

Benton Rural Electric Association

Residential Electric Vehicle Level 2 Smart Charger Incentive Program

PURPOSE:

The purpose of the program is to educate Benton REA members regarding electric vehicles and available charging station options, provide a \$300 incentive to acquire and install a Residential Electric Vehicle Level 2 Smart Charger, and to operate the charging station in a manner that meets the members needs while minimizing the impacts to the Benton REA distribution system.

BACKGROUND:

Multiple car manufacturers are projecting to sell long-range electric cars in the \$30,000 range by 2020. Other car companies and tech companies are investing billions to catch up. Nearly all projections show EV sales dramatically increasing in the 2020's. The Benton REA Residential Electric Vehicle Charger Incentive program is designed to provide an incentive to purchase and install a residential Level 2 Smart Charger that operates during Benton REA established times. Looking ahead to the future, building a relationship with members who install EV charging stations also allows Benton REA the option of implementing a demand response program with the EV on its system.

QUALIFICATION:

Member shall provide a completed Benton REA Residential Electric Vehicle Level 2 Smart Charger Application to our office for our review. Once approved, a Residential Electric Vehicle Level 2 Programmable 240 volt AC Charger must be purchased and installed to the meet all local and applicable codes. A Labor and Industry Permit must be purchased and have a final approved inspection performed. Once this is completed, Benton REA will perform a visual inspection to verify all information is correct and the charging delay is set to Benton REA established parameters.

DURATION OF PROGRAM:

The availability of this program will be reviewed on an annual basis by the Board of Trustees.

INCENTIVE PAYMENT:

Upon the final visual inspection by Benton REA, an incentive payment of \$300.00 (identified in Policy 307.0) will be process and delivered to the member by mail.