

Austin Energy's Efficiency and Renewable Energy Programs

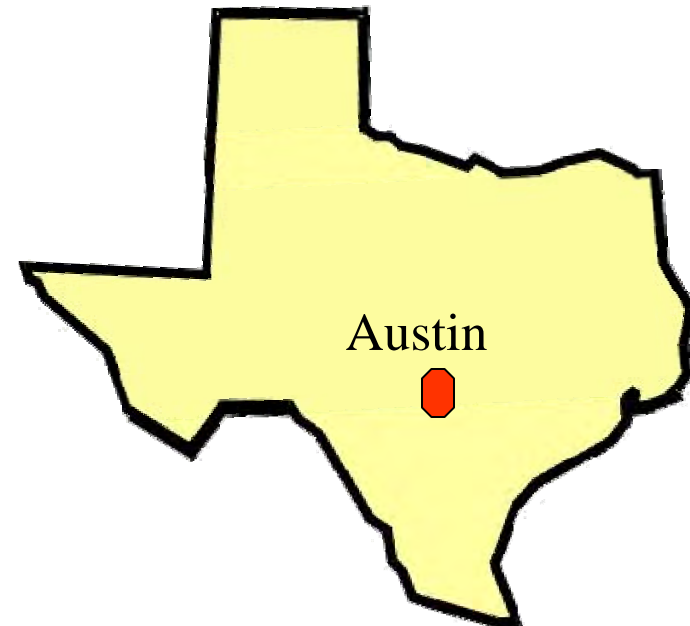
Presented to
**National Association of
Energy Service Companies**
May 18, 2005





Austin Energy

- ◆ Municipally-owned electric utility
- ◆ Serves more than 700,000 population
- ◆ Area > 400 sq. miles
- ◆ Generation 3170 MWs



The Perfect Storm



- Economics: Cheap oil is running out
- Environmental: Pressure to curb pollution from industry and transportation
- National Security:
Pressure to curb dependence on oil



Renewable Energy and Energy Efficiency



- Are strategic objectives for meeting energy need
- AE is well positioned with a diverse fuel mix
- Leadership position in RE, EE, and DG
- Serve a community willing to support innovative energy solutions



Austin Energy Strategic Plan December 2003



- Will first seek cost-effective RE & EE
- 15% Demand-Side Management by 2020
- 20% Renewable Energy by 2020
- 100 mW of Solar by 2020



Clean Energy Economic Development in Austin



- Large EE and PLM programs spur creation of entire local industry
- DSM Goal is 50 MW in savings per year
- \$23 million annual budget
- \$6 million in DG, district cooling, fuel cell



