

TRIPLETT, INC.

PRESENTED BY: TED AUGUSTINE



ACTIVE SITES



Charger Specifications:

- Rated at 100 KW each
- 100 KW to one car
- Simultaneously charge two cars at 50 KW
- Two units at each location
 - One with 2 CCS Connectors
 - One with a CCS and a CHAdeMO
- Charge up to 4 vehicles at once



GOODLAND, KS

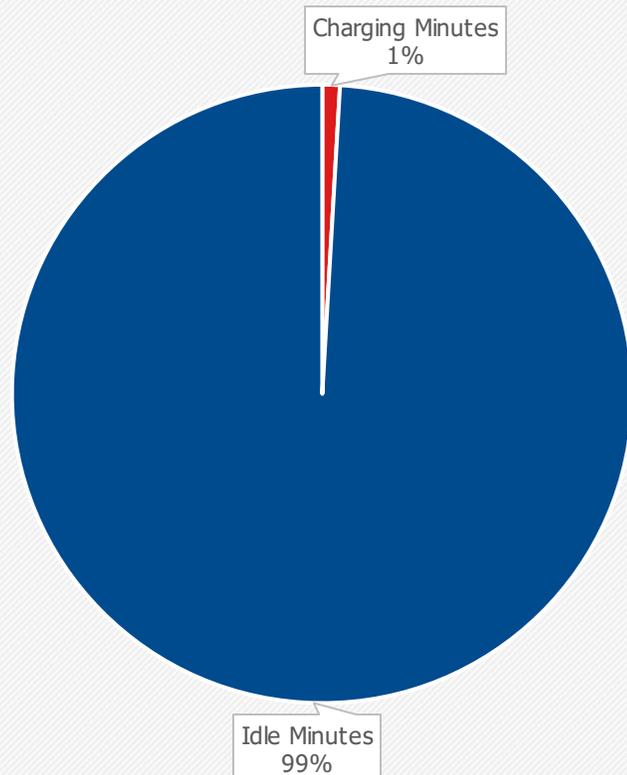


MCPHERSON, KS

2022 Data & Statistics



2022 Data & Statistics



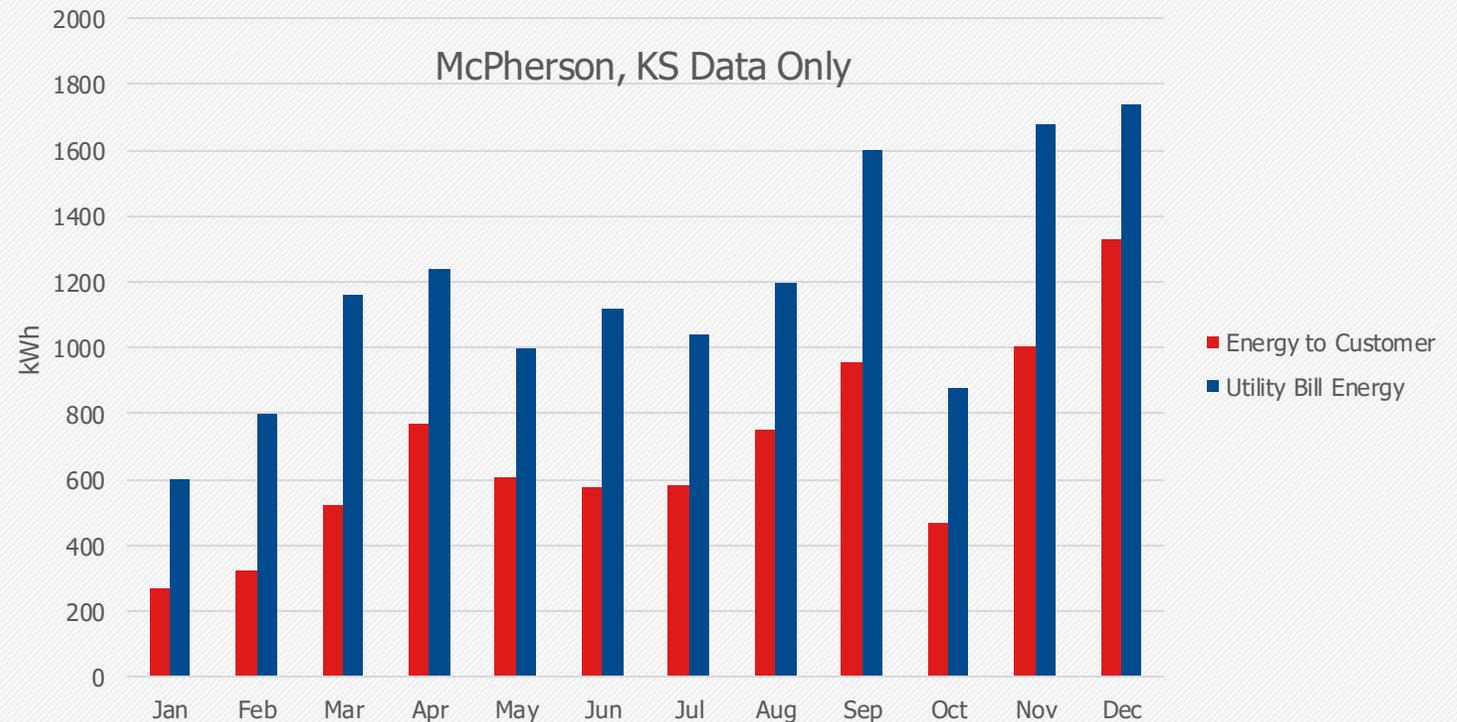
Utilization Statistics

- 46 sessions >90 KW peak
- 15 sessions peaked at charger limit of 100 KW
- ~2.5% of our EV customers could have utilized >100 KW
- 1% utilization of time capacity
 - 322 hours of charging provided
 - 35,040 hours of capacity
 - Ignores simultaneous charging

