

**Louise ISD**  
**Utility Usage and Cost for Fiscal Year Ending 8/31/2018**

|                        | 2016-17                         | 2017- 2018 School Fiscal Year |               |               |               |               |               |               |               |               |               |               |               |                |             |         |  |                        |
|------------------------|---------------------------------|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-------------|---------|--|------------------------|
|                        | Fiscal Year                     | September                     | October       | November      | December      | January       | February      | March         | April         | May           | June          | July          | August        | Totals         |             |         |  |                        |
| <b>Electricity:</b>    | <b>Total Usage<br/>for Year</b> |                               |               |               |               |               |               |               |               |               |               |               |               |                |             |         |  |                        |
| Kilo Hours             | 2,788,641                       | 109,951                       | 103,391       | 98,152        | 113,131       | 100,831       | 84,646        | 81,186        | 73,524        | 134,314       | 102,016       | 129,617       | 140,653       | 1,271,412      | (1,517,229) | -54.41% |  | <b>Electricity:</b>    |
|                        | \$ 194,418                      | 13,917                        | 12,989        | 12,749        | 12,749        | 14,808        | 11,488        | 11,042        | 10,565        | 16,119        | 10,365        | 13,724        | 16,440        | 156,954        | (37,464)    | -19.27% |  | <b>Cost</b>            |
| Unit cost \$           | 0.069718                        | 0.126570                      | 0.125628      | 0.129887      | 0.112690      | 0.146856      | 0.135723      | 0.136004      | 0.143690      | 0.120011      | 0.101605      | 0.105881      | 0.116883      | 0.125119       |             |         |  | <b>Unit cost</b>       |
| <b>Natural Gas:</b>    |                                 |                               |               |               |               |               |               |               |               |               |               |               |               |                |             |         |  |                        |
| MCF                    | 1,874                           | 153                           | 178           | 149           | 434           | 692           | 455           | 266           | 219           | 129           | 71            | 69            | 115           | 2,930          | 1,056       | 56.35%  |  | <b>Natural Gas:</b>    |
| Cost \$                | 3,373                           | 261                           | 312           | 297           | 493           | 678           | 510           | 382           | 345           | 182           | 180           | 177           | 211           | 4,030          | 657         | 19.47%  |  | <b>Cost</b>            |
| Unit cost \$           | 1.799893                        | 1.704248                      | 1.754719      | 1.992617      | 1.136198      | 0.979740      | 1.121451      | 1.437481      | 1.575890      | 1.412403      | 2.533521      | 2.568696      | 1.838348      | 1.671276       |             |         |  | <b>Unit cost</b>       |
| <b>Water:</b>          |                                 |                               |               |               |               |               |               |               |               |               |               |               |               |                |             |         |  |                        |
| Gallons                | 872,854                         | 157,070                       | 136,830       | 166,370       | 111,630       | 72,540        | 105,500       | 83,120        | 89,480        | 170,160       | 331,800       | 79,670        | 373,819       | 1,877,989      | 1,005,135   | 115.15% |  | <b>Water:</b>          |
| Cost \$                | 6,073                           | 568                           | 709           | 877           | 697           | 489           | 807           | 691           | 733           | 1,207         | 1,344         | 462           | 1,530         | 10,114         | 4,041       | 66.53%  |  | <b>Cost</b>            |
| Unit cost \$           | 0.006958                        | 0.003613                      | 0.005181      | 0.005273      | 0.006241      | 0.006741      | 0.007652      | 0.008310      | 0.008187      | 0.007096      | 0.004052      | 0.005796      | 0.004093      | 0.006020       |             |         |  | <b>Unit cost</b>       |
| <b>Aggregate Cost:</b> | <b>\$ 203,864</b>               | <b>14,745</b>                 | <b>14,010</b> | <b>13,923</b> | <b>13,938</b> | <b>15,975</b> | <b>12,806</b> | <b>12,115</b> | <b>11,642</b> | <b>17,509</b> | <b>11,890</b> | <b>14,363</b> | <b>18,181</b> | <b>171,097</b> |             |         |  | <b>Aggregate Cost:</b> |

House Bill 3693, Section 12 amends Section 388.005 Health and Safety Code, to require school districts and state agencies to establish a goal to reduce annual electric consumption by 5 percent each state fiscal year for six years beginning September 1, 2007. School districts and state agencies not meeting the goals are required to report that all available measures had been implemented. School districts and state agencies are required to use State Energy Conservation Office (SECO) forms to report progress on meeting goals. 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 each state fiscal year for six years beginning September 1, 2007; school districts and TEA are required to begin purchasing commercially available light bulbs using the fewest watts necessary for instructional facility lighting requirements and school districts are required to record electricity, water, and natural gas consumption in an electronic repository and report this information on a publicly accessible internet website with an interface designed for ease of navigation (Requires the metered amount of electricity, water, or natural gas consumed for which it is responsible to pay and the aggregate cost for those utility services - FASRAG 1.8.2.9) Link to FAR Guide: : <http://www.tea.state.tx.us/school.finance/audit/resguide13/new/new.pdf>

Use "September Calc. Sheet" for September - August fiscal year. Use "July Calc. Sheet" for July - June 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 usage and cost are entered. The (+/-) change from 2009 - 2010 column will display only when data from last month of fiscal year is entered.

Calculations will show increase/**decrease** in both usage (consumption) and cost as positive (increase) or **negative** (decrease)

**Note: Release 2 correction** - Unit cost were not calculating correctly. Version 2 corrects this calculation. (Updated 05/23/12)

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

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