Commercial Energy Efficiency Rebate Program

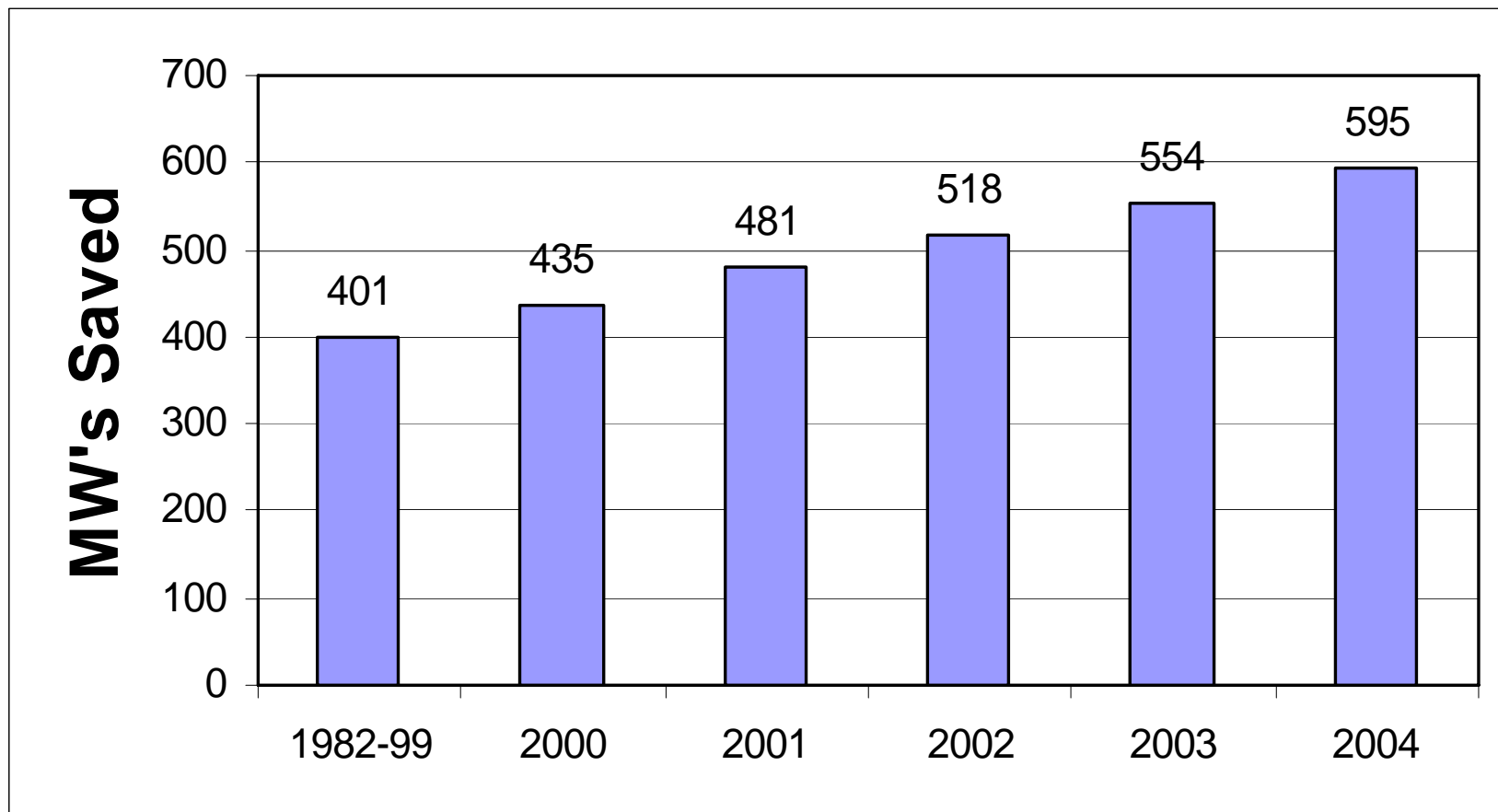


Example of Economic Development:

