

# Public Power Executive Luncheon



**Nebraska Public Power District**  
*"Always there when you need us"*

**Pat Pope**  
**President & CEO**



10TH ANNUAL  
**Nebraska  
Wind & Solar**  
CONFERENCE & EXHIBITION

**November 13, 2017**

# NPPD Retail Community Solar

Location	AC Size	Date	Comments
Venango	96 kW	December 2016	Over ½ kW per person
Scottsbluff	128 kW	January 2017	Looking to add 5 mW AC through active RFP
Kearney ↓	5.76 MW	Under Construction	84% of shares sold - will be Nebraska's largest solar project



# New Wholesale Power Contract Provision for up to 10% Local Renewable Energy

Location	Wind	Solar	AC Size
Loup Power	X		13,700
City of Seward	X		1700
Perennial	X		6900
City of Lexington *		X	3570
City of Gothenberg		X	468
City of Central City		X	600
City of Holdrege		X	56
Custer PPD		x	2320
Dawson PPD		X	308

**With current wind PPAs, hydro and wholesale customer renewable projects, NPPD will be well over 20% renewable**

**\*Largest operating in Nebraska**

# NPPD's Rate Schedule Allows End-Use Customers to Install Renewable Projects Larger than Net Metering

- City of Aurora Waste Treatment Facility
- October 21 ribbon-cutting for 488 KW AC



# NPPD Focused on Supporting the Electric Vehicle (EV) Revolution

- Transportation sector is the largest CO<sub>2</sub> emitter. Electrification of transportation reduces CO<sub>2</sub> emissions
  - NPPD is 60% carbon free for our customers
- With the tremendous growth of wind energy in Nebraska and SPP (with solar making large inroads) maintaining the grid reliability is becoming more challenging
- EV charging provides great opportunities for public power to balance generation and load

# Through the Nebraska Power Association, NPPD has taken the lead in forming an EV Committee

- Committee members
  - Pat Pope & Dave Rich, NPPD
  - Marc Shkolnick, LES
  - Wyndle Young, OPPD
  - David Bracht, Nebraska Energy Office
  - Brian Newton, City of Fremont
  - Neal Niedfeldt, Southern Power District
  - Andrew Ross, NMPP
- Working with Legislative and Rate Sub-Committees to review opportunities

# **NPPD is Partnering with our Wholesale Customers on a \$200 Incentive for Class 2 Home Chargers**

- Plans are to collect charging data in cooperation with the EV owner
- Data will be used to study options for customers to receive lower cost energy for EV charging
- Are considering other EV incentives such as a builder incentive for wiring EV circuit in new home construction

# Questions?