

EV Infrastructure and Utility Experience



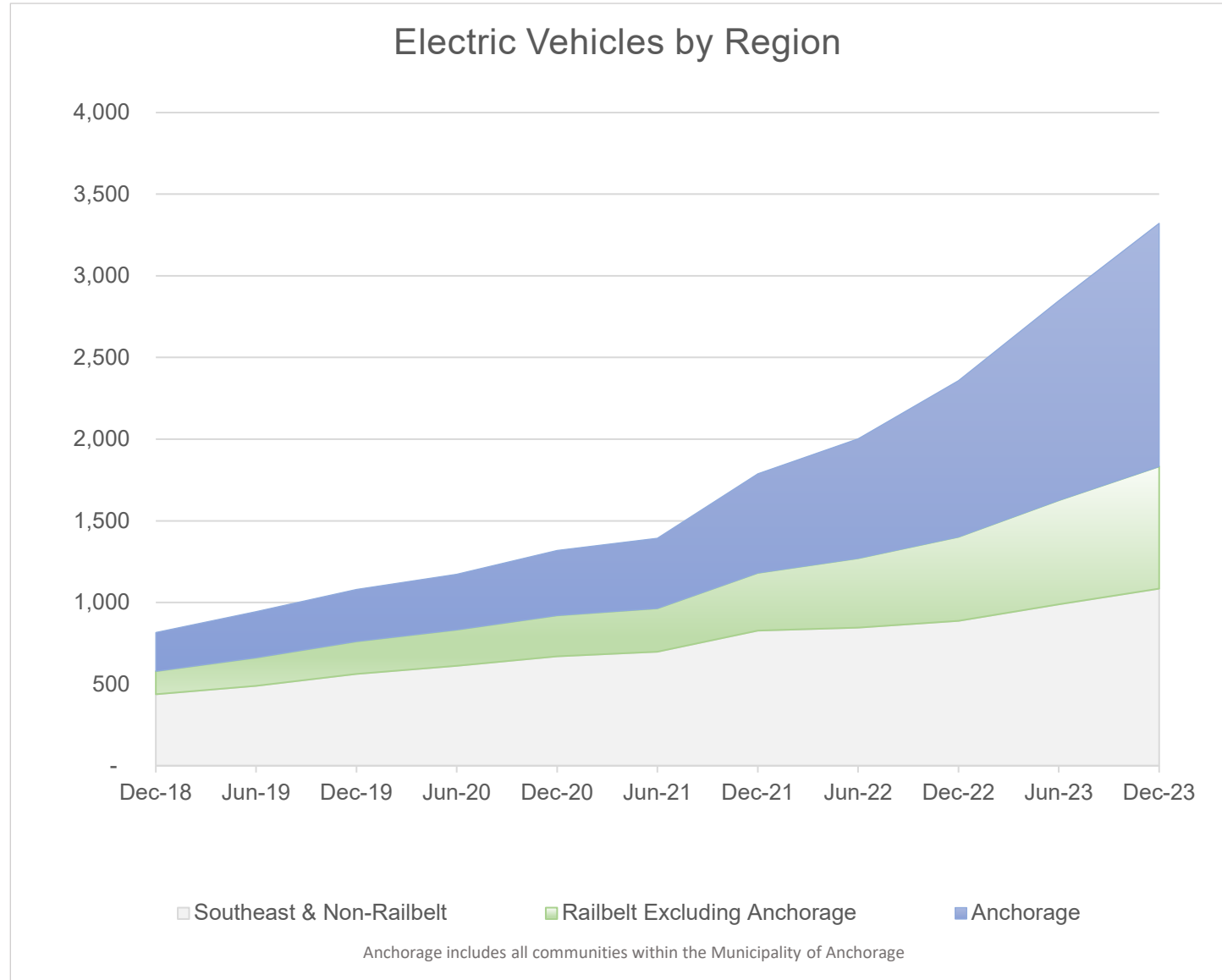
AEA EV Technical Working Group – 8/13/24
Mark Henspeter - Chugach Electric Association, Inc.