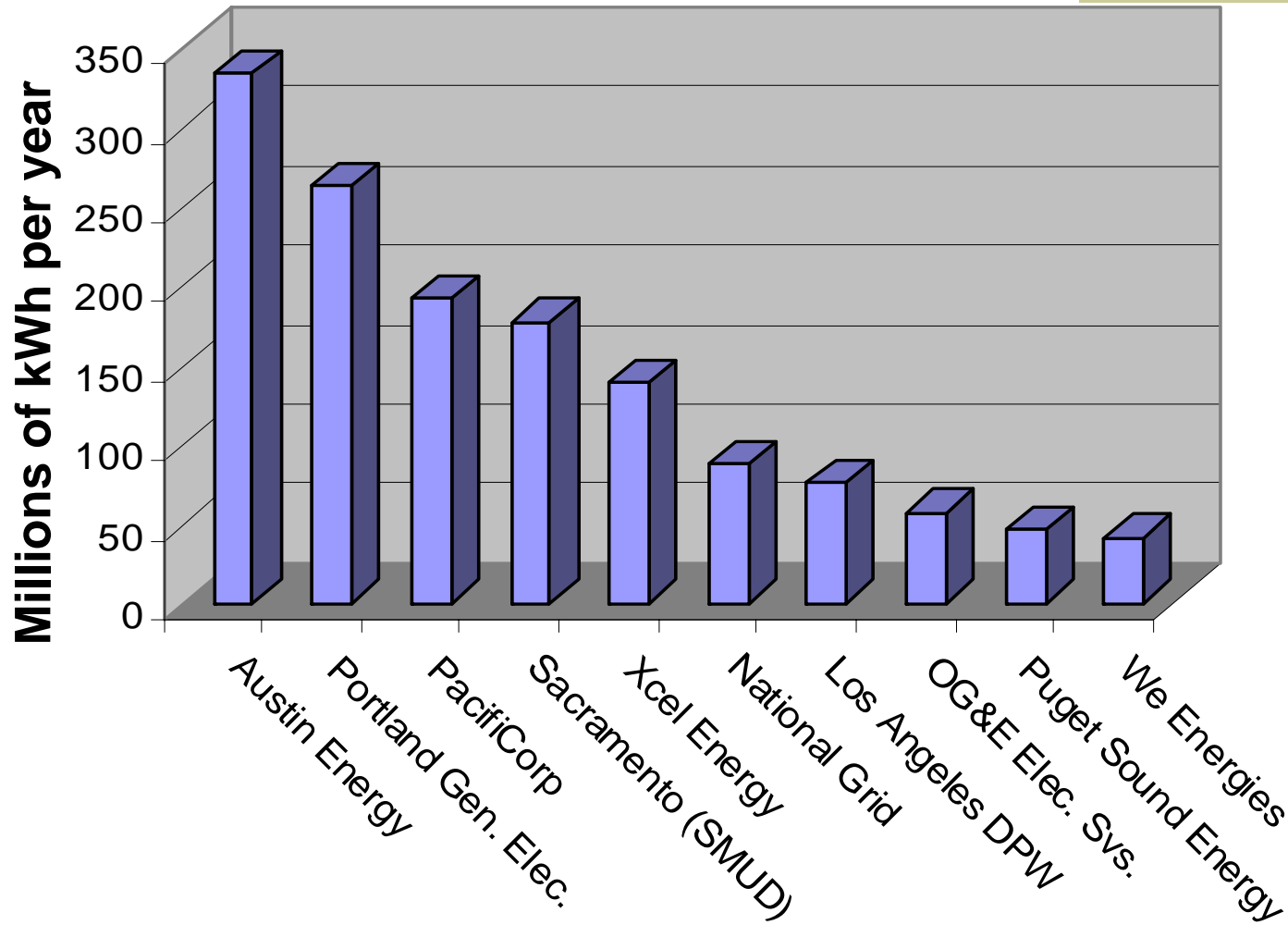
- Since 1985, \$22 million in rebates have been paid
- \$108 million in total economic activity
- 2,250 estimated jobs created
- Currently, 156 participating vendors in Austin DSM programs



EE Historical Savings



Austin's Green Choice Program #1 in the Nation – Again!



Solar PV Rebate Program



- Pays maximum of \$4,500 per kW of solar PV
- Residential rebates capped @ \$15,000
- Commercial rebates capped at \$100,000
- Higher incentives available for locally manufactured solar



Integration of the Electric & Transportation Sector



- Gas-optional vehicles (plug-in hybrids) are electric-drive hybrids with an all electric operating range
- Can be fueled through an electric wall outlet or at gas stations
- Are more gas-efficient than hybrids



2001 State Mandate for Energy Management



Requires “political subdivisions” to:

- Implement all cost-effective energy efficiency
- Establish a goal to reduce energy use by 5%/year
- Annually report progress to the State



Has Energy Efficiency Worked in Austin, Texas?



Just ask:

- The 156 participating contractors/vendors
- Our community associations and support groups
- Austin residents and business customers

Together, we are creating a vision to position Austin to become the Clean Energy Capital of the World.

