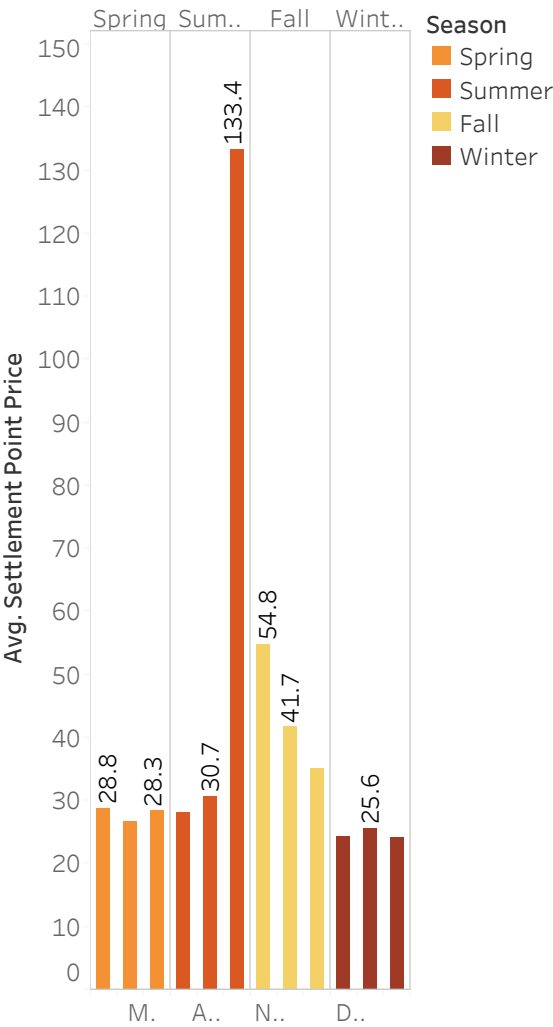
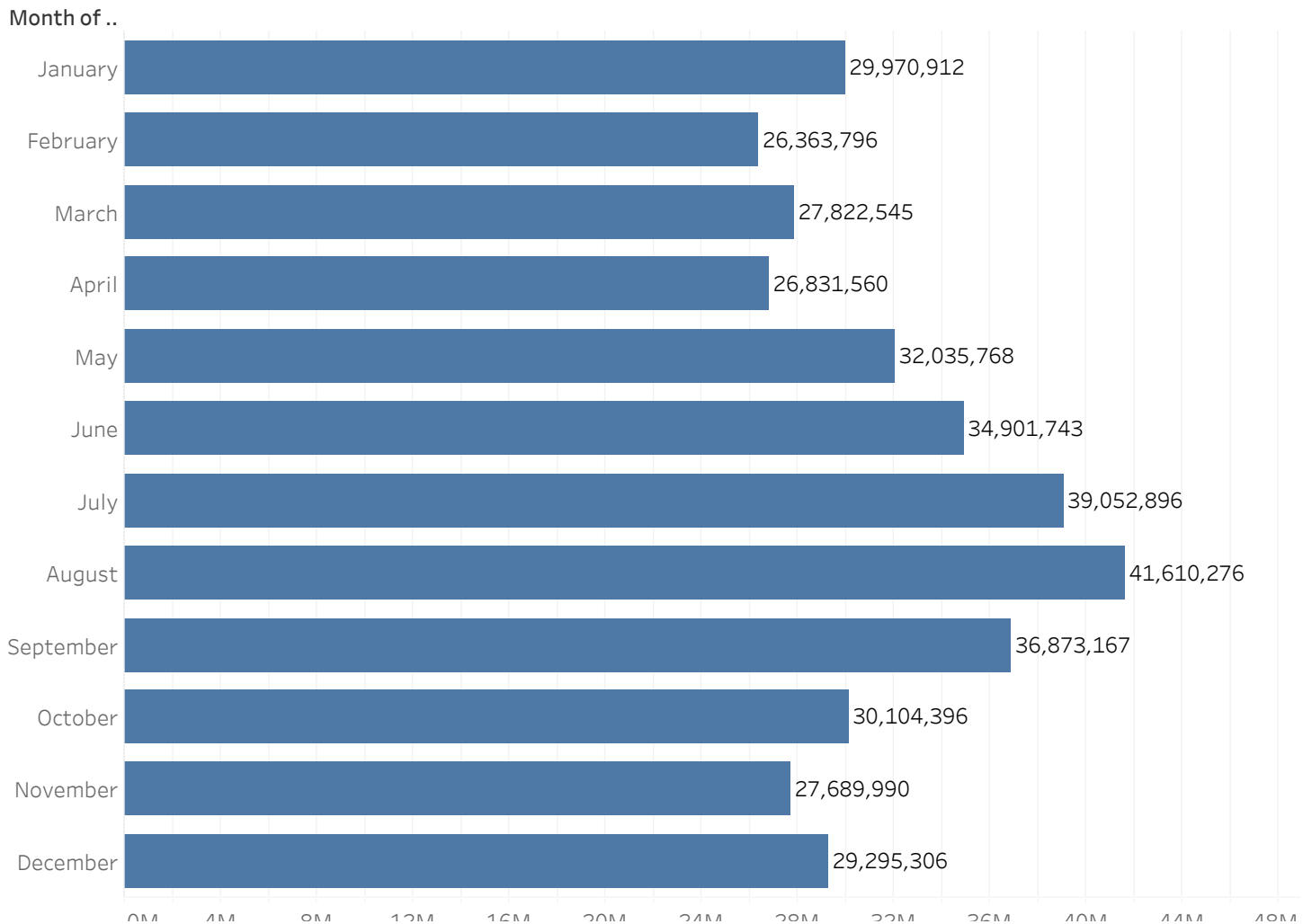


Price Variation



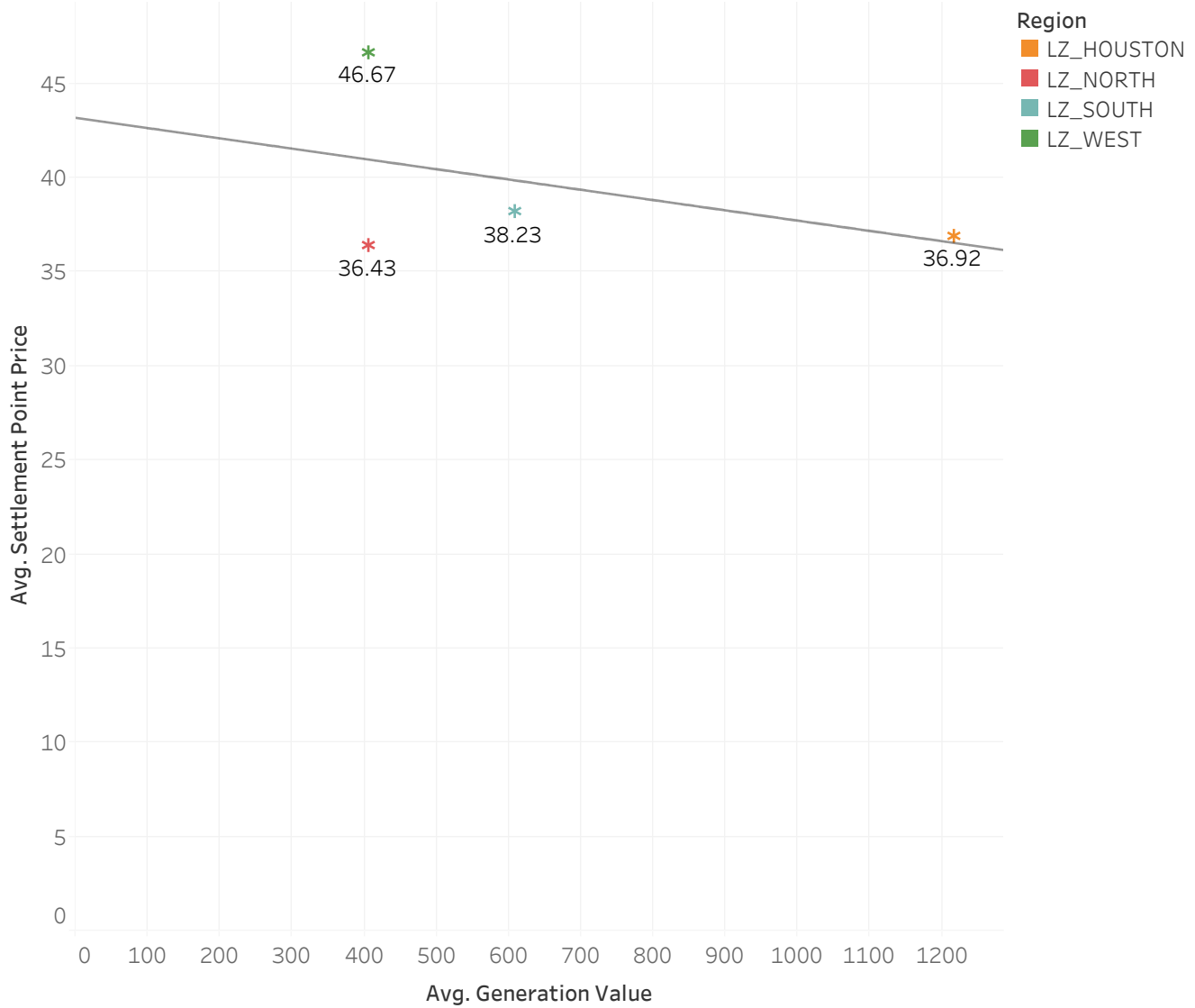
Average of Settlement Point Price for each Date Month broken down by Season. Color shows details about Season. The marks are labeled by average of Settlement Point Price. The data is filtered on Date Year, Action (YEAR(Date)) and Action (Region). The Date Year filter keeps 2019, 2020 and 2021. The Action (YEAR(Date)) filter keeps 1 member. The Action (Region) filter keeps 4 members.

