

House Bill 3693

House Bill 3693, Section 12 amends Section 388.005 Health and Safety Code, to require school districts establish a goal to reduce annual electric consumption by 5 percent each state fiscal year for six years. School districts and state agencies not meeting the goals are required to report that all available meters. School districts and state agencies are required to use State Energy Conservation Office (SECO) form. Link to SECO: <http://www.seco.cpa.state.tx.us/>

Action required beginning 2007 - 2008 School Year:

School districts and TEA are required to establish a goal to reduce electric consumption by five percent beginning September 1, 2007; school districts and TEA are required to begin purchasing commercial watts necessary for instructional facility lighting requirements and school districts are required to record consumption in an electronic repository and report this information on a publicly accessible internet ease of navigation (Requires the metered amount of electricity, water, or natural gas consumed for aggregate cost for those utility services - FASRAG 1.8.2.9) Link to FAR Guide: <http://www.tea.state.tx.us/>

Use "September Calc. Sheet" for September - August fiscal year. Use "July Calc. Sheet" for July - August fiscal year.

Be sure to use yearly totals in Column "C"

The "Calculations Sheet" will calculate the unit and aggregate monthly cost when electricity, gas and water. The (+/-) change from 2009 - 2010 column will display only when data from last month of fiscal year. Calculations will show increase/**decrease** in both usage (consumption) and cost as positive (increase)

Note: Release 2 correction - Unit cost were not calculating correctly. Version 2 corrects this calculation. **Updated 05/15/14**

For questions regarding this template, Please call or e-mail Gary, Randy or Woody at Region 12 ESC

Gary Barker, School Finance Agent ESC 12

254.297.1107

gbarker@esc12.net

Woody Brewton, School Finance Agent ESC 12

254.297.1101

wbrewton@esc12.net

Nick brown

254-297-1112

nbrown@esc12.net

districts and state agencies to
beginning September 1, 2007.
measures had been implemented.
forms to report progress on meeting goals.

percent each state fiscal year for six years
initially available light bulbs using the fewest
record electricity, water, and natural gas
website with an interface designed for
which it is responsible to pay and the
tx.us/school.finance/audit/resguide13/new/new.pdf

June fiscal year.

and water usage and cost are entered.
is entered.
e) or **negative** (decrease)

ation.

Utility Usage and Cost for Fiscal

| | 2013 - 14 | | | | 2014 - 2015 |
|---------------------|--------------------|------------------|----------------|-----------------|-----------------|
| | Fiscal Year | | | | |
| Electricity: | Total Usage | September | October | November | December |
| Kilo Hours | 291,437 | 26,000 | 19,440 | 23,920 | 24,080 |
| \$ | 24,496 | 2,288 | 1,979 | 2,280 | 1,968 |
| Unit cost \$ | 0.084052 | 0.088000 | 0.101812 | 0.095309 | 0.081731 |
| | | | | | |
| Natural Gas: | | | | | |
| MCF | 432 | 4 | 5 | 53 | 50 |
| Cost \$ | 3,741 | 57 | 92 | 436 | 416 |
| Unit cost \$ | 8.659722 | 14.250000 | 18.400000 | 8.226981 | 8.311413 |
| | | | | | |
| Water: | | | | | |
| Gallons | 310,800 | 37,800 | 35,700 | 41,500 | 56,400 |
| Cost \$ | 2,114 | 250 | 234 | 269 | 358 |
| Unit cost \$ | 0.006802 | 0.006614 | 0.006555 | 0.006482 | 0.006355 |
| | | | | | |
| Aggregate | | | | | |
| Cost: \$ | 30,351 | 2,595 | 2,305 | 2,985 | 2,742 |

MALTA ISD
Annual Year Ending 8/31/2015

| School Fiscal Year | | | | | | |
|---------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|
| January | February | March | April | May | June | July |
| 21,760 | 24,160 | 17,760 | 16,720 | 22,800 | 27,200 | 30,480 |
| 1,645 | 1,958 | 1,654 | 1,498 | 1,794 | 2,215 | 2,467 |
| 0.075576 | 0.081054 | 0.093108 | 0.089600 | 0.078694 | 0.081451 | 0.080932 |
| | | | | | | |
| 92 | 95 | 37 | 6 | 4 | 1 | 1 |
| 715 | 633 | 284 | 90 | 79 | 61 | 67 |
| 7.766630 | 6.671941 | 7.626273 | 15.596552 | 19.870000 | 60.580000 | 111.383333 |
| | | | | | | |
| 29,400 | 27,400 | 14,900 | 25,800 | 27,800 | 10,600 | 18,200 |
| 199 | 184 | 115 | 175 | 187 | 93 | 131 |
| 0.006765 | 0.006730 | 0.007685 | 0.006775 | 0.006719 | 0.008774 | 0.007198 |
| | | | | | | |
| 2,558 | 2,775 | 2,053 | 1,763 | 2,061 | 2,369 | 2,665 |

| August | Totals | (+/-) change from 2010-2011 | Electricity: Kilo Hours Cost |
|-----------|-----------|--------------------------------|------------------------------------|
| 33,360 | 287,680 | -1.29% | |
| 2,695 | 24,441 | -0.23% | |
| 0.080775 | 0.085670 | | Unit cost |
| | | | |
| | | | Natural Gas: MCF Cost |
| 2 | 349 | -19.11% | |
| 74 | 3,003 | -19.72% | |
| 38.815789 | 26.458243 | | Unit cost |
| | | | |
| | | | Water: Gallons Cost |
| 8,100 | 333,600 | 7.34% | |
| 81 | 2,275 | 7.63% | |
| 0.009938 | 0.007216 | | Unit cost |
| | | | |
| 2,849 | 29,720 | | Aggregate Cost: |

Utility Usage and Cost for Fiscal

| | 2013 - 14 | | | | 2014 - 15 Sc |
|---------------------|--------------------|-------------|---------------|------------------|----------------|
| | Fiscal Year | | | | |
| Electricity: | Total Usage | July | August | September | October |
| Kilo Hours | | | | | |
| Cost \$ | | | | | |
| Unit cost \$ | | | | | |
| Natural Gas: | | | | | |
| MCF | | | | | |
| Cost \$ | | | | | |
| Unit cost \$ | | | | | |
| Water: | | | | | |
| Gallons | | | | | |
| Cost \$ | | | | | |
| Unit cost \$ | | | | | |
| Aggregate | | | | | |
| Cost: \$ | 0 | 0 | 0 | 0 | 0 |

| June | Totals | (+/-) change from 2010-2011 | Electricity: |
|------|---------|--------------------------------|--------------------|
| | 0 | | Kilo Hours |
| | 0 | | Cost |
| | #DIV/0! | | Unit cost |
| | | | |
| | | | Natural Gas: |
| | 0 | | MCF |
| | 0 | | Cost |
| | #DIV/0! | | Unit cost |
| | | | |
| | | | Water: |
| | 0 | | Gallons |
| | 0 | | Cost |
| | #DIV/0! | | Unit cost |
| | | | |
| 0 | 0 | | Aggregate Cost: |