

Table : Dataset Information for PJM

Detail	Description
Data Source:	JM Website - Metered Hourly Load
Retrieved From:	<a href="https://dataminer2.pjm.com/feed/hrl_load_metered/definition">https://dataminer2.pjm.com/feed/hrl_load_metered/definition</a>
Variables Used:	datetime_beginning_ept(Date), mw (Load_MW)
Date Range:	1/1/2010 - 12/31/2022

Table : Real-Time Dataset Information for PJM

Detail	Description
Data Source:	PJM website - Regulation Zone Preliminary Billing Data
Retrieved From:	<a href="https://dataminer2.pjm.com/feed/reg_zone_prelim_bill/definition">https://dataminer2.pjm.com/feed/reg_zone_prelim_bill/definition</a>
Variables Used:	datetime_beginning_ept(Date), mw (Load_MW), rmpcp (Price)
Date Range:	1/1/2013 - 12/31/2022

Table : Day-Ahead Dataset Information for PJM

Detail	Description
Data Source:	PJM website - Day-Ahead Scheduling Reserve
Retrieved From:	<a href="https://dataminer2.pjm.com/feed/dasr_results/definition">https://dataminer2.pjm.com/feed/dasr_results/definition</a>
Variables Used:	datetime_beginning_ept (Date), mw (Load_MW), dasrmcp (Price)
Date Range:	1/1/2010 - 12/31/2022

Table : Dataset Information for ERCOT

Detail	Description
Data Source:	ERCOT Hourly Load Data Archives
Retrieved From:	<a href="https://www.ercot.com/gridinfo/load/load_hist">https://www.ercot.com/gridinfo/load/load_hist</a>
Variables Used:	Hour_Ending, ERCOT
Date Range:	1/1/2010 - 12/31/2022

Table : ERCOT Linear Model Demographic Data

Detail	Description
Year:	2010 - 2022
Electricity Price:	Average prices of electricity to ultimate customers ( <a href="https://www.eia.gov/totalenergy/data/monthly/pdf/sec9_11.pdf">https://www.eia.gov/totalenergy/data/monthly/pdf/sec9_11.pdf</a> )
Median Income:	Income level at which half of the households in Texas earn more and half earn less ( <a href="https://fred.stlouisfed.org/series/MEHOINUSTXA672N#">https://fred.stlouisfed.org/series/MEHOINUSTXA672N#</a> )
Percent Renewable:	
Percent Minority:	Subtraction of white only percentages after dividing white population from totals (U.S. Census 2010-2022)

Detail	Description
Population:	Total Population each year for Texas ( <a href="https://www.census.gov/programs-surveys/popest/data/data-sets.html">https://www.census.gov/programs-surveys/popest/data/data-sets.html</a> )
Mean Load:	Average load for ERCOT