

# Oncor and Solar: Presentation to NTCOG

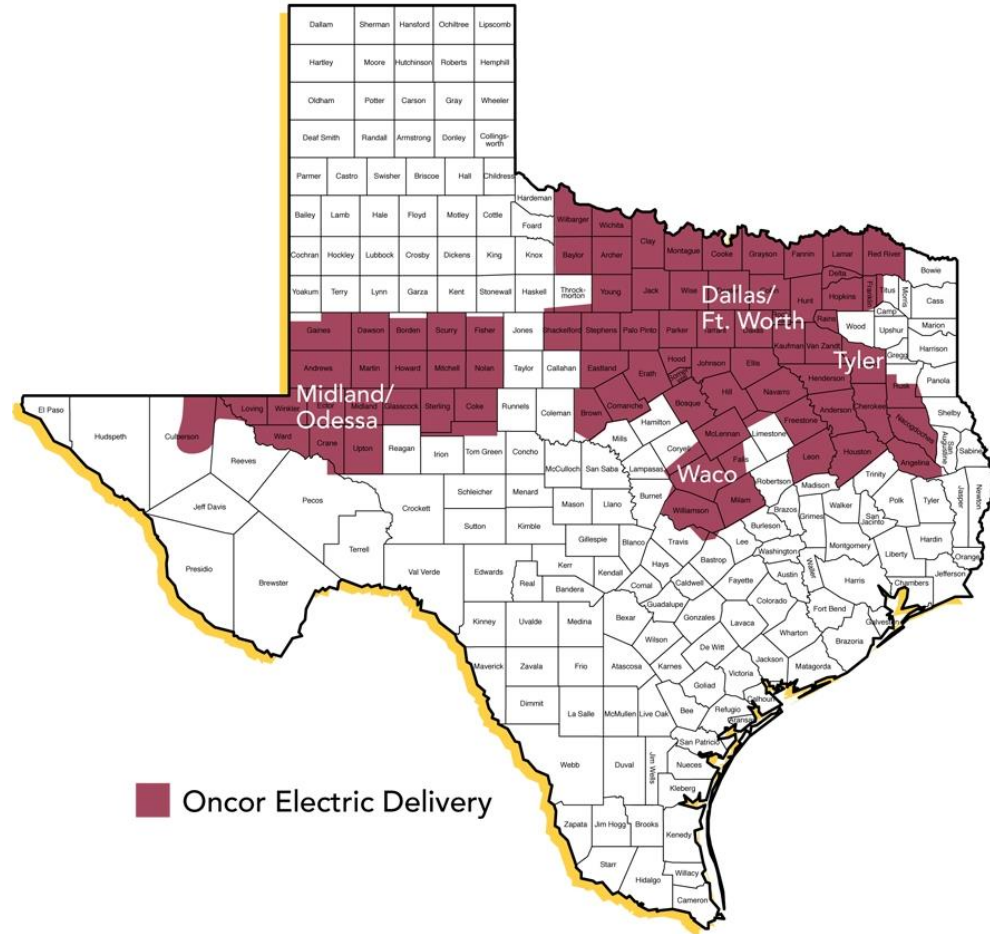
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# Who Is Oncor?

- Oncor is Texas's largest regulated electric delivery business in Texas
- Oncor supplies electricity to approximately 10 million consumers in a service area of over 400 communities
- Operates in the U.S.'s highest-growth region in electric demand, according to the North American Electric Reliability Council (NERC)



# Oncor Solar Programs

Financial incentives are offered to Service Providers for the installation of eligible distributed solar energy photovoltaic generating equipment as approved by the PUCT

- Available to Oncor residential and commercial customers (incentives paid to Service Providers)
- Savings based on azimuth, kW size, tilt, shade and inverter size
- Approximate incentive using approved savings calculation method:
  - Residential: \$.85 per DC Watt (at Standard Test Conditions (STC))
  - Small Commercial: \$.85 per DC Watt (STC) (<100kW)
  - Large Commercial: Reverse Bid process (>100kW) – now closed
  - All incentives are based on the production of the system during the Peak Demand Period
- All projects require an Interconnection Agreement

## Average 2016 Project:

Residential: \$5,539 with savings of 5.2 kW

Commercial: \$42,123 with savings of 40 kW



# Solar Standard Offer Program

## 2016 Budgets:

- Residential : \$4,625,974
  - Remaining funds: \$1,140,000
- Small Commercial (<100kW): \$5,125,974
  - Remaining funds: \$520,000
- Large Commercial (>100kW): \$2,500,000
  - Remaining funds: 0

## 2016 to Date:

- Residential: 850 active and completed projects
- Small Commercial: 81 active and completed projects
- Large Commercial: 16 projects active

# Bird's Eye View



# ARRAY EXAMPLE



# METER, INVERTER and DISCONNECT



## 2016 Participation

- **61 Residential Service Providers**
- **52 Small Commercial Service Providers**
- **29 Large Commercial Service Providers**
- **Requirements to participate**
  - Proven past experience
  - Master Electrician License or Texas Electrical Contractors License
  - Meet all of Oncor's insurance requirements
    - Auto
    - Worker's Comp
    - Commercial General Liability
  - Eligible to participate in Oncor's Efficiency programs