Charging down the path to Zero Emissions



Infrastructure and power requirements to support an electric fleet

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Project Overview

We're gonna rock down to...



Green Fleet Strategy

Driving Peel toward reduced fleet emissions



Operations Support Division





Region of Peel

NET ZERO EMISSIONS BUILDING STANDARD FOR NEW CONSTRUCTION



Scope and Deliverables Electric Fleet Charging Infrastructure Study

The Big Questions:

- How many chargers do we need?
- When do we need them?
- Do we have enough power?
- How much is going to cost?

The Major Deliverables:

- Capital plan with annual budgets
- Site plans
- Electrical drawings

16
buildings

911

vehicles

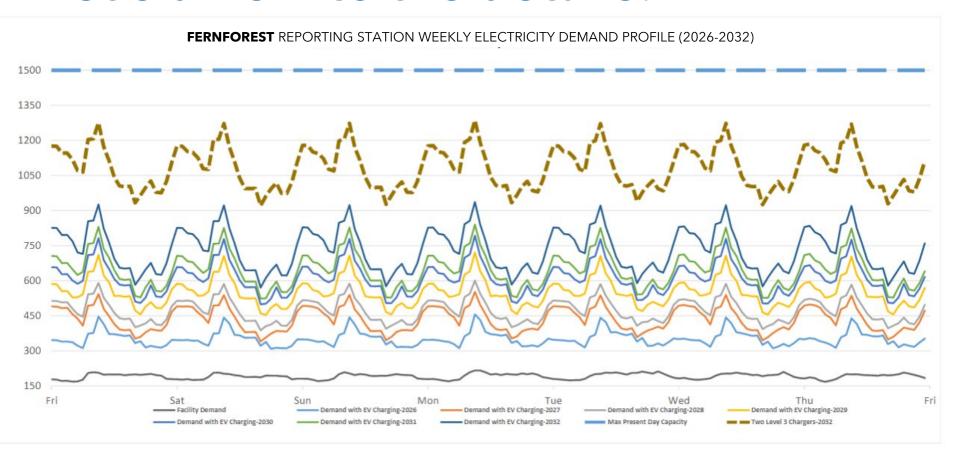


2024-2032

timeframe



Let's dive into the details!



Kick-Off

Invest the time in your Project Charter

- Everybody meet everybody
- Agreement on the destination
- Who's pitching in
- What we're going to do and what we're going to get
- Who's doing what
- Get the scribbles
- ...get to work!



Procurement Process Request for Quotation







- Project schedule and organizational structure submitted with bid submission
- Provisional pricing for extra meetings and site assessments

Clearly outline:

- Activities and deliverables
- Expected timelines and major milestones
- Major Assumptions
- Data they'll receive

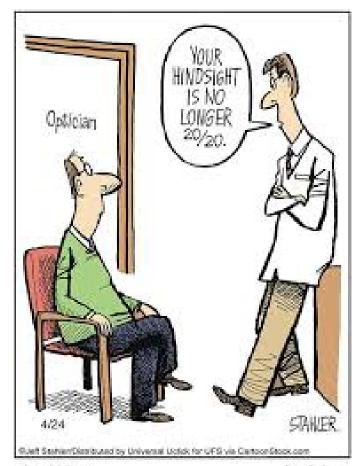
Data organization and sharing

- Building Drawings
- Electricity Use
- Fleet Information



Lessons Learned

- Own it all the spreadsheets, the calculators, the word docs, etc.
- Provisionally price items which may be added or deleted from the scope
- Get the financial assumptions up front



Company adoption appoint

Cirtootikaskeeni