Utility Perspective

>65% YoY growth for all EVs in Anchorage

>80% YoY for BEVs

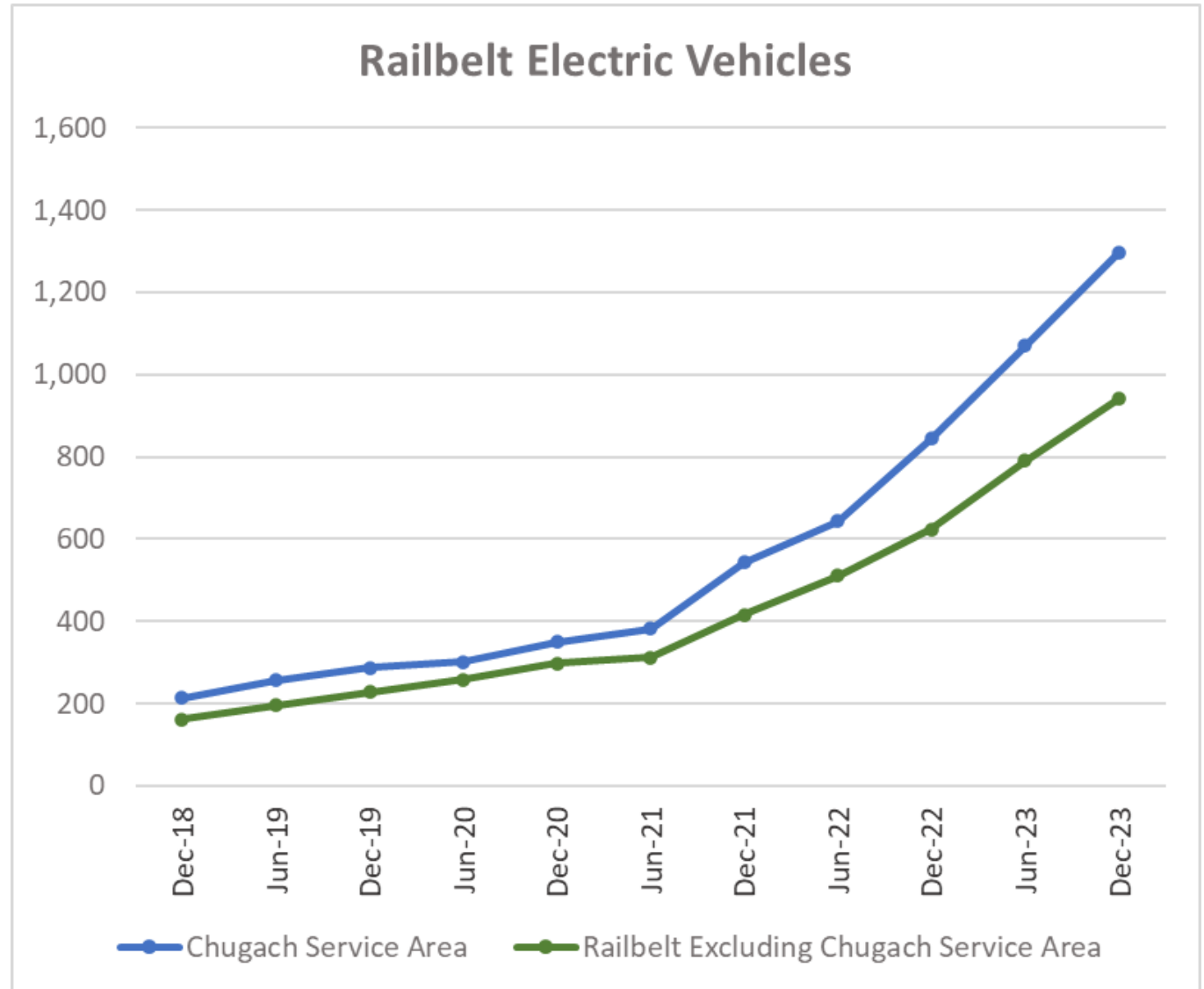
>40% YoY for PHEVs



EV Growth Statewide

About 70% of total EVs in Alaska are BEV

Higher % BEV in Anchorage



Recent Progress



Recent Progress



Recent Progress



Challenges

- Rapidly growing need for fast EV charging
- Cost of DCFC sites and timing of grant funding
- Manufacturer interest/support for quality equipment in Alaska and long-term viability of existing hardware

Opportunities

Invest in charging infrastructure to catalyze EV adoption

Operate EV charging stations only where necessary to fill a void

Establish partnerships to support growth of EV charging industry with utility support

Include future EV charging projects in long-term infrastructure planning and procurement to demonstrate market growth