

## **Script: State fair of Texas**

People say everything's bigger and better in Texas. It's particularly true when you consider the innovation taking place in today's deregulated electricity market. The combination of a progressive legislative program, a forward-thinking public power commission, a disciplined approach to the competitive market and abundant natural resources have converged to benefit Texas consumers.

In west Texas, thousands of wind turbines span rocky mesas as far as the eye can see, turning an unproductive land into a source of clean, renewable energy. Texas is home to some of the world's largest wind farms, producing enormous amounts of "green" power to serve millions of Texans' homes. These farms generate the most wind power in the United States, and Texas is the sixth largest wind power producer in the world. Oncor and IBM have been working together for years to make this energy work for you.

Every day, your world runs on electricity. It heats and cools your home, washes your laundry and dishes, runs your appliances and lights your house. Electricity is now being used to fuel automobiles, and in the near future it's envisioned that you could charge your electric vehicle at night when prices will be lower and wind power is more abundant.

How is this possible? First, the Texas legislature and the Public Utility Commission of Texas approved a major power transmission project, called CREZ, to encourage further development of wind power across the state. It will move renewable power from west Texas to your home. Oncor will build a large portion of these new transmission lines, investing over US\$1.2 billion to bring wind power to the state's population. Soon, all of Texas will benefit from clean wind power.

Second, Oncor and IBM are implementing an advanced metering system to empower your energy usage. With advanced meters you'll be able to work with retail electric providers to manage electricity costs. Oncor has deployed over a million advanced meters, and will roll-out 2.4 million more. IBM is extending the necessary skills and expertise to integrate the entire solution.

Electricity costs usually peak in the early afternoon and drop towards nightfall. New metering technology combined with the future introduction of variable pricing models will enable you to compare real-time prices of electricity and your current usage for smarter decision making. For example, you could charge an electric vehicle at night when electricity is cheaper, and drive it during the day.

The advanced metering system will enable an intelligent home area network. This will enable you to coordinate the operation of your home appliances to reduce your overall power demand, and will help you automatically shift your power consumption to periods when power is less expensive. And that means you will save on your monthly bill while reducing your carbon footprint.

The grid of the future is here, and it uses clean, efficient wind power to reduce energy costs and lower carbon emissions. This is how IBM, Oncor and the state of Texas are building a smarter planet.

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