Power Generation over Time



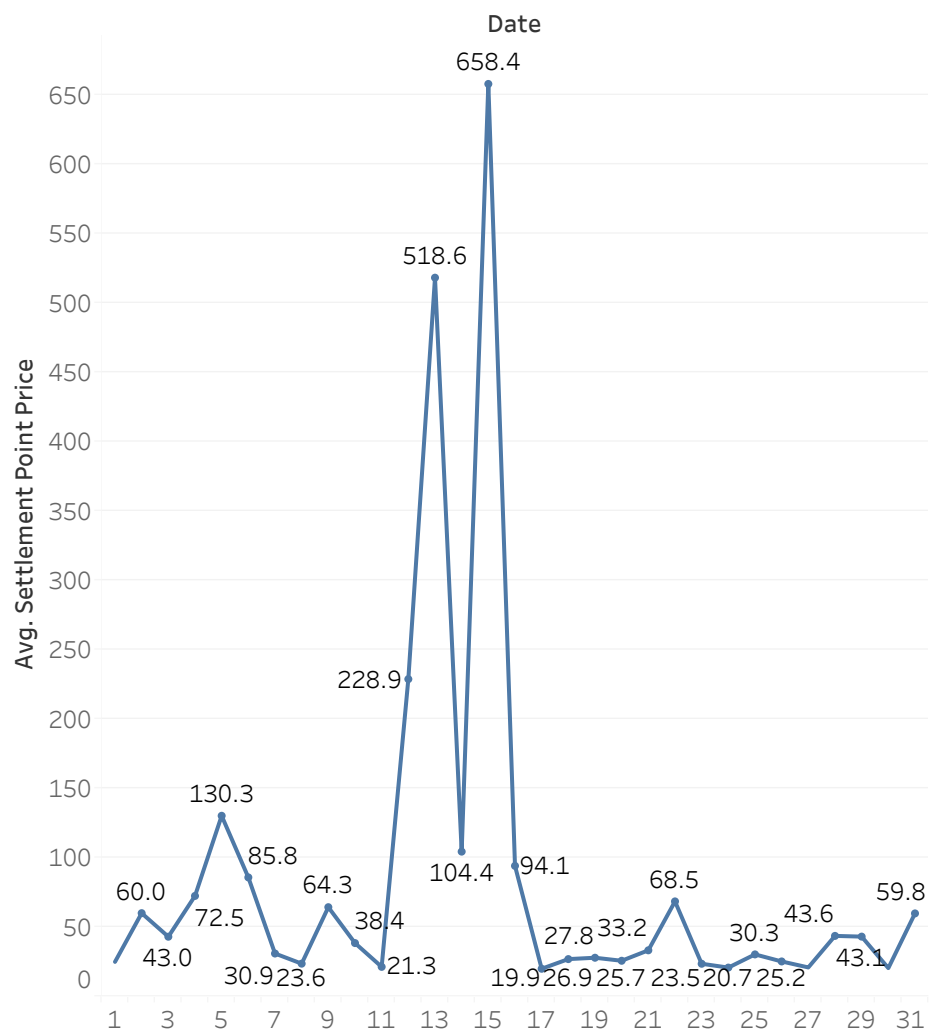
Sum of Generation Value for each Date Month. The marks are labeled by sum of Generation Value. The data is filtered on Fuel, Date Year, Action (YEAR(Date)) and Action (Region). The Fuel filter keeps 9 of 9 members. The Date Year filter keeps 2019, 2020 and 2021. The Action (YEAR(Date)) filter keeps 1 member. The Action (Region) filter keeps 4 members.

Power Generation vs Price



Average of Generation Value vs. average of Settlement Point Price. Color shows details about Region. The marks are labeled by average of Settlement Point Price. The data is filtered on Date Year, Season, Action (YEAR(Date)) and Action (Region). The Date Year filter keeps 2019, 2020 and 2021. The Season filter keeps Fall, Spring, Summer and Winter. The Action (YEAR(Date)) filter keeps 1 member. The Action (Region) filter keeps 4 members.

4.Day vs Hour



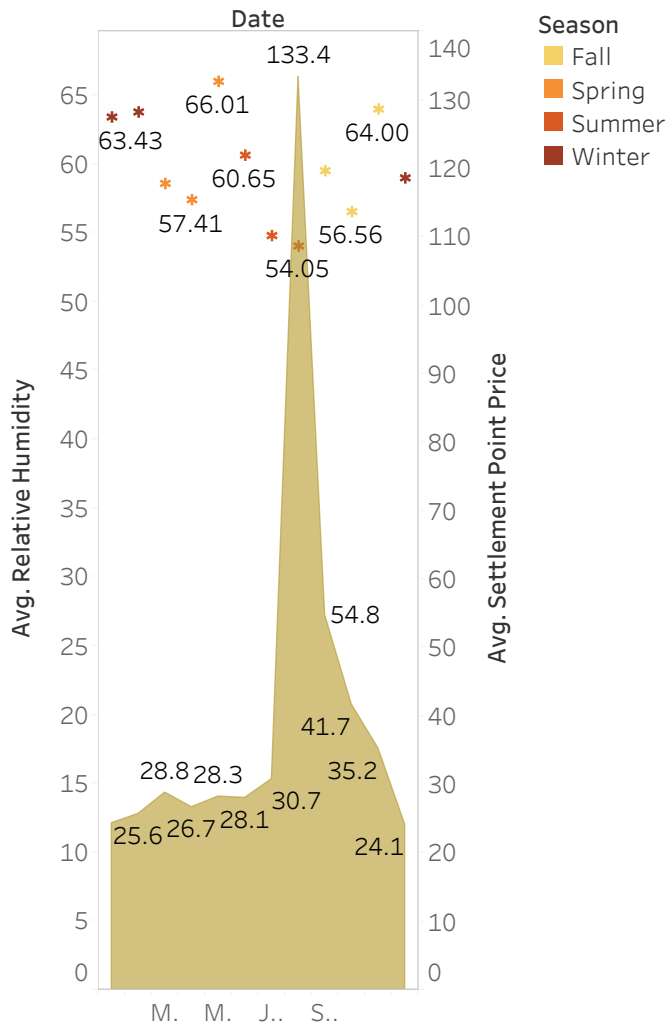
The trend of average of Settlement Point Price for Date Day. The marks are labeled by average of Settlement Point Price. The data is filtered on Date Month, which keeps August.

