

# Senate Bill 898 (82R) Reporting Form

## Reports due: November 1.

Form# 50-816



**Purpose of this Document:** In 2011, the Texas Legislature passed Senate Bill 898 amending the Health and Safety Code §388.005 to require each political subdivision, institution of higher education, or state agency to establish a goal to reduce electrical consumption by at least five percent each fiscal year for ten years beginning September 1, 2011. Each entity must report to the State Energy Conservation Office (SECO) regarding the entity's efforts to meet the goal, and progress the entity has made.

City of Fort Worth, Texas  
Entity Name

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Entity Type:     Municipality     County     State Agency     Higher Education     Other: \_\_\_\_\_

900 Monroe Street, Suite 400                      Fort Worth                      76102-6319  
Address    City    Zip Code

Tarrant  
County

Juanita Rigsby    Energy Compliance Analyst  
Contact Name    Title

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Email Address    Phone Number

### Reporting Period

State fiscal year (Sep. 1 - Aug. 31) SFY2018 (Year 7)

### Energy Consumption Data

Enter annual electrical usage in kWh for the state fiscal year (Sep. 1 - Aug. 31) and gross baseline square footage of each building. Reporting total energy consumption is mandatory. A breakdown of energy consumption by building or infrastructure is optional.

Infrastructure or Facility Type	Annual Consumption in kWh (Sep. 1 - Aug. 31)	Gross Baseline Square Footage (as of Sep. 1)
Buildings	81,747,336	8,780,369
Traffic Lighting		
Street Lighting		
Water (pumps) Facilities	113,905,070	
Wastewater Facilities	42,891,781	
Other: <u>Transportation Lighting</u>	39,915,920	
Other: <u>Alliance Maintenance Facility</u>	31,841,605	840,000
Other: _____		
<b>Totals:</b>	<b>310,301,712</b>	<b>9,620,369</b>

## Reduction Goal

As mandated by Senate Bill 898 (82R), has your entity established a goal to reduce electrical consumption by at least five percent each year for ten years beginning September 1, 2011?

Yes  No

## Areas of Improvement

Check the appropriate boxes below indicating the areas in which your entity has made efforts and progress toward meeting energy goals.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Building Envelope                    | <input checked="" type="checkbox"/> Appliances/Equipment/Electronics | <input checked="" type="checkbox"/> Policy/Plan/Program                   |
| <input checked="" type="checkbox"/> Cogeneration/Combined Heat and Power | <input checked="" type="checkbox"/> HVAC                             | <input checked="" type="checkbox"/> Renewable Generation                  |
| <input checked="" type="checkbox"/> Sensors/Controls                     | <input type="checkbox"/> Insulation/ Radiant Barrier                 | <input checked="" type="checkbox"/> Water/Wastewater                      |
| <input checked="" type="checkbox"/> Cool Roof                            | <input checked="" type="checkbox"/> Lighting                         | <input checked="" type="checkbox"/> Water Conservation                    |
| <input checked="" type="checkbox"/> Education/Training                   | <input checked="" type="checkbox"/> Maintenance/Operation            | <input checked="" type="checkbox"/> Water Heating                         |
| <input checked="" type="checkbox"/> Measurement/Verification             | <input checked="" type="checkbox"/> Benchmarking                     | <input checked="" type="checkbox"/> Other: <u>Power Factor Correction</u> |

## Describe Progress

Provide a brief narrative regarding the progress and efforts indicated above to reduce electrical consumption and a brief description of planned or applied reduction activities. Your description will be included in SECO's annual report. Attach additional pages if needed.

The City of Fort Worth continues its commitment to reduce electrical consumption:

### **Progress & Efforts**

**BUILDINGS:** Property Management upgraded 5-facilities with indoor LED-lighting technology (flat-panels, exit signs, emergency fixtures), and 8-facilities with cool-roof coatings.

**TRANSPORTATION:** T&PW replaced burned-out streetlights with LED-technology (1,727-fixtures). Through SFY2018, of the 31,600-streetlights system-wide, 9,000-LED fixtures have been installed.

**WATER:** Water's comprehensive energy strategy to reduce consumption & improve efficiency includes transitioning its facilities to include LED-lighting-, premium-efficiency motor-, high-efficiency pump-, & power factor correction-equipment as well as use of coated pump-casings.

**ALLIANCE:** Maintenance Facility staff accomplished 10%-energy savings through system improvements & equipment upgrades.

### **Planned Activities**

**BUILDINGS:** Property Management continues to upgrade facilities with LED-lighting technology & cool-roof coatings, as well upgrading their HVAC- & plumbing-systems with high-efficiency equipment.

**TRANSPORTATION:** T&PW continues to replace burned-out streetlights with LED-technology while Park & Recreation continues also to consider LED-lighting for its facilities.

**WATER:** Water continues to transition its facilities to include LED-lighting-, motor efficiency-, pump-efficiency, & power factor-improvements, as well upgrading the control systems & O&M procedures.

**ALLIANCE:** Maintenance Facility staff continue to implement system improvements & equipment upgrades.

Check here if additional documentation is attached.

## Exemption Request

*In accordance with Senate Bill 898, a political subdivision, institution of higher education, or state agency that does not attain this goal must include justification that the entity has already implemented all available cost-effective measures. An entity that submits a report indicating that it has reviewed its available options, has determined that no additional measures are cost-effective, and that it has already implemented all available cost-effective measures is exempt from the annual reporting requirement if a subsequent report would indicate no change in status.*

**If requesting an exemption to the mandates of SB 898 please check the boxes and provide additional documentation to serve as justification for this exemption request.**

- The Entity listed above has reviewed its available options, has determined that no additional measures are cost-effective, and that it has already implemented all available cost-effective measures.
- The Entity has included a report to this effect.

**I have read Senate Bill 898 (82R) regarding exemptions, and hereby certify that the said entity has met the exemption.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Email completed reports to SECO at [SB898.Reporting@cpa.texas.gov](mailto:SB898.Reporting@cpa.texas.gov)

or by mail to: State Energy Conservation Office

Attn: SB898 Report

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