Introduction

This document provides eGRID2020 data summary tables. The tables include subregion and state-level emission rates and resource mix as well as grid gross loss values. Please note that the tables presented here only show a subset of the eGRID2020 data. The entire dataset is in the eGRID2020 Excel file available on the eGRID website.

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<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Subregion Output Emission Rates</td>
</tr>
<tr>
<td>2</td>
<td>Subregion Resource Mix</td>
</tr>
<tr>
<td>3</td>
<td>State Output Emission Rates</td>
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<tr>
<td>4</td>
<td>State Resource Mix</td>
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Map of eGRID Subregions

Feedback

Customer Satisfaction Survey
Contact EPA
## 1. Subregion Output Emission Rates (eGRID2020)

<table>
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<tr>
<th>eGRID subregion acronym</th>
<th>eGRID subregion name</th>
<th>Total output emission rates lb/MWh</th>
<th>Non-baseload output emission rates lb/MWh</th>
<th>Grid Gross Loss (%)</th>
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<td>CO₂ CH₄ N₂O CO₂e Annual NOₓ Ozone Season NOₓ SO₂</td>
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<td>AKGD</td>
<td>ASCC Alaska Grid</td>
<td>1,097.6 0.100 0.014 1,104.2 6.0 5.9 0.8 1,315.1 0.126 0.017 1,323.4 6.8 7.0 0.7 5.5%</td>
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<td>AKMS</td>
<td>ASCC Miscellaneous</td>
<td>534.1 0.027 0.005 536.1 8.3 8.0 0.7 1,517.7 0.066 0.012 1,522.8 24.2 24.8 2.1 5.5%</td>
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<td>AZNM</td>
<td>WECC Southwest</td>
<td>846.6 0.054 0.007 850.2 0.5 0.5 0.2 1,368.6 0.090 0.013 1,374.6 0.8 0.8 0.2 5.3%</td>
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<td>CAMX</td>
<td>WECC California</td>
<td>513.5 0.032 0.004 515.5 0.5 0.5 0.0 1,006.5 0.053 0.007 1,009.9 0.9 0.9 0.1 5.3%</td>
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<td>ERCOT All</td>
<td>818.6 0.052 0.007 822.0 0.5 0.5 0.5 1,296.6 0.086 0.012 1,302.3 0.8 0.7 0.9 5.2%</td>
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<td>FRCC All</td>
<td>835.1 0.049 0.006 838.2 0.3 0.3 0.2 1,011.0 0.052 0.007 1,014.4 0.3 0.3 0.2 5.3%</td>
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<td>HICC Miscellaneous</td>
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<td>979.5 0.104 0.015 986.6 0.7 0.8 0.9 1,810.0 0.185 0.027 1,822.5 1.3 1.3 1.6 5.3%</td>
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<td>600.0 0.056 0.008 603.8 0.5 0.5 0.3 1,653.0 0.159 0.023 1,663.8 1.5 1.5 0.8 5.3%</td>
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<td>NYCW</td>
<td>NPCC NYC/Westchester</td>
<td>634.6 0.022 0.003 636.0 0.2 0.2 0.0 970.2 0.021 0.002 971.4 0.4 0.4 0.0 5.3%</td>
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<td>NYLI</td>
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<td>1,203.9 0.138 0.018 1,212.7 0.9 0.8 0.1 1,260.6 0.034 0.004 1,262.6 0.8 0.8 0.1 5.3%</td>
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<td>1,602.2 0.085 0.014 1,608.5 3.9 3.9 4.3 1,673.3 0.070 0.013 1,678.8 4.6 4.5 5.5 0.0%</td>
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<td>RFCF</td>
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<td>RFWC</td>
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<td>RMPA</td>
<td>WECC Rockies</td>
<td>1,144.8 0.101 0.014 1,151.6 0.6 0.6 0.3 1,651.9 0.131 0.019 1,660.8 0.9 0.9 0.4 5.3%</td>
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<td>SPNO</td>
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<td>SPPO</td>
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<td>SRMW</td>
<td>SERC Midwest</td>
<td>1,480.7 0.156 0.023 1,491.4 1.1 1.2 2.6 1,866.5 0.194 0.028 1,879.6 1.6 1.6 2.9 5.3%</td>
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<td>SRSO</td>
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<td>SERC Tennessee Valley</td>
<td>834.2 0.075 0.011 839.2 0.4 0.4 0.5 1,511.8 0.135 0.019 1,521.0 0.7 0.6 0.9 5.3%</td>
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<td>SRVC</td>
<td>SERC Virginia/Carolina</td>
<td>623.1 0.050 0.007 626.3 0.3 0.3 0.2 1,323.9 0.114 0.016 1,331.3 0.7 0.8 0.4 5.3%</td>
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<td></td>
</tr>
</tbody>
</table>