Temperature vs Price

Average of Dry Bulb temperature and average of Settlement Point Price for each Date Month. Details are shown for Measure Names. For pane Average of Dry Bulb temperature: Color shows details about Season. The marks are labeled by average of Dry Bulb temperature. For pane Average of Settlement Point Price: The marks are labeled by average of Settlement Point Price. The data is filtered on Date Year, Action (YEAR(Date)), chosen chart and Action (Region). The Date Year filter keeps 2019, 2020 and 2021. The Action (YEAR(Date)) filter keeps 1 member. The chosen chart filter keeps Temperature. The Action (Region) filter keeps 4 members.

Season

Humidity vs Price

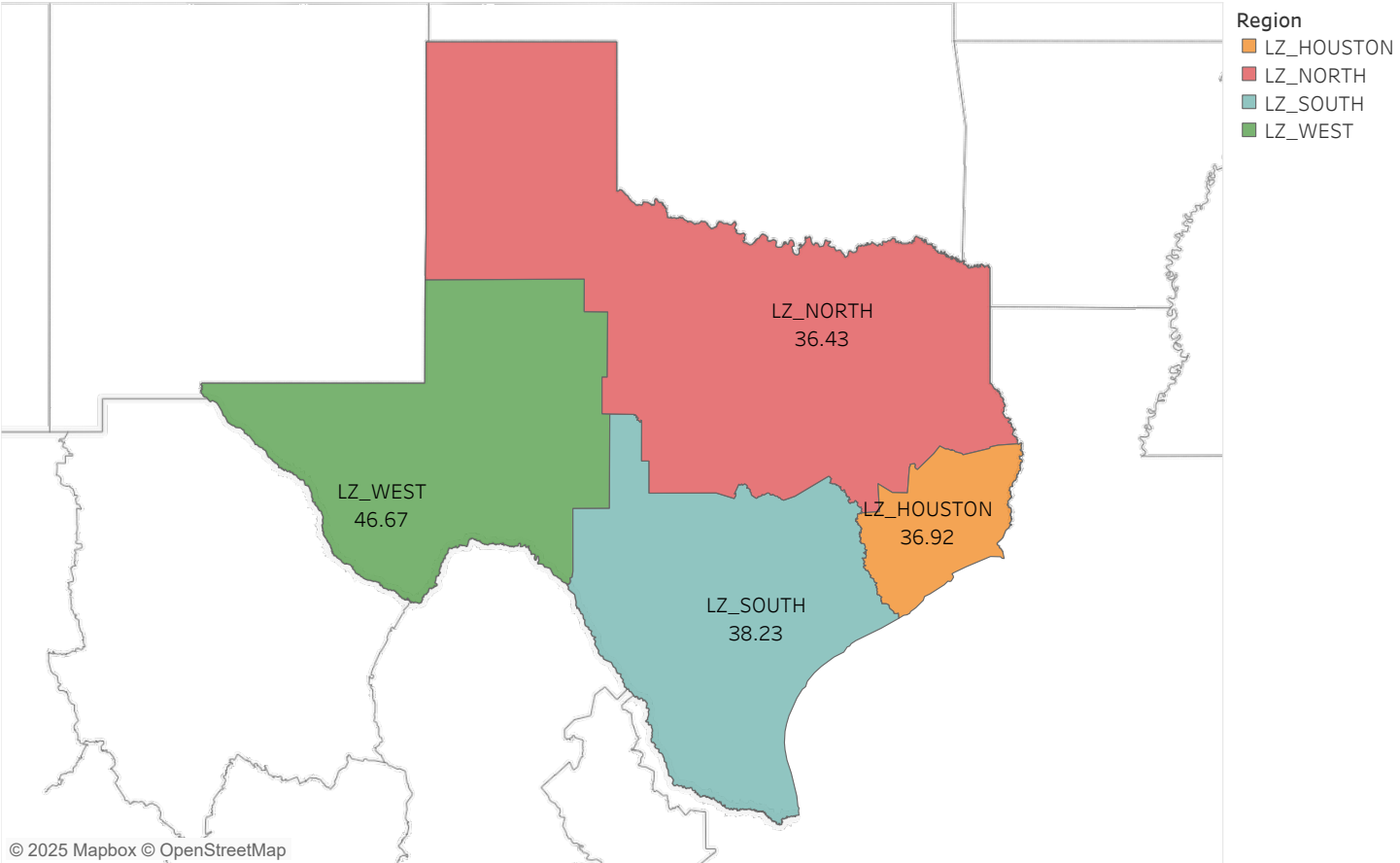


Avg. Relative Humidity and Avg. Settlement Point Price for each Date Month. Details are shown for Avg. Relative Humidity and Avg. Settlement Point Price. For pane Average of Relative Humidity: Color shows details about Season. The marks are labeled by Avg. Relative Humidity. For pane Average of Settlement Point Price: The marks are labeled by Avg. Settlement Point Price. The data is filtered on Date Year, chosen chart, Action (YEAR(Date)) and Action (Region). The Date Year filter keeps 2019, 2020 and 2021. The chosen chart filter keeps Humidity. The Action (YEAR(Date)) filter keeps 1 member. The Action (Region) filter keeps 4 members.

Windspeed vs Price

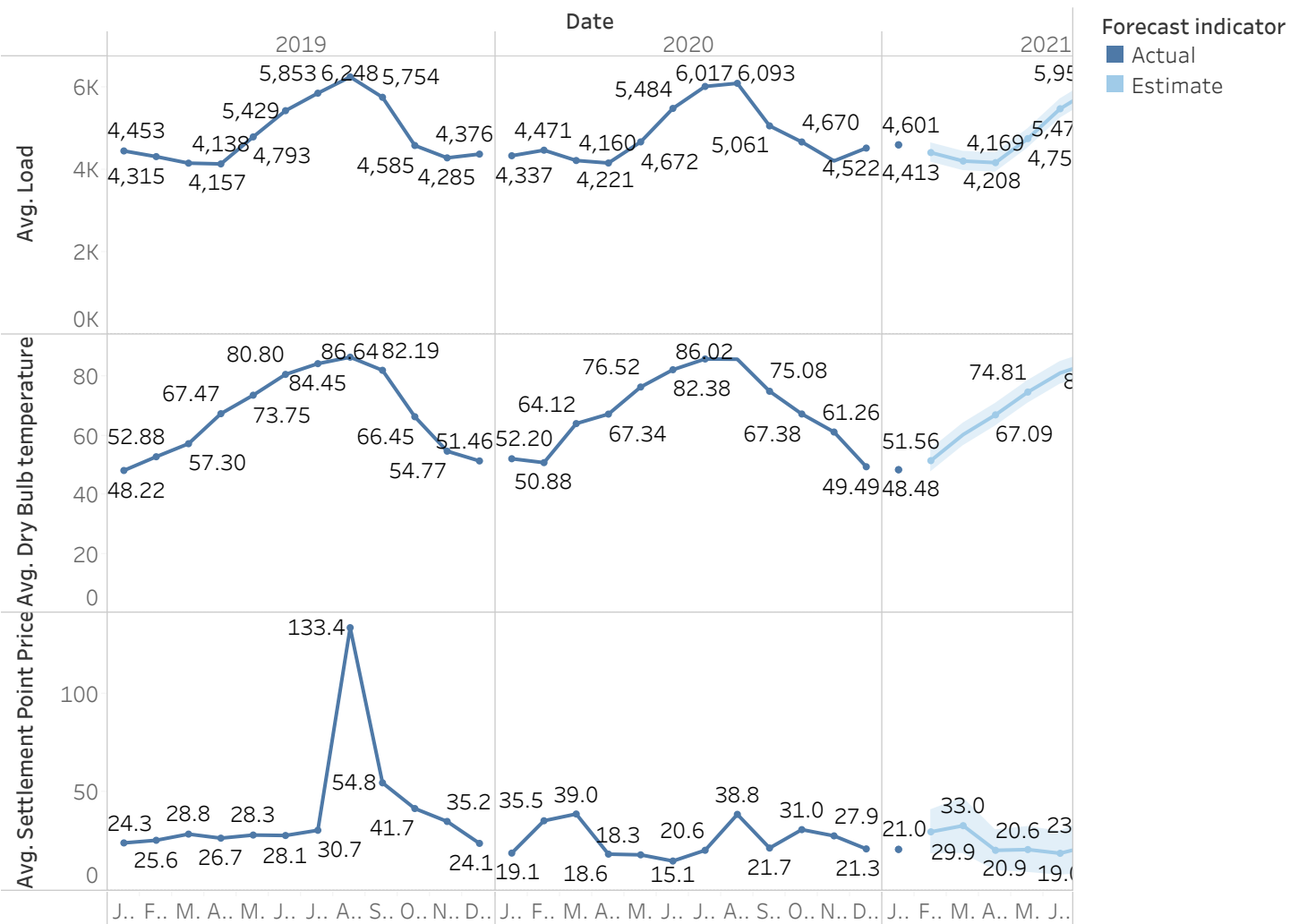
Average of Wind Speed and average of Settlement Point Price for each Date Month. Details are shown for Measure Names. For pane Average of Settlement Point Price: The marks are labeled by average of Settlement Point Price. For pane Average of Wind Speed: The marks are labeled by average of Wind Speed. The data is filtered on Date Year, chosen chart, Action (YEAR(Date)) and Action (Region). The Date Year filter keeps 2019, 2020 and 2021. The chosen chart filter keeps Windspeed. The Action (YEAR(Date)) filter keeps 1 member. The Action (Region) filter keeps 4 members.

