ANALYSIS OF DOMINION ENERGY PROPOSAL (01/22/19)

Key points:
1. Two new compressors with oxidation catalysts will replace Units 2 & 3. Old compressors will be decommissioned once new units are tested and operational.
2. The horsepower of the proposed units (6130hp/unit) is comparable to the existing units (5800hp/unit).
3. Dominion has not expanded its customer base.
4. Other equipment upgrades to support compressor upgrades are also proposed.
5. Noise reduction is proposed: silencers for the new compressors and the existing blowdown pipe; underground piping to Units 5 & 6.
6. Dominion estimates project can be completed by 4th quarter of 2021.
7. **NOTE**: An oxidation catalyst retrofit of Unit 4 is not in the Dominion proposal. The Town of Dryden Safety & Preparedness committee would like this to be included before permits are issued.

Comparison of emissions:

<table>
<thead>
<tr>
<th></th>
<th>Units 2 &amp; 3 (existing)</th>
<th>Units 5 &amp; 6 (proposed)</th>
<th>Reduction tons/yr</th>
<th>% Change/Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOx (tons)</td>
<td>185.2</td>
<td>17</td>
<td>-168.2</td>
<td>-90.8%</td>
</tr>
<tr>
<td>CO (tons)</td>
<td>26.5</td>
<td>3</td>
<td>-23.5</td>
<td>-88.7%</td>
</tr>
<tr>
<td>Runtimes</td>
<td>ave 1h/day</td>
<td>24h x 365d</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Hours/Yr</td>
<td>365</td>
<td>8760*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Dominion stated they do not anticipate continuous usage of the new compressors.

**Conclusion**: Even with proposed units 5 & 6 running continuously (an unlikely occurrence) the NOx and CO reductions are highly significant.
Potential Borger Replacement Project

Emissions Comparison

- Potential emissions from existing Units 2 & 3 are from the 2018 Title V Renewal Application and include the associated hours restrictions currently in the permit.
- Potential emissions from the new Units assume 9ppm NOx and an oxidation catalyst.