



***TEXAS
ADVANCED ENERGY
BUSINESS ALLIANCE***

ADVANCED ENERGY IN TEXAS

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What is Advanced Energy?

Electricity Generation

- Hydropower
- Gas turbines
- Solar
- Wind
- Geothermal
- Marine
- Waste
- Biomass
- Nuclear
- Other DG

Electricity Delivery & Management

- Transmission
- Distribution
- AMI
- Micro-grids
- EV Charging Infrastructure
- Energy Storage
- Enabling IT

Fuel Production

- Ethanol & Butanol
- Biodiesel
- Biogas
- Synthetic Diesel & Gasoline
- Bio-oil
- CNG & LNG
- Hydrogen

Fuel Delivery

- Fuel Transportation Infrastructure
- Fueling Stations

Energy Supply

Buildings

- Building Design
- Building Envelope
- HVAC
- District Energy, CHP, CCHP
- Water Heating
- Lighting
- Appliances & Electronics
- Enabling IT

Transportation

- Propulsion Systems
- Vehicle Design & Materials
- Freight Logistics
- Land Use & Infrastructure Design
- Enabling IT

Industry

- Manufacturing Machinery & Process Equipment
- Industrial Combined Heat & Power

Energy Demand

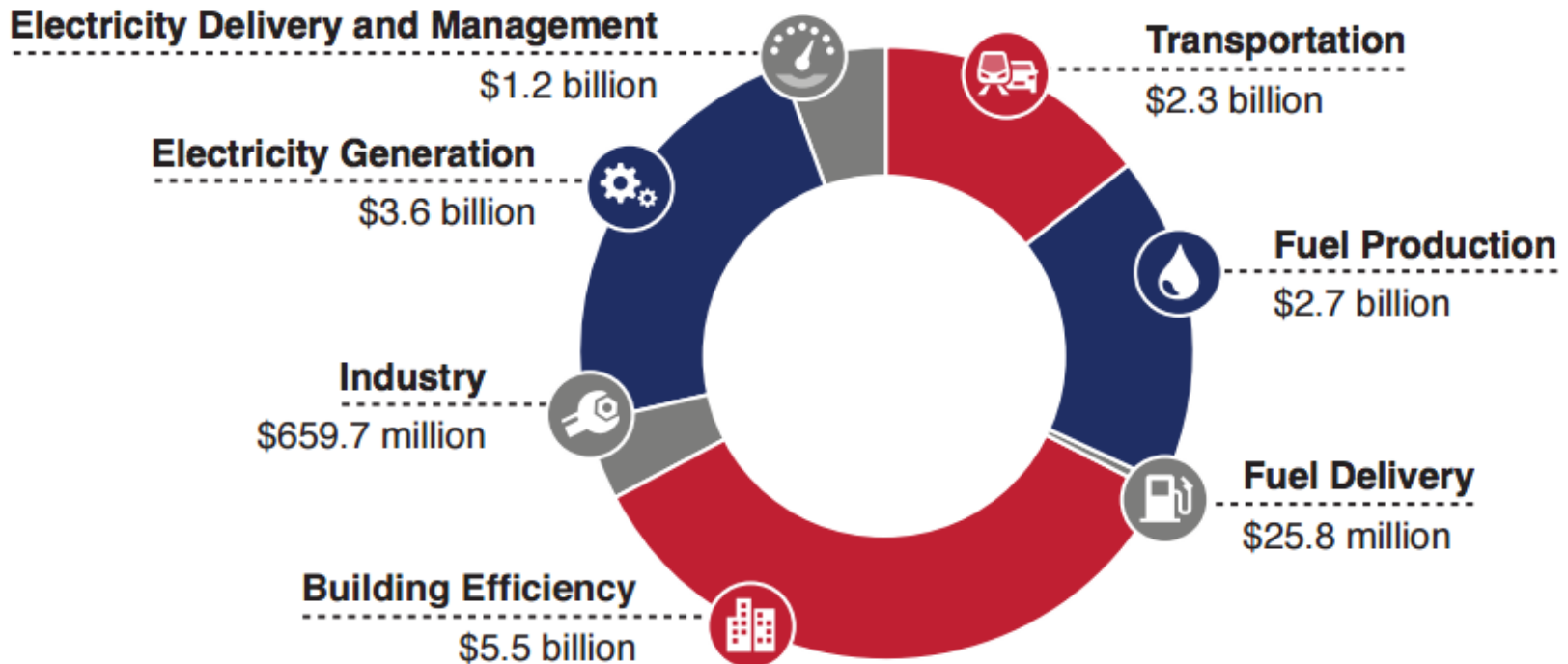


TAEBA is the Business Voice of Advanced Energy in Texas



How Big is Advanced Energy in Texas?

Advanced Energy: A \$16 Billion Texas Industry



Goal: \$80 Billion By 2030



Keys to Advanced Energy Growth to Date

- Texas' pro-business, pro-growth environment has allowed advanced energy to thrive.
- There is still untapped potential and ample opportunities for advanced energy development.
- Thoughtful public policies and a continued commitment to removing barriers to competition will give Texas the opportunity to position itself as the national leader in deployment of advanced energy technology.