TEXAS MAP



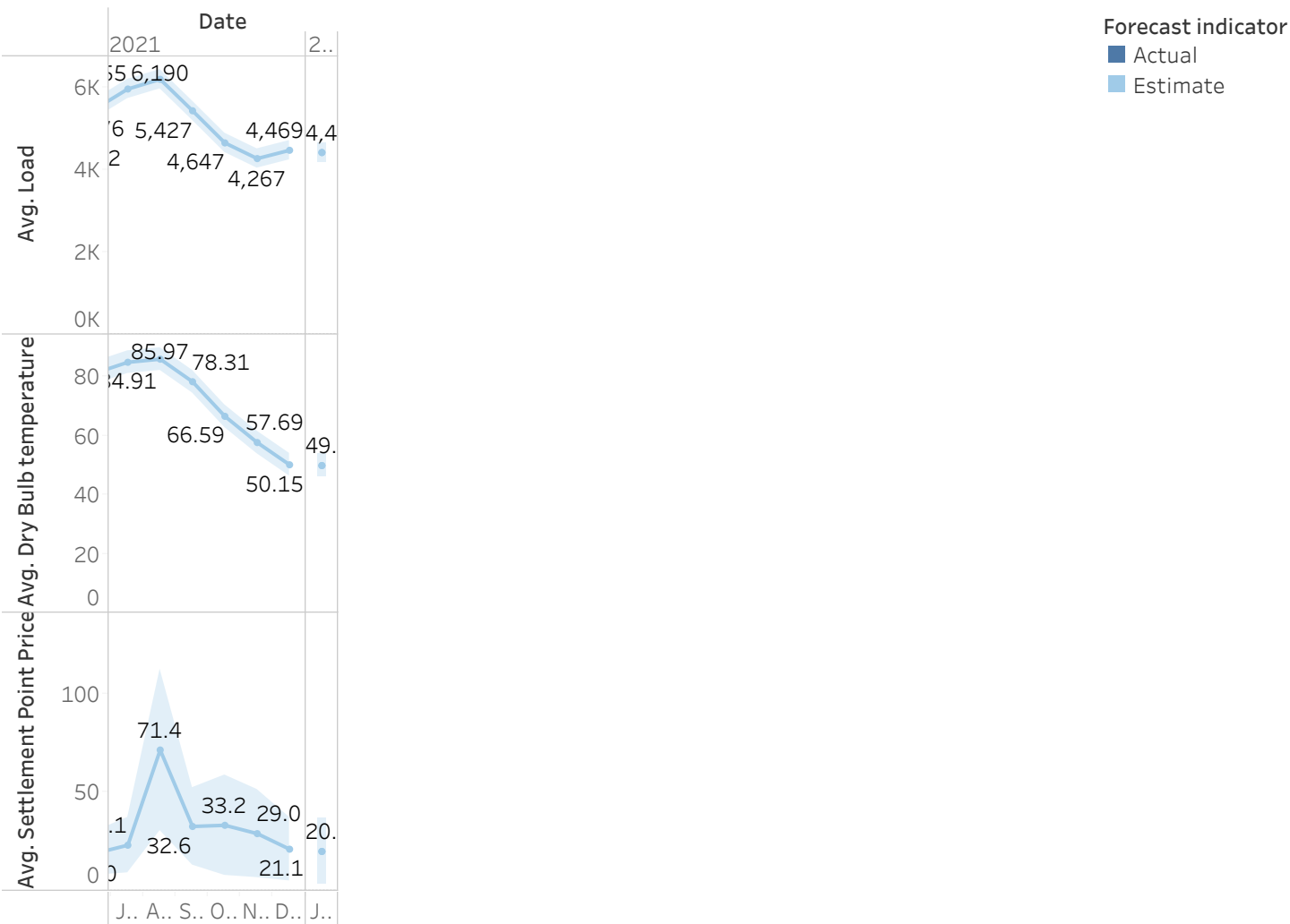
Map based on Longitude (generated) and Latitude (generated). Color shows details about Region. The marks are labeled by Region and average of Settlement Point Price. The data is filtered on Action (YEAR(Date)), which keeps 1 member.

Forecast of Load, Generation and Price



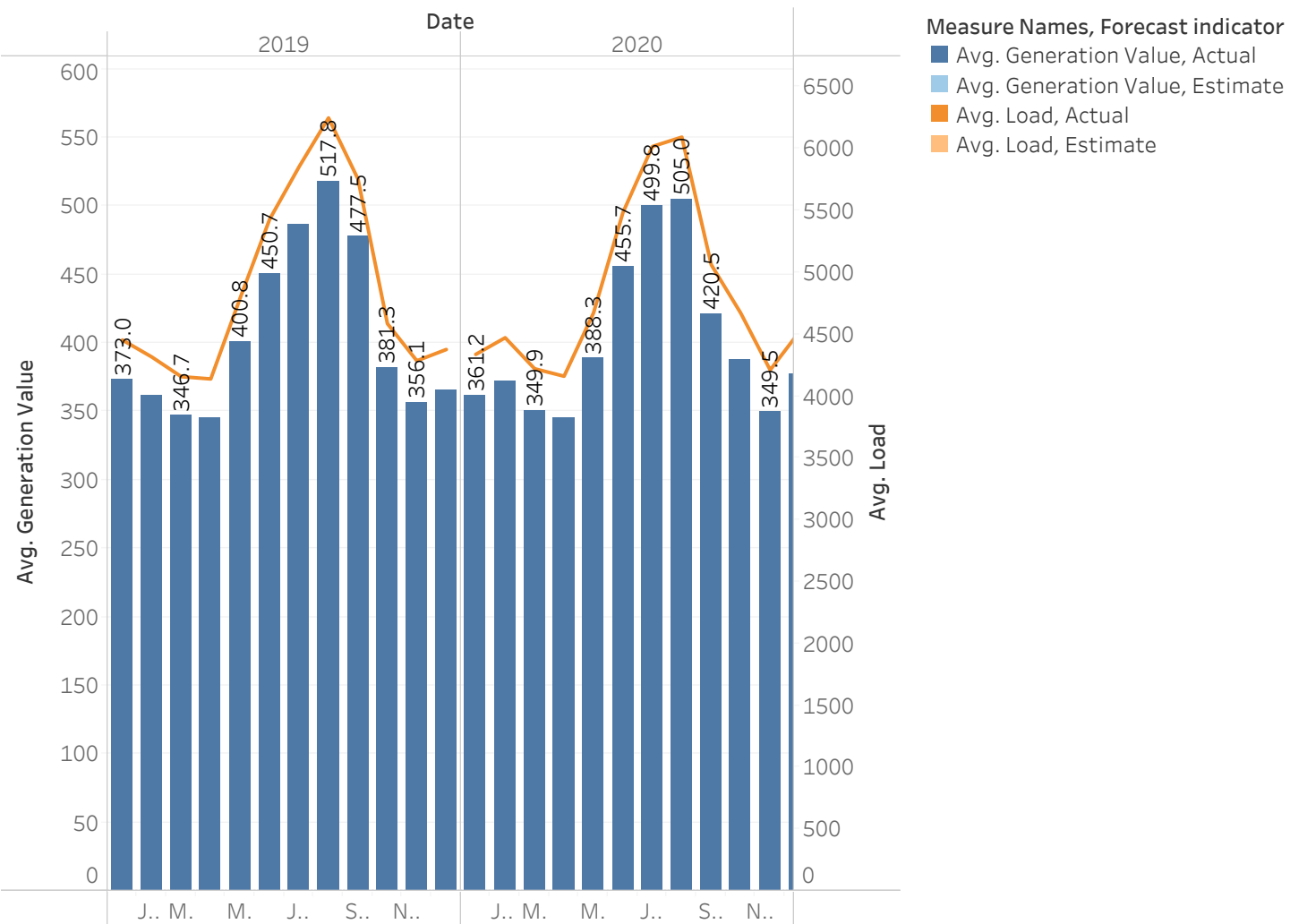
The trends of average of Load (actual & forecast) , average of Dry Bulb temperature (actual & forecast) and average of Settlement Point Price (actual & forecast) for Date Month broken down by Date Year. Color shows details about Forecast indicator. For pane Average of Load (actual & forecast) : The marks are labeled by average of Load (actual & forecast) . For pane Average of Dry Bulb temperature (actual & forecast) : The marks are labeled by average of Dry Bulb temperature (actual & forecast) . For pane Average of Settlement Point Price (actual & forecast) : The marks are labeled by average of Settlement Point Price (actual & forecast) . The data is filtered on Location, which keeps 9 of 9 members.

