



ESPA: Energy Supply Project Analysis

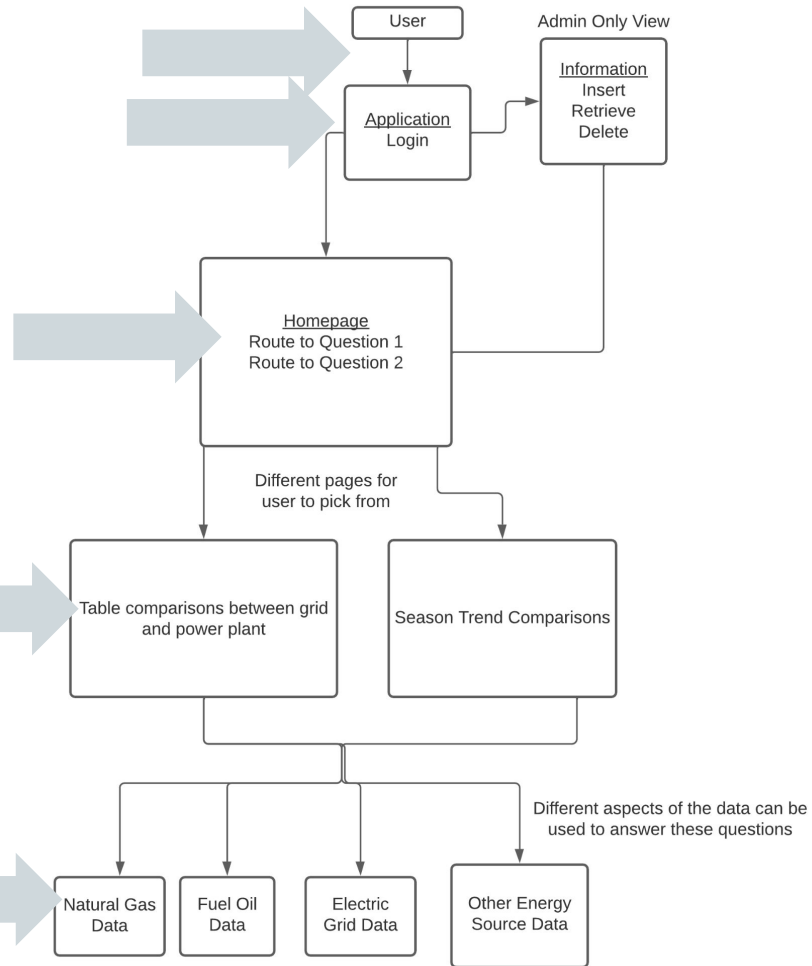


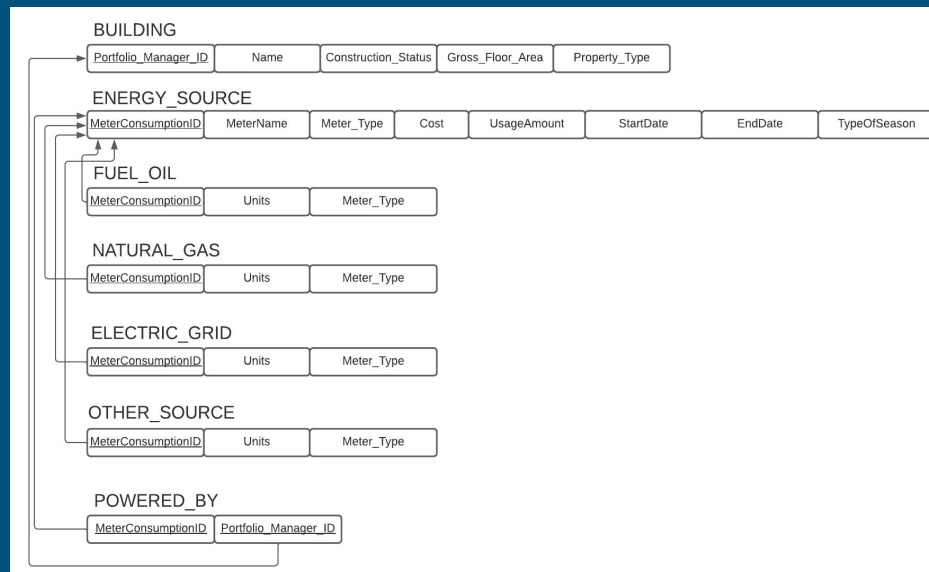
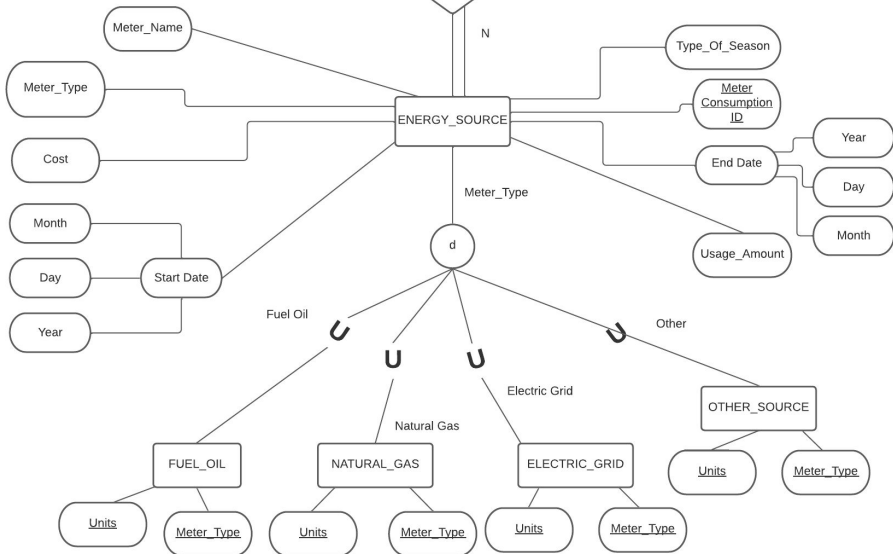
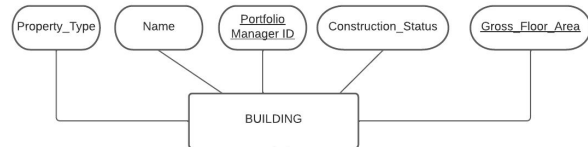
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Information about Database

- 1430 rows of records within data set
 - Est. 4.1 million rows of records to display 15 minute fluctuations
- Type of searches
 - Select an energy source
 - Enter starting / ending year
 - Show meter costs
 - Select year, month, daily
 - Select by seasons
- Average number of searches
 - 2-4 per user





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Energy Supply Analysis

How can the energy sources from the power plant differ from the energy of the electric grid in terms of its energy supply efficiency?

Select an energy source:

☒ Electric-Grid☒ Natural Gas☐ Fuel Oil☐ Other

Select either:

☒ Year☐ Month☐ 15 minute☒ Show meter cost?

Please enter a starting year from (ex. 2009 - 2020):

Please enter an ending year from (ex. 2009 - 2020):

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Result:

Standard kBtu / Cost

Year of Start Date	Cost (\$)	Standard kBtu	[Standard kBtu]/[Cost (\$)]
2009	1,767,096	295,958,925,234	2,317,644
2010	4,344,435	611,383,416,938	6,183,328
