



# BE GREEN TO SAVE GREEN

Powering Communities with Renewable Energy



Thursday, October 11, 2018

MODERATOR



**GABE CASTRO**  
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TXU Energy

CUSTOMER  
PANEL

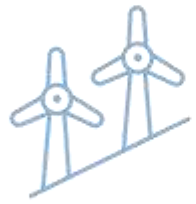


**CHRIS HILLMAN**  
City Manager  
Irving



**BEN THATCHER**  
Asst. City Manager  
Southlake

# THE RENEWABLE LEADER



**24%**

U.S. wind energy  
is generated in Texas\*  
**21,500 MW Total Capacity\*\***



**1,487** MW

of utility-scale solar  
is installed in Texas  
as of June, 2018\*\*



# CITY OF IRVING

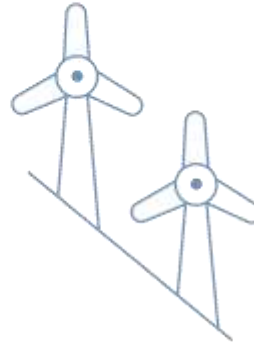


Population  
238,239

Annual MWh  
52,492

Powered by

**50% Wind**



*Environmental Impact:*



Equivalent to **4,862** garbage trucks  
of **waste recycled** instead of landfilled

## Sustainability Goals

- Continue to explore higher percent of renewal energy
- Continue to explore other methods of renewable energy sources
- Continue to encourage LEED certification and energy efficient management processes

## Energy Efficiency Projects

- LEED Executive Order in August 2008
- West Irving Library
- South Irving Library
- Fire Station 12
- Electric Vehicle Charging Stations

# CITY OF SOUTHLAKE



Powered by

**95% Wind** and **5% Solar**



Population  
29,580

Annual MWh  
6,424

*Environmental Impact:*



Equivalent to **6,744 homes'**  
**electricity use** for one year

## Sustainability Goals

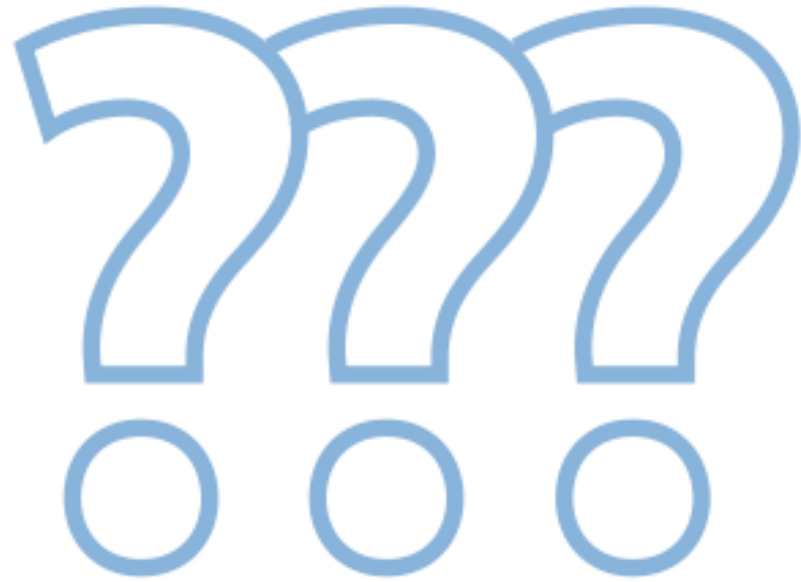
- Implement policies to reduce use of nonrenewable resources, such as energy in the heating, cooling operation and maintenance of city facilities.
- Promote public awareness & education on sustainability issues, public health, energy and water conservation and overall environmental stewardship.

## Energy Efficiency Projects

- City fleet includes E85, B20 Biodiesel, and electric hybrid vehicles.
- City-owned parking garages and ball fields have installed more energy efficient lighting .
- Police/Fire station built to LEED Silver Certification.
- Installed electric vehicle charging stations in public spaces.
- Updated city code to permit use of solar energy systems on commercial and residential buildings. |



# POWERING RENEWABLE COMMUNITIES





**THANKS FOR YOUR  
TIME**

