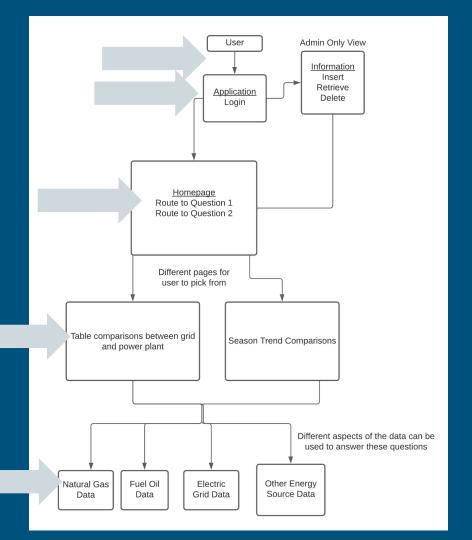
ESPA: Energy Supply Project Analysis

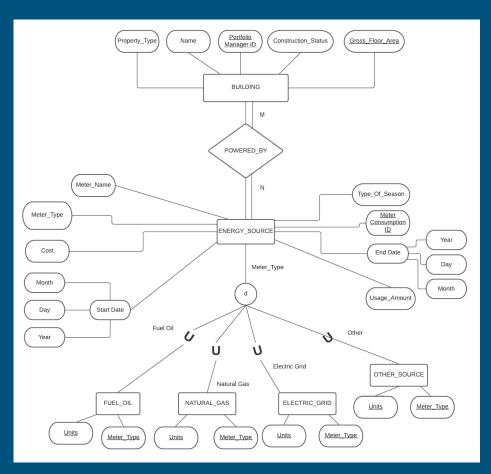
Sterly Deracy, Peter Kelly, Amy Vargas, Joseph Oczkowski, Matthew Seitz, Grant Bushoven, Daniel Melamed

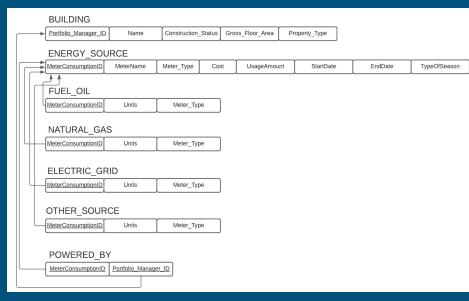
Information about Database

- 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
 - o 2-4 per user









Question 1 - UI Sample							
TCNJEnergySupplyAnalysis.com							
Home Energy Efficiency Energy	Reliability Admin Login						
How can the two en	rgy Supply ergy sources, electric-g iffer in terms of its energy	rid and elements from the power					
Select an energy source: Electric-Grid Natural Gas Fuel Oil Other	Select either: Year Month 15 minute	Please enter a starting year from (ex. 2009 - 2020): 2009 Please enter an ending year from (ex. 2009 - 2020): 2012					
	Show meter cost	?					

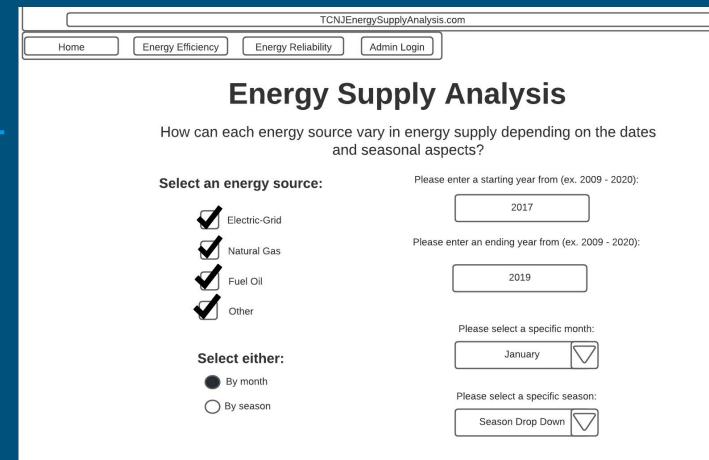
		TCNJE	nergySupplyAnalysis	.com
Home	Energy Efficiency	Energy Reliability	Admin Login	

Result:

Standard kBtu / Cost

Meter Costs

						Meter Typel		
Cost (\$)	Standard kBtu	[Standard kBtu]/[Cost (\$)]	Year of Sta	art	Fuel Oil (No.			
1,767,096	295,958,925,234	2,317,644	Date	Electric - Grid	2)	Natural Gas	Other:	Grand Total
4,344,435	611,383,416,938	6,183,328	2009	112,548		1,654,548		1,767,096
3,995,550	608,920,998,752	6,524,884	2010	381,284		3,963,151		4,344,435
3,403,877	647,272,152,811	8,121,119	2011	341,038		3,654,512		3,995,550
	1,767,096 4,344,435 3,995,550	1,767,096 295,958,925,234 4,344,435 611,383,416,938 3,995,550 608,920,998,752	1,767,096 295,958,925,234 2,317,644 4,344,435 611,383,416,938 6,183,328 3,995,550 608,920,998,752 6,524,884	1,767,096 295,958,925,234 2,317,644 Date 4,344,435 611,383,416,938 6,183,328 2009 3,995,550 608,920,998,752 6,524,884 2010	1,767,096 295,958,925,234 2,317,644 Date Electric - Grid 4,344,435 611,383,416,938 6,183,328 2009 112,548 3,995,550 608,920,998,752 6,524,884 2010 381,284 2011 341,038	1,767,096 295,958,925,234 2,317,644 Date Electric - Grid 2) 4,344,435 611,383,416,938 6,183,328 2009 112,548 3,995,550 608,920,998,752 6,524,884 2010 381,284	Cost (\$) Standard kBtu [Standard kBtu]/[Cost (\$)] Year of Start Fuel Oil (No. Natural Gas 1,767,096 295,958,925,234 2,317,644 Date Electric - Grid 2) Natural Gas 4,344,435 611,383,416,938 6,183,328 2009 112,548 1,554,548 3,995,550 608,920,998,752 6,524,884 2010 381,284 3,963,151 2010 3,1284 3,264,512 3,654,512 3,654,512	1,767,096 295,958,925,234 2,317,644 Date Electric-Grid 2) Natural Gas Other: 4,344,435 611,383,416,938 6,183,328 2009 112,548 1,654,548 3,995,550 608,920,998,752 6,524,884 2010 381,284 3,963,151 2011 341,038 3,564,512



Submit

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Home Energy Efficiency

Energy Reliability

Admin Login

Standard kBtu / Cost Chart (5)

Meter Type1			
	B.E. ad	-	Tuenn

Month of Start	Electric - Grid	Fuel Oil (No. 2)	Natural Gas	Other:	Grand Total
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