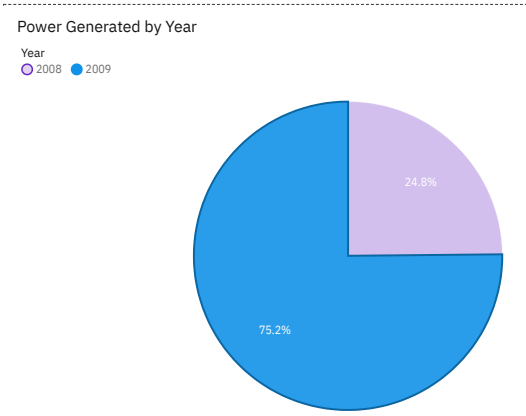
SOLAR PANEL FORECAST

STORY

POWER GENERATION IN 2008 AND 2009

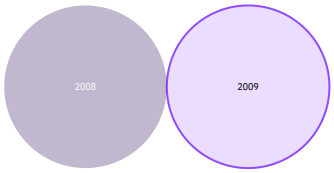
- In 2009 solar power generation is 3X more than 2008



RELATIVE HUMIDITY BY YEAR

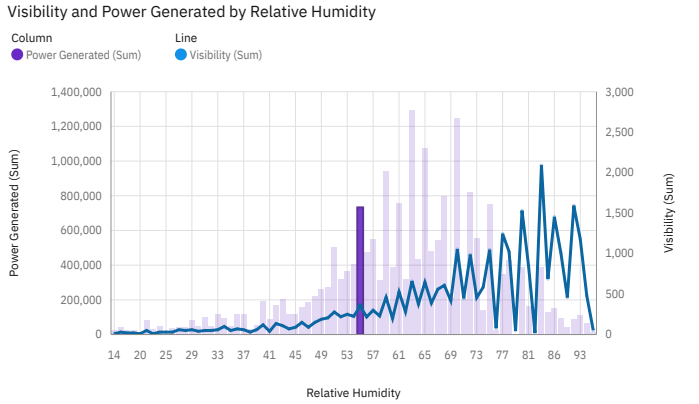
- Relative humidity is almost same in 2008 and 2009

Year colored by Relative Humidity



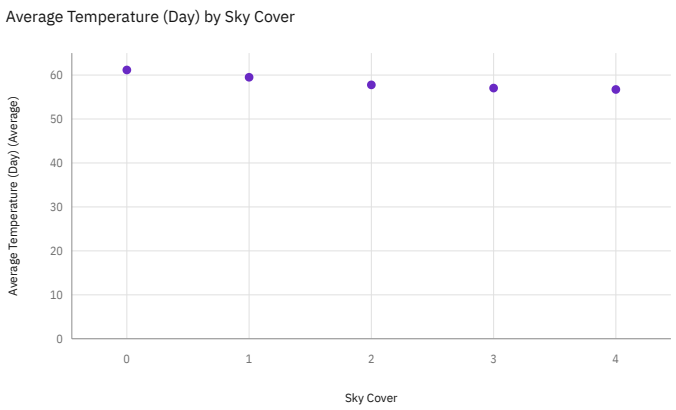
RELATION BETWEEN HUMIDITY AND POWER

- Solar power is highly generated when humidity is low



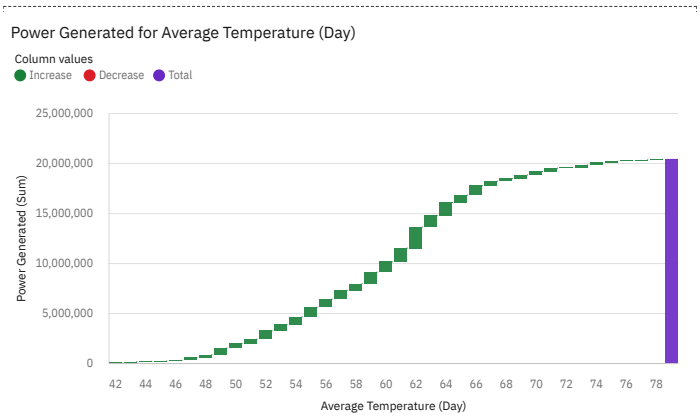
AVERAGE TEMPERATURE

- There is no rapid changes in temperature



POWER GENERATION BY TEMPERATURE

- power generation is high When the temperature is high

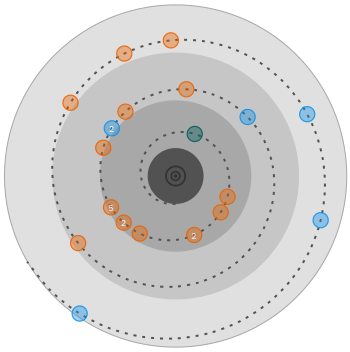


FACTORS OF POWER GENERATION

- There are some factors of power generation are given

Power Generated

1 Driver 2 Drivers Combination



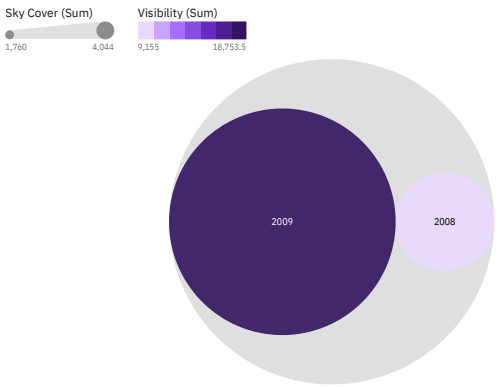
Search drivers

Drivers	%
First Hour of Period, Sky Cover, Month, Distance to Solar Noon and Average Wind Direction (Day)	89
First Hour of Period and Month	84
First Hour of Period and Sky Cover	83
First Hour of Period and Average Wind Direction (Day)	81
First Hour of Period and Relative Humidity	81

VISIBILITY BY SKY COLOR

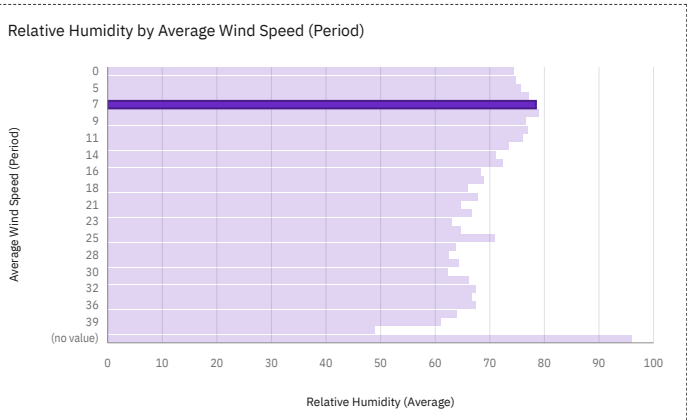
- Visibility is high when sky cover is high

Year hierarchy colored by Visibility and sized by Sky Cover



RELATIVE HUMIDITY BY WIND SPEED

- When the wind speed is high then relative humidity is also high



AVG VISIBILITY AND HUMIDITY IN 2 YRS

- The avg visibility and humidity is given