

# RURAL ELECTRIC COOPERATIVES & EV INFRASTRUCTURE

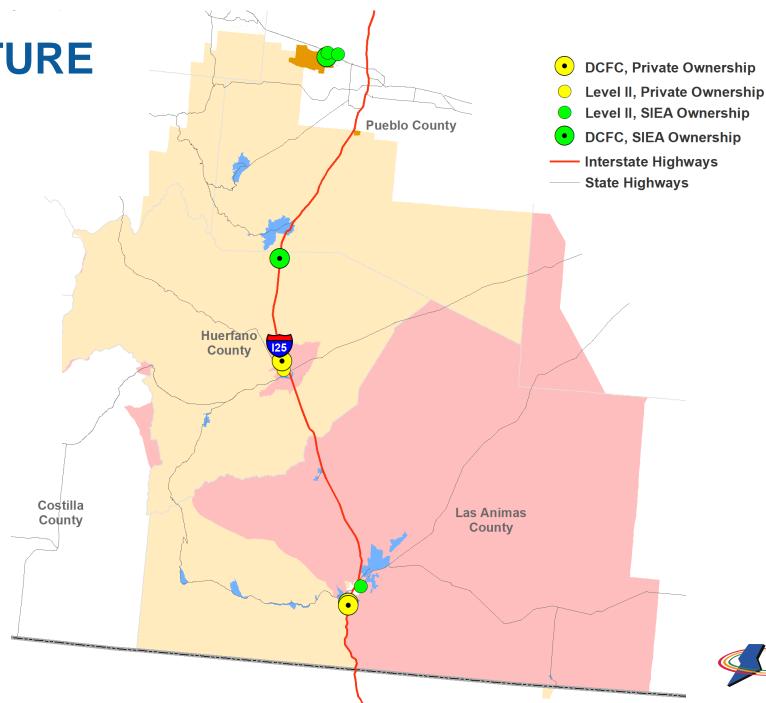


#### **SIEA'S TERRITORY** Crowley Southern CO County Pueblo County **SIEA Service Territory Custer County Urban Communities** 35% Suburban / 65% Rural **Rural Communities Disadvantaged Communities** • 21,000 members Otero County Huerfano Costilla County Las Animas



**EV INFRASTRUCTURE** 

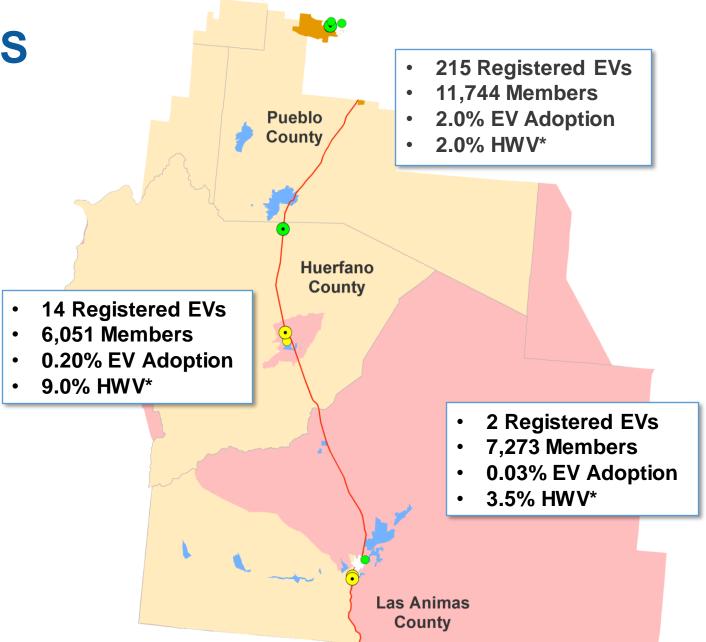
- 4 privately owned
  - 3 DCFC
  - 1 Level II
- 7 SIEA-owned
  - 2 DCFC
  - 5 Level II
- Future
  - State Parks
  - Scenic Highways
  - Local government
  - Transit agencies



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# **EV REGISTRATIONS**

- Low adoption in rural areas
  - 1% territory-wide
- Growth potential of
- High AADT along interstate and some state highways



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# **EV INFRASTRUCTURE FUNDING**

- State grants
- G&T grants
- Community partnerships





### **RESIDENTIAL CHARGING**

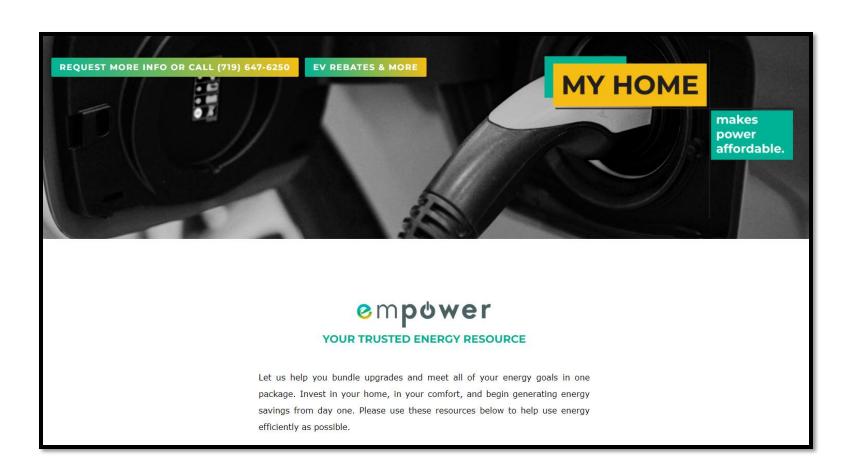


- Free with EV ownership and TOU
- Co-op payback of ~2 years
- RESP on-bill financing



#### RESIDENTIAL CHARGING

- Empower as one-stop shop
  - Assessment
  - Project Management
  - Financing
- EV charging and solar as EE gateway
- \$3.8 million in affordable on-bill financing





## **REC OPPORTUNITIES**



- Load growth
- Load management
- Economic development
- Member engagement



### **REC CONSIDERATIONS**

- Affordable connection & grid capacity
- Peak contribution
- Payback
- "Charging deserts"
- Coordination
- Equity
- Maintenance
- Software subscriptions







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