2011	3,995,550	608,920,998,752	6,524,884
2012	3,403,877	647,272,152,811	8,121,119

Meter Costs

Year of Start Date	Meter Type1				Grand Total
	Electric - Grid	Fuel Oil (No. 2)	Natural Gas	Other:	
2009	112,548		1,654,548		1,767,096
2010	381,284		3,963,151		4,344,435
2011	341,038		3,654,512		3,995,550
2012	328,378		3,075,499		3,403,877

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Energy Supply Analysis

How can each energy source vary in energy supply depending on the dates and seasonal aspects?

Select an energy source:

☒ Electric-Grid

☒ Natural Gas

☒ Fuel Oil

☒ Other

Select either:

☒ By month

☐ By season

Please enter a starting year from (ex. 2009 - 2020):

2017

Please enter an ending year from (ex. 2009 - 2020):

2019

Please select a specific month:

January



Please select a specific season:

Season Drop Down



Submit

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Standard kBtu / Cost Chart (5)

Month of Start ..	Electric - Grid	Fuel Oil (No. 2)	Meter Type1		Grand Total
			Natural Gas	Other:	
January 2017	12,493,644		34,714,986,135		34,727,479,779
January 2018	1,131,520	8,926,198,348	63,399,252,956		72,326,582,824
January 2019	963,229	7,358,649,636	59,819,459,732	0	67,179,072,597
Grand Total	14,588,393	16,284,847,984	157,933,698,823	0	174,233,135,200