

2020 Denton Energy Center Emissions by Month

| 2020 | Runtime (hrs) | Hot Starts | Warm Starts | Cold Start | Stops | Nitrogen Oxides (NOx) | Carbon Monoxide (CO) | Volatile Organic Compounds (VOC) | Particulate Mater<10 microns (PM ₁₀) | Particulate Mater<2.5 microns (PM _{2.5}) | Sulphur Dioxide (SO ₂) | Ammonia (NH ₃) | Carbon Dioxide Equivalents (CO ₂ e)* | MWh |
|---|---------------|------------|-------------|------------|-------|---|----------------------|----------------------------------|--|--|------------------------------------|----------------------------|---|-------|
| GENSET 1-12 TOTALS | | | | | | 5132.0 | 800 | 349 | 886 | 2035 | | | | |
| January | 278.9 | 76 | 5 | 159 | 240 | 2388.2 | 2384.9 | 1375.1 | 673.0 | 673.0 | 15.4 | 82.8 | 1361 | 2671 |
| February | 876.8 | 211 | 61 | 192 | 464 | 3660.6 | 3629.4 | 2723.9 | 1589.4 | 1589.4 | 33.4 | 256.1 | 4696 | 9466 |
| March | 1489.1 | 177 | 66 | 162 | 405 | 3504.1 | 3452.6 | 2579.0 | 1981.4 | 1981.4 | 37.0 | 428.8 | 8980 | 18209 |
| April | 749.2 | 54 | 56 | 131 | 241 | 2494.8 | 2379.5 | 1517.6 | 1079.0 | 1079.0 | 20.5 | 219.3 | 4319 | 8765 |
| May | 758.6 | 82 | 68 | 134 | 284 | 2666.5 | 2532.2 | 1724.8 | 1144.1 | 1144.1 | 22.7 | 214.7 | 4167 | 8125 |
| June | 979.6 | 200 | 93 | 108 | 401 | 2784.8 | 2660.0 | 2382.6 | 1478.8 | 1478.8 | 32.0 | 221.0 | 4676 | |
| July | | | | | | | | | | | | | | |
| August | | | | | | | | | | | | | | |
| September | | | | | | | | | | | | | | |
| October | | | | | | | | | | | | | | |
| November | | | | | | | | | | | | | | |
| December | | | | | | | | | | | | | | |
| Total MWh | | | | | | | | | | | | | 47236 | |
| Operations Emissions | | | | | | | | | | | | | | |
| | | | | | | Engine Emissions (pounds) | 17499.1 | 17038.5 | 12303.1 | 7945.7 | 7945.7 | 161.1 | 1422.7 | |
| | | | | | | Engine Emissions (tons) | 8.7 | 8.5 | 6.2 | 4.0 | 4.0 | 0.1 | 0.7 | 28199 |
| Plant Equipment Emissions (Permit by Rule) | | | | | | | | | | | | | | |
| | | | | | | DEC Annual Emissions Emergency Diesel Generator* | 0.71 | 0.39 | 0.17 | 0.04 | 0.04 | 0.14 | 0.00 | 41 |
| | | | | | | DEC Annual Emissions Dew Point Heater* | 3.31 | 2.59 | 0.27 | 0.24 | 0.24 | 0.16 | 0.00 | 3077 |
| Total Plant Emissions | | | | | | | | | | | | | | |
| | | | | | | Tons | 12.77 | 11.50 | 6.59 | 4.25 | 4.25 | 0.38 | 0.71 | 31317 |
| DEC Standard Permit Annual Limits | | | | | | | | | | | | | | |
| | | | | | | DEC Total Plant Annual Emission Permit Limits (tons) | 33.80 | 96.50 | 48.60 | 70.00 | 70.00 | 1.75 | 60.90 | |
| | | | | | | Annual to Date Total Plant Emissions per DEC Permit Limit | 37.8% | 11.9% | 13.6% | 6.1% | 6.1% | 21.7% | 1.2% | |

*DEC operates dew point heater and diesel generator under TCEQ permit by rule.