Forecast of Load, Generation and Price



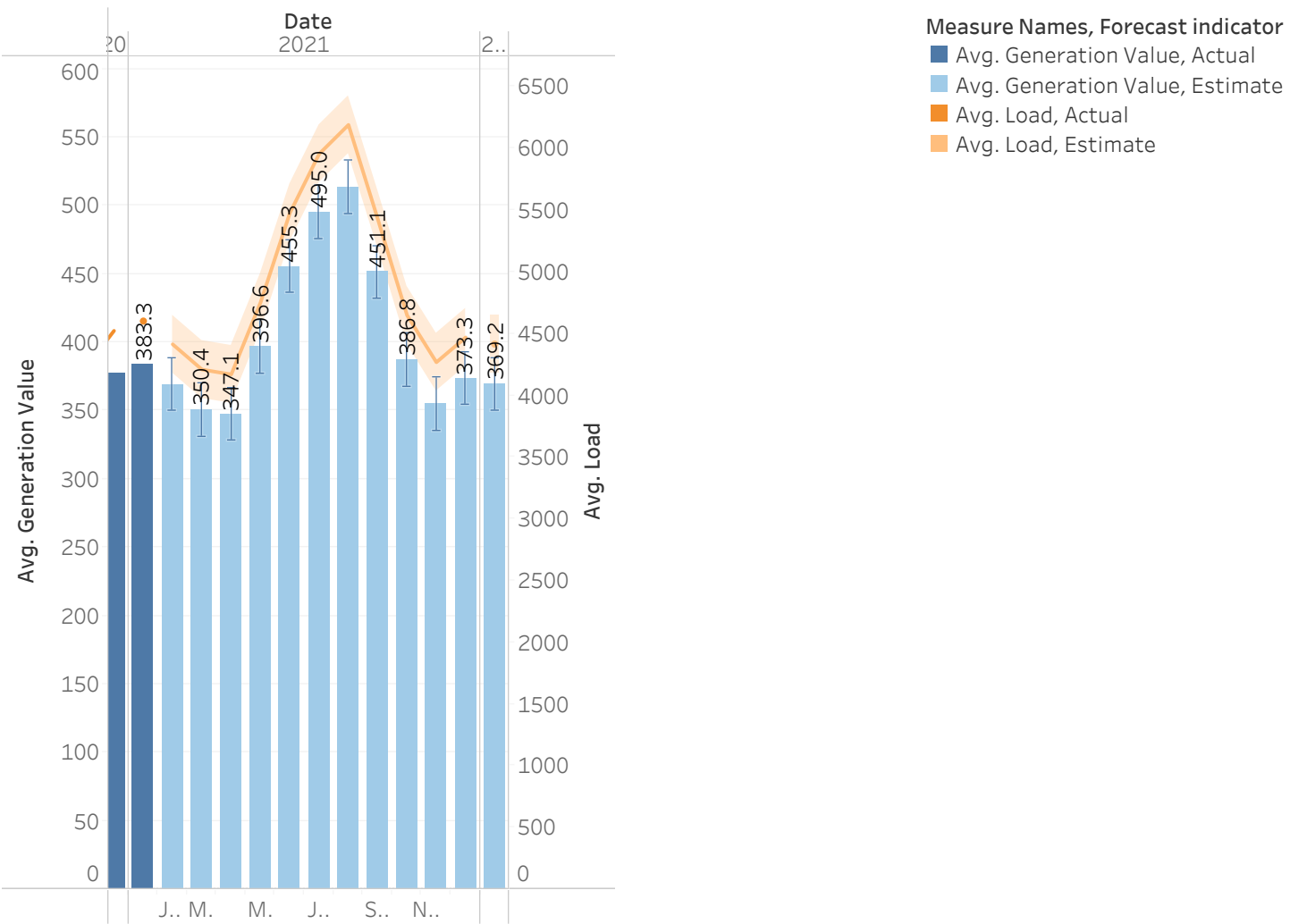
The trends of average of Load (actual & forecast) , average of Dry Bulb temperature (actual & forecast) and average of Settlement Point Price (actual & forecast) for Date Month broken down by Date Year. Color shows details about Forecast indicator. For pane Average of Load (actual & forecast) : The marks are labeled by average of Load (actual & forecast) . For pane Average of Dry Bulb temperature (actual & forecast) : The marks are labeled by average of Dry Bulb temperature (actual & forecast) . For pane Average of Settlement Point Price (actual & forecast) : The marks are labeled by average of Settlement Point Price (actual & forecast) . The data is filtered on Location, which keeps 9 of 9 members.

