MEMORANDUM

Date: September 1, 2014

State of Texas
Legislative Budget Board
P.O. Box 12666
Austin, Texas 78711

Executive Order RP-49
Quarterly Energy Report for Tarleton State University

Mark Garner
Manager of Utility and Energy Services
P.O. Box T-0750
Stephenville, Texas 76402

Texas Legislative Budget Board:

Please find the attached Quarterly Energy Report for Tarleton State University in Stephenville, Texas for the period through August 31, 2014.

Best Regards,

Mark Garner
A. The extent to which the agency has met the percentage goal it established for reducing its usage of electricity, gasoline and natural gas:

The metric used by the Tarleton State University campus for electricity and natural gas tracking is MBTU’s / Day / NASF.

<table>
<thead>
<tr>
<th>Month</th>
<th>Metric FY 13</th>
<th>Metric FY 14</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>0.2865</td>
<td>0.2722</td>
<td>-4.991</td>
</tr>
<tr>
<td>July</td>
<td>0.2612</td>
<td>0.2618</td>
<td>+0.230</td>
</tr>
<tr>
<td>August</td>
<td>0.2778</td>
<td>0.2426</td>
<td>-12.671</td>
</tr>
</tbody>
</table>

This Quarterly metric is 0.2588 (MBTU / Day / NASF) for FY 2014 as compared to 0.2751 (MBTU / Day / NASF) for FY 2013 this is a reduction of -5.925.

The metric used by the Tarleton State University campus for fleet fuel tracking is miles per gallon (mpg).

<table>
<thead>
<tr>
<th>Month</th>
<th>Metric FY 13</th>
<th>Metric FY 14</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>10.571</td>
<td>11.428</td>
<td>+8.107</td>
</tr>
<tr>
<td>July</td>
<td>12.927</td>
<td>10.661</td>
<td>-17.529</td>
</tr>
<tr>
<td>August</td>
<td>11.973</td>
<td>10.459</td>
<td>-12.645</td>
</tr>
</tbody>
</table>

This Quarterly metric is 10.642 miles per gallon in FY 2014 as compared to 11.845 miles per gallon in FY 2013. This is a reduction of -10.156 in fuel efficiency.

B. The steps the agency may take to increase the percentage goal for reducing its usage of electricity, gasoline and natural gas:

Tarleton currently has projects to remove old pneumatic energy management systems out of four buildings and replace with direct digital controls. By replacing these failing systems we will greatly increase the efficiency in those buildings.

Tarleton has recently installed some LED lighting and are looking at projects involving lighting so LEDs can be used.
Currently Tarleton is having an air balance company performing a study of our Science building so we can see what deficiencies there are and what it will take to correct them

C. Any additional ideas the agency has for reducing energy expenditures relating to facilities:

Tarleton has several energy projects that they are looking at: LED interior and exterior lighting, solar energy will be looked at this spring.

The metering of older buildings is something that Tarleton wants to do so that excessive energy usage can be tracked to specific locations.

D. Any additional ideas the agency has to minimize fuel usage in all vehicles and equipment used by the agency.

Ensure the maintenance of all University vehicles is geared for maximum fuel efficiency.

Consolidate trips to off campus locations.

Replacement of more fuel efficient vehicles when vehicle replacement is required.