UT Energy Week – Grid of the Future

Austin Energy’s Changing Resource Mix
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Austin Energy At A Glance

- Vertically Integrated Public Power Utility based in Austin, TX
- Affordability & Competitiveness Goals
- Resource & Climate Protection Plan to 2027
- Strategic Plan focus

- 461K Customers
- 2755 MW Peak
- 30% renewable*
- 12,214 miles
- 74 substations
- 1st Q SAID(F)I
- 2559 MW thermal

*FY 2016
Generation

Trends
- Low energy prices
- Scarcity/risk
- Renewables

1419 MW
65% renewable by 2027
Targeted thermal plant retirements

792 MW

T&D

Trends
- Growth
- Automation/ Modernization
- Renewables
- Storage

40 MW Storage
- 10 electric
- 30 thermal

Grid Mod T&D Capital Program

Customer

Trends
- Growth vs. Demand
- DR/EE, Renewables
- Enable EVs, DG, Storage

900 MW
DSM

200 MW
Local Solar

Community Owned, Customer Driven
Utility Residential Comparisons

Consumption

Residential Average Monthly Bill for CY 2016

- El Paso Electric Co: $79.80
- Austin Energy: $91.80
- Southwestern Public Service Co: $100.80
- City of New Braunfels - (TX): $110.79
- Green Mountain Energy Company: $111.99
- Bounce Energy, Inc.: $112.37
- Brownsville Public Utilities Board: $117.06
- City of San Antonio - (TX): $122.51
- Entergy Texas Inc.: $125.11
- Pedernales Electric Coop, Inc: $126.34
- Bluebonnet Electric Coop, Inc: $128.96
- Amigo Energy: $129.04
- Reliant Energy Retail Services: $143.83
- TXU Energy Retail Co LP: $150.44
- Nueces Electric Cooperative: $160.86

Source: U.S. Energy Information Administration Form 861, November 2017

Bills

Source: U.S. Energy Information Administration Form 861, November 2017