GENERATION VS LOAD



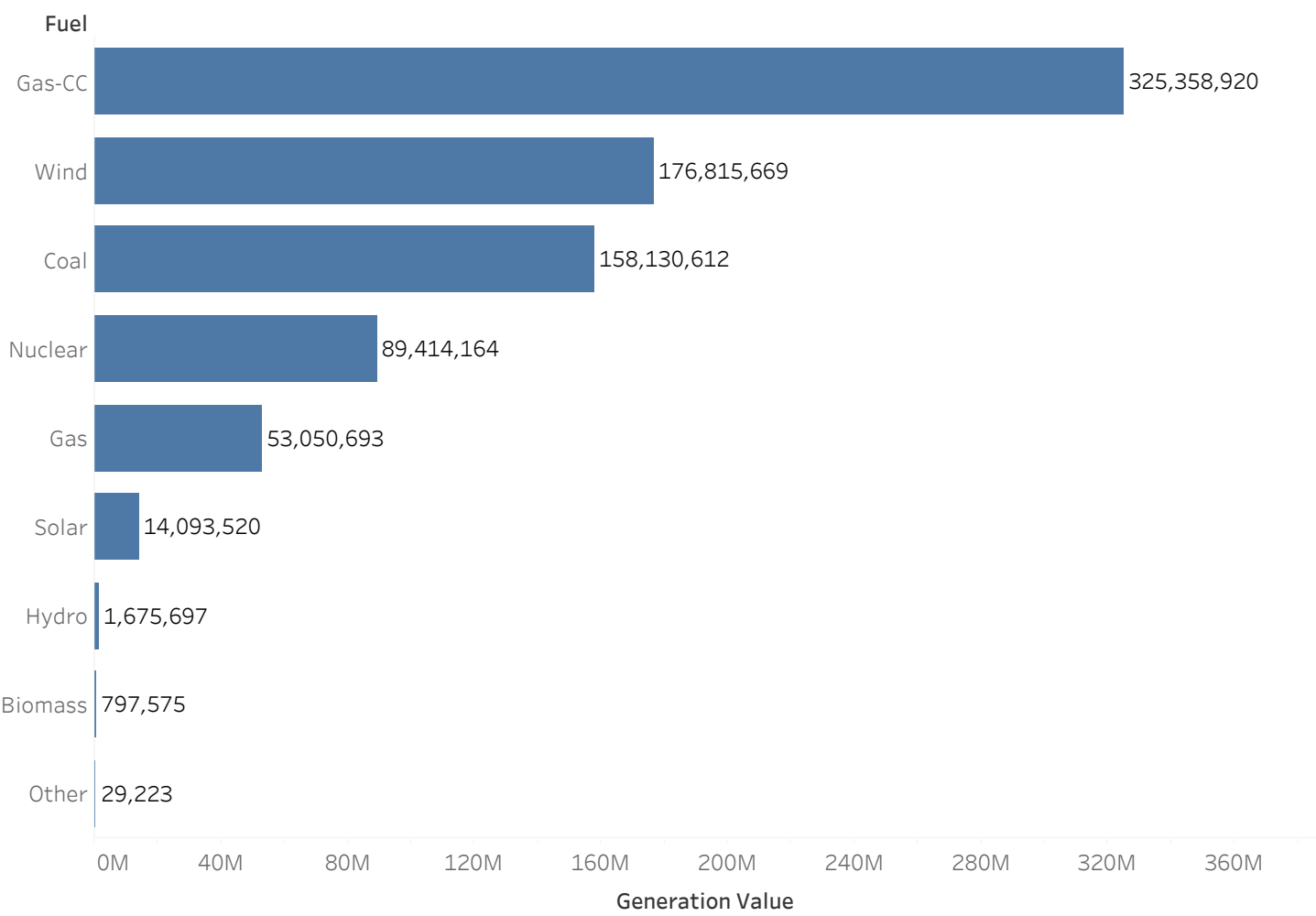
The trends of Avg. Generation Value and Avg. Load for Date Month broken down by Date Year. Color shows details about Avg. Generation Value, Avg. Load and Forecast indicator. For pane Average of Generation Value (actual & forecast) : The marks are labeled by Avg. Generation Value. The data is filtered on Location and Date (MY). The Location filter keeps Amerillo. The Date (MY) filter keeps 26 members.

GENERATION VS LOAD



The trends of Avg. Generation Value and Avg. Load for Date Month broken down by Date Year. Color shows details about Avg. Generation Value, Avg. Load and Forecast indicator. For pane Average of Generation Value (actual & forecast) : The marks are labeled by Avg. Generation Value. The data is filtered on Location and Date (MY). The Location filter keeps Amerillo. The Date (MY) filter keeps 26 members.

8.Power generation from each fuel

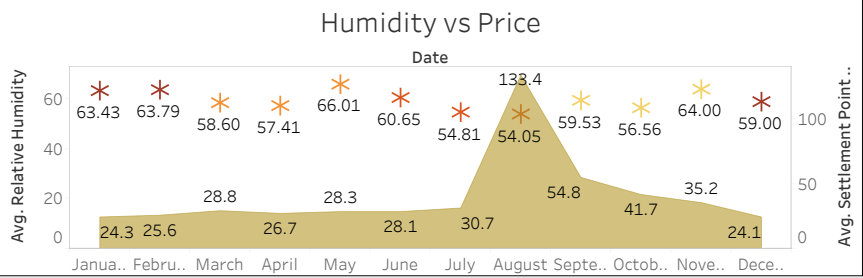
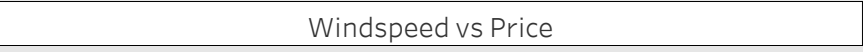
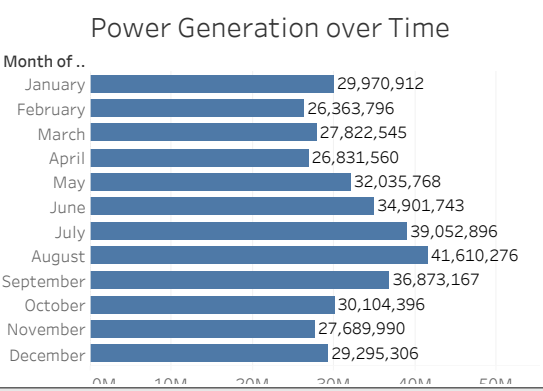
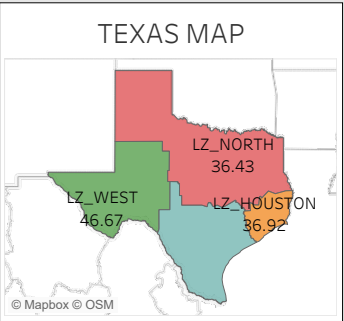
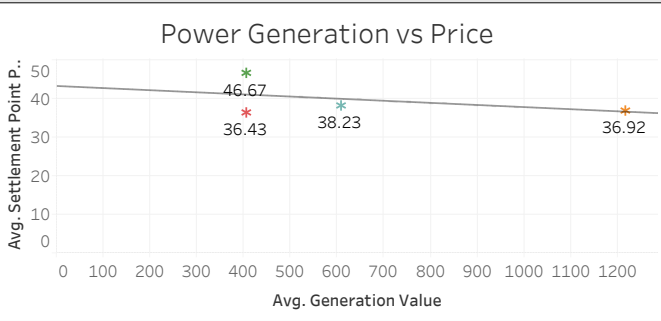
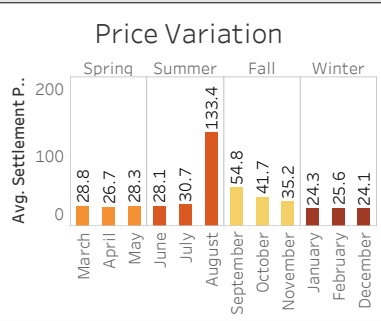


Sum of Generation Value for each Fuel. The marks are labeled by sum of Generation Value. The data is filtered on Location and Date Year. The Location filter keeps 9 of 9 members. The Date Year filter keeps 2019, 2020 and 2021.

TEXAS ELECTRICITY PRICING ..

201920202021

Choose Chart
Humidity



TEXAS ELECTRICITY PRICING ANALYSIS

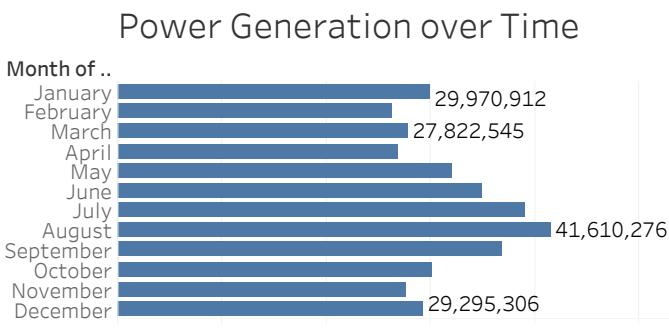
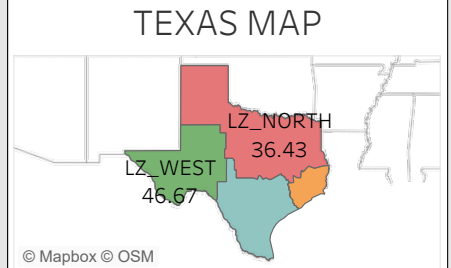
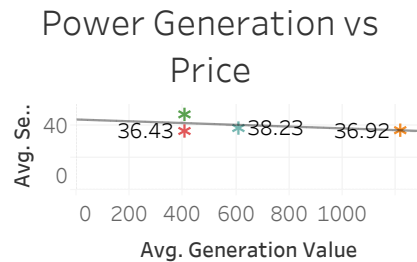
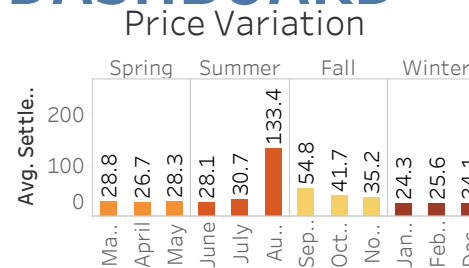
The "Texas Electricity Pricing Dashboard" visualizes key insights into electricity pricing trends across seasons, correlating power generation, tem..

