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CSC315

Effectiveness of NJ Energy Efficiency Programs and Solar Installations Model Relational Schema

Municipality Code

Municipality_index	Municipality_name	County

Municipality

Municipality_index	Year	County	Residential_electricity	Commercial_electricity	Industrial_electricity	street_light_electricity	Residential_gas	Commercial_gas	Industrial_gas	street_lighting_gas	Gas_utility	Electric_utility

Energy Efficiency Programs

Municipality_index	Num_CI_taxed_parcels	Total_completed_projects	current_lifetime_rate	Num_projects_needed

Solar Installation Programs

Application_number	Municipality_index	Status	Third_party-ownership	Program	PTO_date	Calculated_system_size	Contractor	Interconnection	Utility_name

Commercial Solar Customer

Application_number	Premise_company	Premise_installation_address

Size Estimation

	Municipalities					storage size (bytes)					
Municipalities	Text	int	bigint			text	int	bigint	double	date	boolean
	3,955	3	8	2		16	4	8	8	4	1
Size	379,680										
	Solar Installations										
Solar Installations	boolean	double	text	date							
	137,098	1	1	7	1						
Size	17,137,250										
	Energy Efficiency Programs										
Energy Efficiency Programs	text	double	int								
	564	1	1	3							
Size	20,304										
total	17,537,234										

17,537,234 bytes = 17.537 megabytes