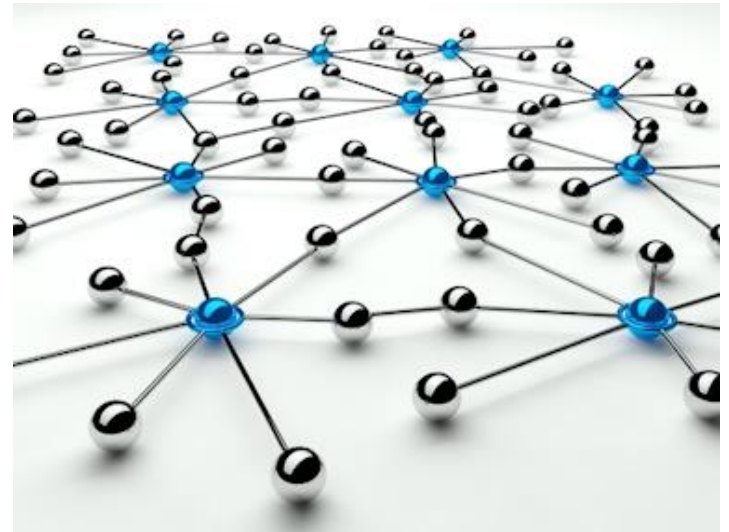
The electricity system is evolving

From here...



Power delivery that is treated as a long extension cord

...to here



Markets for a network of innovative, clean, distributed technologies...creating customer value



A more dynamic and complex electricity system

Greater customer engagement

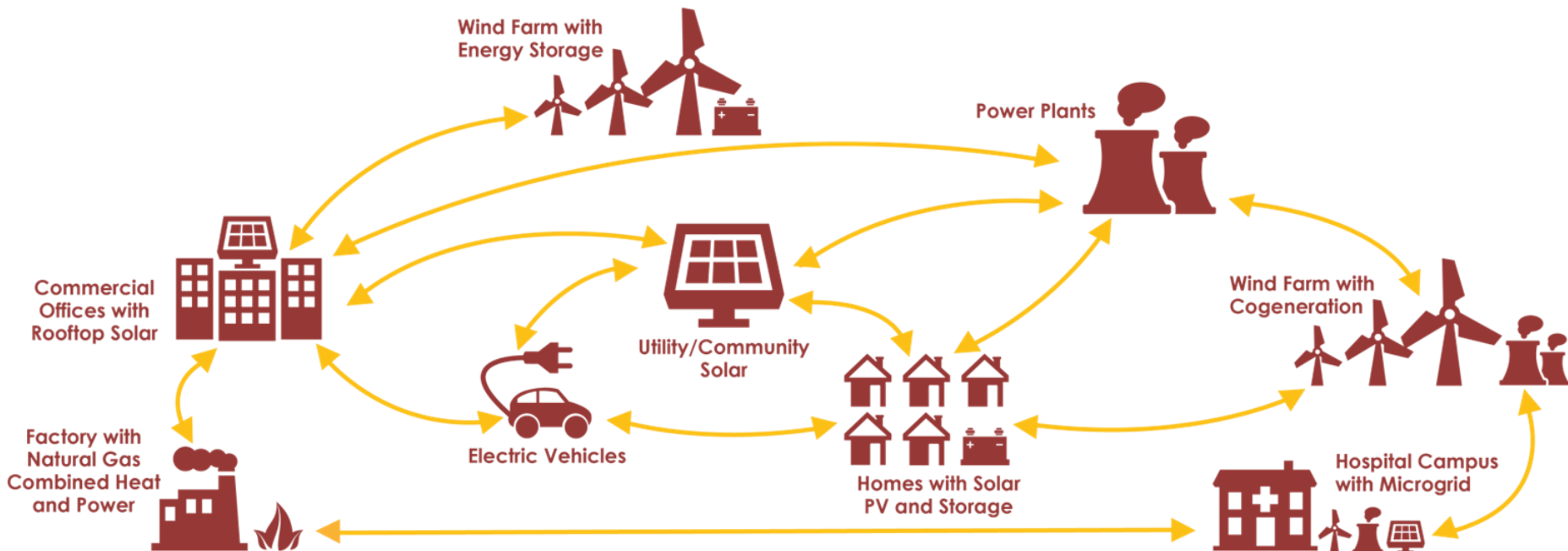
New products and services

Greater focus on value vs. cost

High DER penetration

Two-Way Energy Flows

Digitalization of the Grid



Source: Navigant, 2015



Policy Priorities to Grow Advanced Energy In Texas

Empowering
Customers with
Energy Data

Optimizing Electricity
System
Infrastructure

Providing Business
Certainty with Smart
Tax Policy

Aligning Regulations
to Ensure Customer
Savings from Energy
Efficiency

Removing Barriers
to ERCOT Market
Participation

Preparing for a
Rapidly Evolving
Energy Future

For more details, go to <http://www.texasadvancedenergy.org/policy>



For More Information about TAEBA

www.texasadvancedenergy.org

- Learn more about our policy priorities
- Download our reports:
 - Advanced Energy in Texas
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