This visual tool focuses on seasonal price variations in average settlement point prices for electricity, with a noticeable spike ..

TEXAS ELECTRICITY PRICING DASHBOARD

2019 2020 2021

Choose Ch..
Humidity



Temperature vs Price

Windspeed vs Price

Humidity vs Price

Date

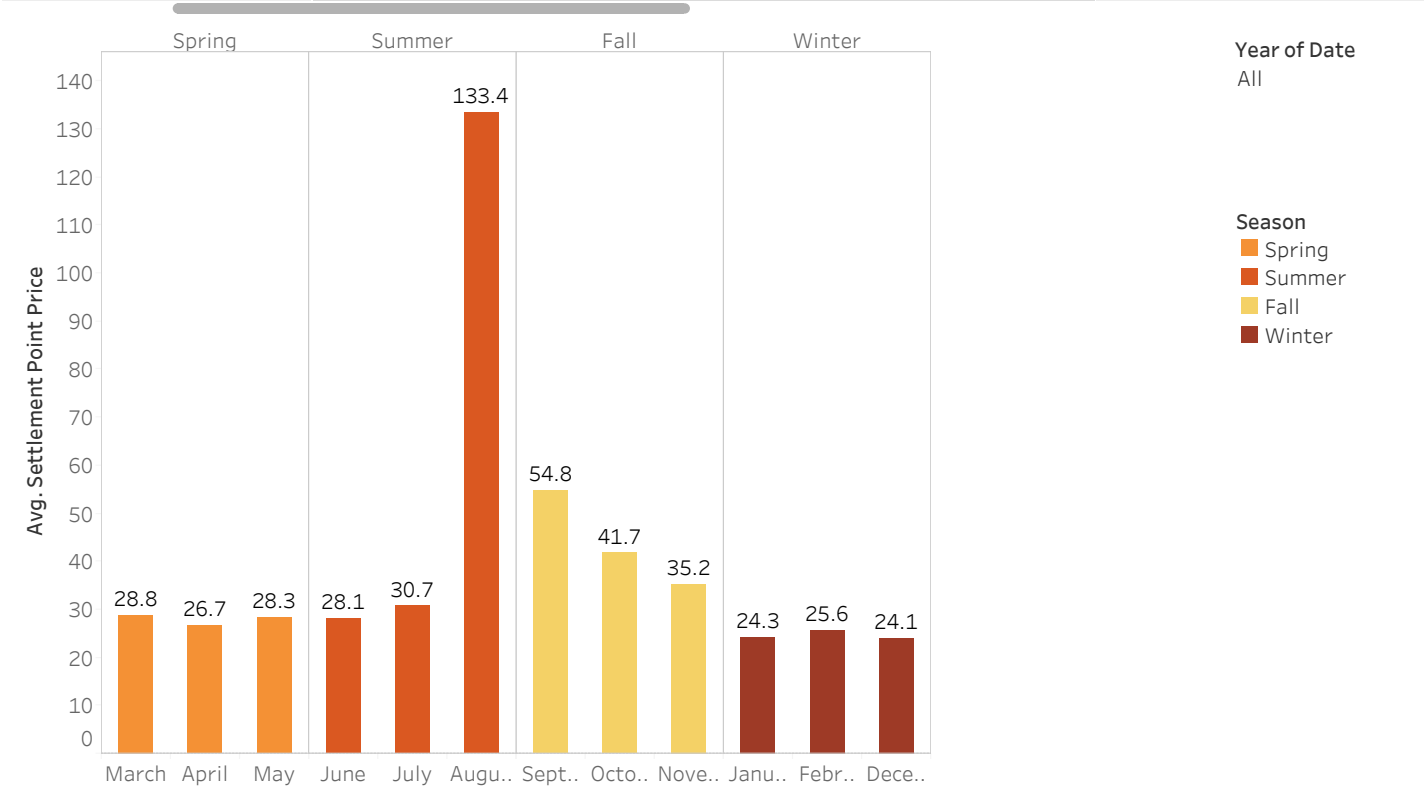
Ja.. Fe.. M.. Ap.. M.. Ju.. Ju.. Au.. Se.. Oc.. N.. De..

TEXAS ELECTRICITY PRICING ANALYSIS

The "Texas Electricity Pricing Dashboard" visualizes key in..

This visual tool focuses on seasonal price variations in average settlement point prices for electricity, with a noticeable spike during winter, particularl..

This visual tools gives insights about power each generated fr..

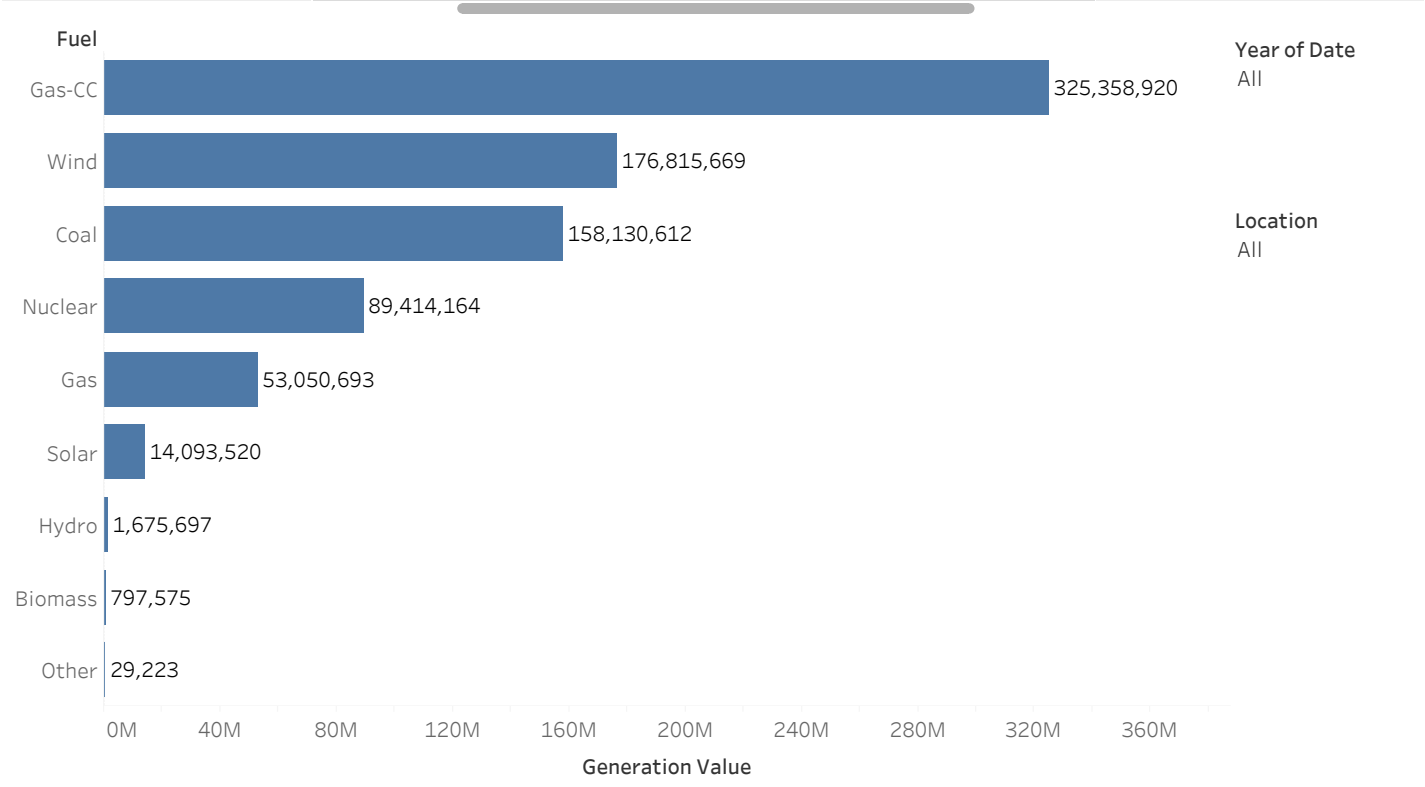


TEXAS ELECTRICITY PRICING ANALYSIS

This visual tool focuses on seasonal price variations in a..