2022 Data & Statistics

Idle Energy Usage

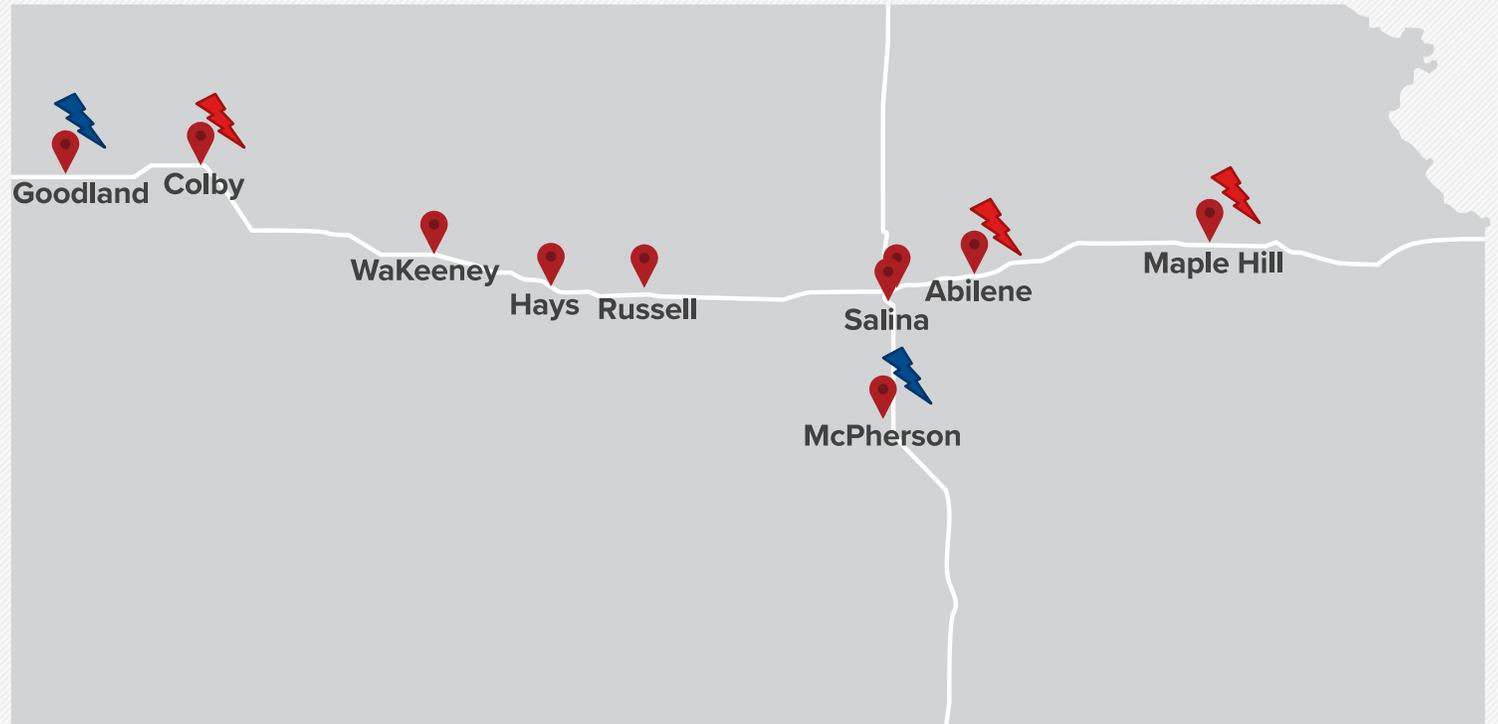
- 490 kWh at McPherson monthly idle energy
- 680 kWh at McPherson monthly to customer
- 42% of utility bill attributed to idle time
- Higher utilization needed
99% of day is idle time



Upcoming EV Projects



-  Maple Hill, KS – I-70 Exit 341
 - Cost Share – KDOT VW Settlement
 - 360 KW Power Cabinet
 - Two 360 KW Dispensers
-  Abilene, KS – I-70 Exit 275
 - Cost Share – KDOT VW Settlement
 - 360 KW Power Cabinet
 - Two 360 KW Dispensers
-  Colby, KS – I-70 Exit 53
 - Cost Share – DOE Grant
 - Same Setup as McPherson & Goodland



Recommendations for Retailers



- Buy the warranty
- Buy units with CC readers
 - Networks plentiful and market share is fractionalized
- Understand voltage architecture
 - 400 V vs 800 V
- Get assistance on equipment selection
 - Research “All-in-one” vs “Split System”
- Get cost share dollars
- Expect a large learning curve
 - Start with a test site
 - Vehicle affects charger function
 - Traditional POS integration not available
 - Serviceability issues