The City of Winter Park is Dedicated to Significantly Reducing Its Carbon Emissions Footprint. A Feasibility Study Determined The City of Winter Park Could Achieve a ~90% Carbon-Free Energy Supply for a Minimal Cost Increase.

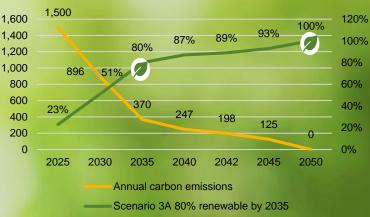
Step 1: Defined carbon reduction objectives and assumptions.	Step 2: Defined forecasts of electric loads, distributed energy resources like solar panels, and electric vehicles plus forecast variations.	Step 3: Assessed optional energy supply portfolios across future scenarios.	Step 4: Recommended a preferred energy supply portfolio and created implementation roadmap.
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Renewable power is economical, sustainable and paves the way towards a brighter, greener future.

The City of Winter Park Adopted the Goal of Reaching 80% Renewables Energy Supply by 2035 and 100% by 2050. Implementation Roadmap is Shown Below.

		Actions	Projects
	Define detailed goals and	Define carbon reduction and customer program milestone	
Short	Timeframe: Next 3 months	Define detailed goals and milestones	Hire Program Manager to coordinate all aspects to reach the goals.
Timeframe :		Develop customer electric vehicles, energy efficiency and flexible demand programs.	Complete studied for load research, energy efficiency and, flexible demand program design and time of use metering analysis
	Timeframe:		Complete a study of all City of Winter Park. Facilities and land for potential solar/storage additions
Mid	Mid Next 2 years		Complete an electric vehicle adoption study for City of Winter Park fleet.
			Explore financing for customer rooftop solar and storage.
		Complete an update to the energy supply plan with a technology maturity assessment and new customer programs	
Long	Implement customer	Implement a robust set of energy efficiency, flexible demand programs.	
	NEXL 4 years	electric vehicles, energy efficiency, flexible demand and procurement of renewable energy	Consider implementation of time of use rates.
			Consider implementation of new cost-based net energy metering rates for customers
	supply.	 Commit to revising and updating the energy supply plan every 3 - 4 years 	

Annual Renewable Contributions vs. Carbon Emissions



 Reducing greenhouse gas emissions reduces the City of Winter Park's impact on our shared environment