This visual tools gives insights about power each generated from each fuel. Gasoline has the highest contribution towards the power geneation. Use filt..

The below visual tool gives average electricity prices for e..

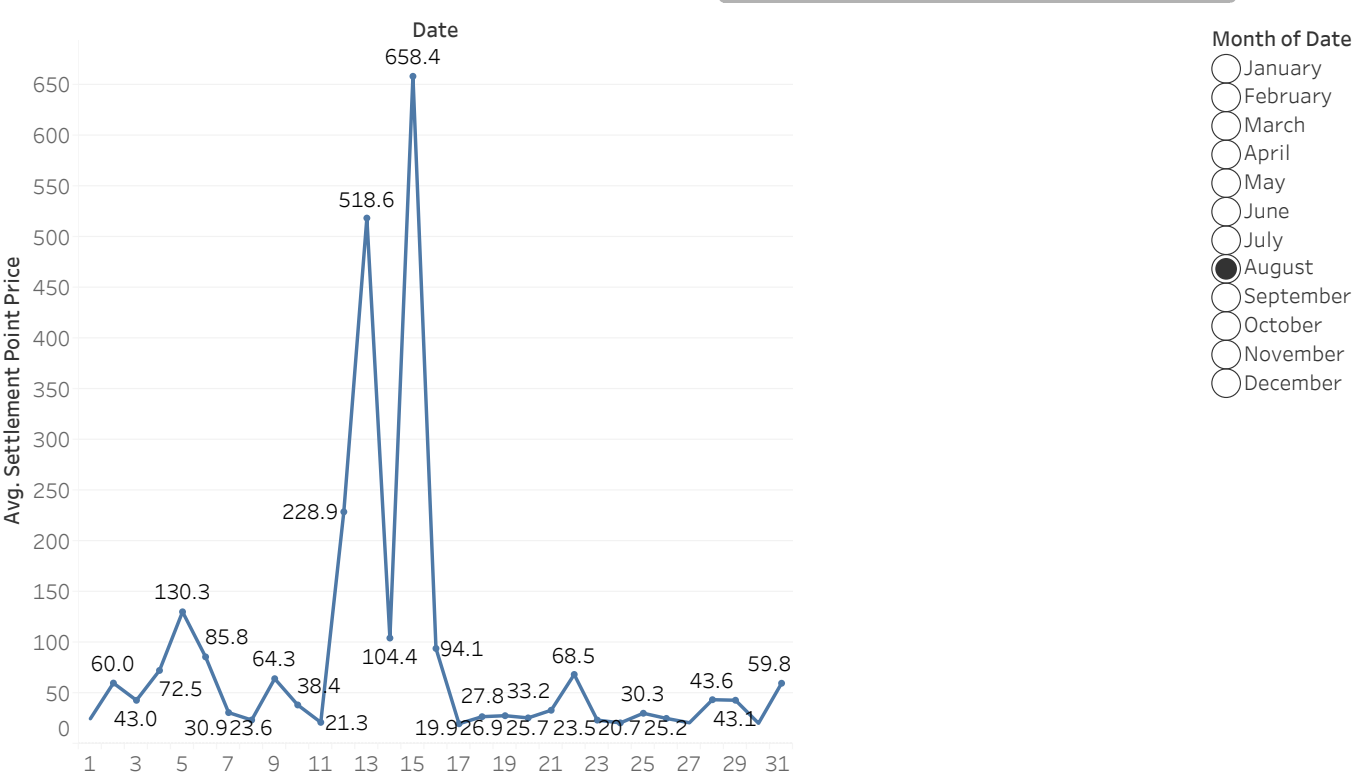


TEXAS ELECTRICITY PRICING ANALYSIS

This visual tools gives insights about power each generated ..

The below visual tool gives average electricity prices for each day in a month, the viusal explains there are too many ups and downs.

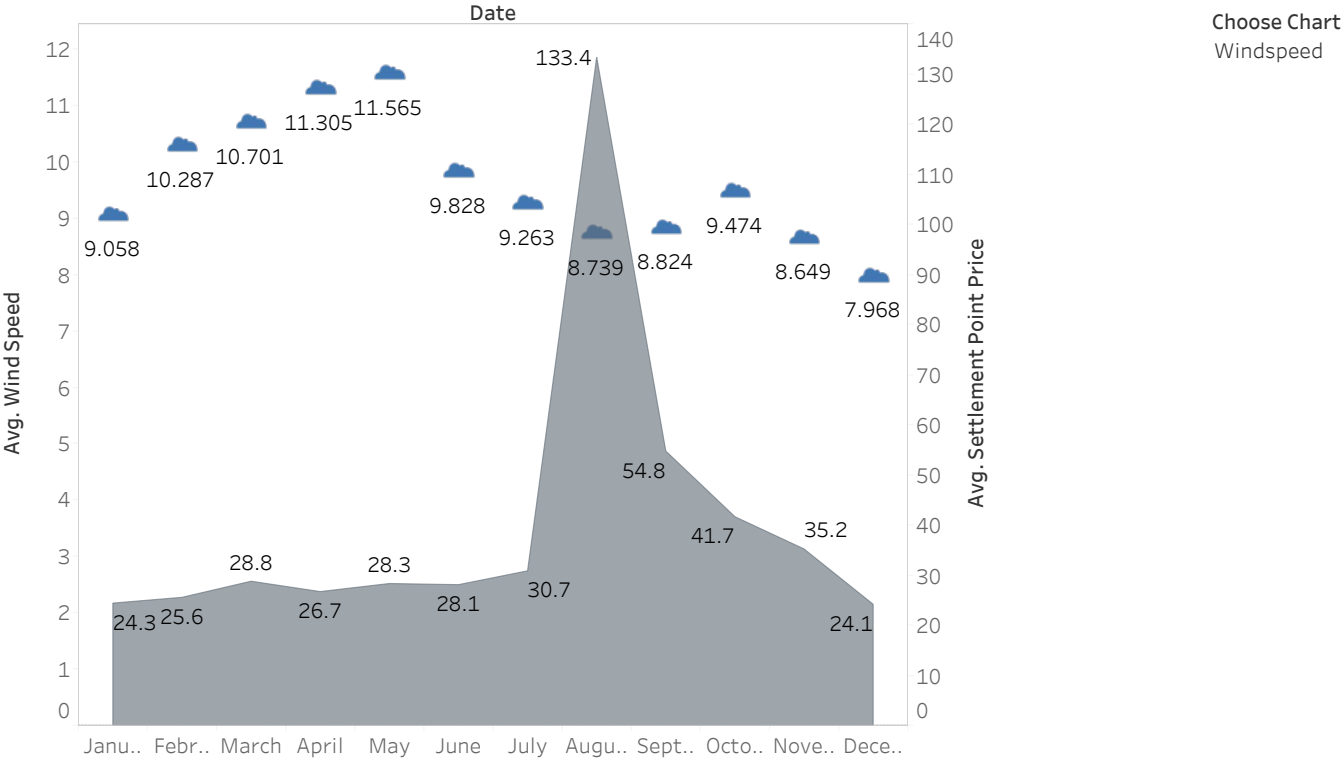
This visual tool conveys there is a spike in month of February w..



TEXAS ELECTRICITY PRICING ANALYSIS

The below visual tool gives average electricity prices for each day in a month, the viusal explains there are too many ups and ..

This visual tool conveys there is a spike in month of February when the windspeed is more than 10.



Year Filter

2019	2020	
------	------	--

Date Year broken down by Date Year.

Year Filter

2021

Date Year broken down by Date Year.

Feb data Extra Credits

Map based on Longitude (generated) and Latitude (generated). Color shows details about Region. Details are shown for State.