**U.S.**

|         |                  | 818.3 0.065 0.009 822.6 0.5 0.5 0.5 1,399.6 0.109 0.015 1,406.8 0.9 0.9 0.8 5.3% |

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## 2. Subregion Resource Mix (eGRID2020)

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<tr>
<th>eGRID subregion acronym</th>
<th>eGRID subregion name</th>
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<th>Net Generation (MWh)</th>
<th>Generation Resource Mix (percent)*</th>
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<td>AKGD</td>
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<td>AKMS</td>
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<td>AZNM</td>
<td>WECC Southwest</td>
<td>73,364</td>
<td>165,394,893</td>
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<td>CAMX</td>
<td>WECC California</td>
<td>124,782</td>
<td>196,129,978</td>
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<td>ERCOT All</td>
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<td>HIMS</td>
<td>HICC Miscellaneous</td>
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<td>NPCC New England</td>
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<td>286,004,986</td>
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<tr>
<td>NYCW</td>
<td>NPCC NYC/Westchester</td>
<td>18,810</td>
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<td>NYLI</td>
<td>NPCC Long Island</td>
<td>6,455</td>
<td>10,559,287</td>
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<td>NYUP</td>
<td>NPCC Upstate NY</td>
<td>32,908</td>
<td>84,654,342</td>
<td>0.2%</td>
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<td>PRMS</td>
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<td>70,017,393</td>
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<td>SRMV</td>
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<td>59,192</td>
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<td>SRMW</td>
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<td>92,475</td>
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<td>SRTV</td>
<td>SERC Tennessee Valley</td>
<td>73,577</td>
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<td>SRVC</td>
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<td>1,656,188</td>
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*percentages may not sum to 100 due to rounding

Created: 1/27/2022
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<th>State</th>
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<th>CH₄</th>
<th>N₂O</th>
<th>CO₂e</th>
<th>Annual NOₓ</th>
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<td>0.1</td>
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<td>4.7</td>
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<td>0.5</td>
<td>0.2</td>
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<td>0.7</td>
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4. State Resource Mix (eGRID2020)

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<tr>
<th>State</th>
<th>Nameplate Capacity (MW)</th>
<th>Net Generation (MWh)</th>
<th>Generation Resource Mix (percent)*</th>
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<tr>
<td>NY</td>
<td>55,721</td>
<td>129,411,955</td>
<td>Coal 42.9% Oil 0.0% Gas 31.8% Other Fossil 0.0% Nuclear 26.7% Hydro 2.4% Biomass 0.0% Wind 2.1% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
</tr>
<tr>
<td>LA</td>
<td>37,167</td>
<td>100,554,705</td>
<td>Coal 49.0% Oil 0.0% Gas 36.4% Other Fossil 0.0% Nuclear 27.4% Hydro 4.9% Biomass 0.0% Wind 1.7% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>OR</td>
<td>20,755</td>
<td>63,624,782</td>
<td>Coal 38.1% Oil 0.0% Gas 5.7% Other Fossil 0.0% Nuclear 38.1% Hydro 0.8% Biomass 3.3% Wind 0.5% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
</tr>
<tr>
<td>NV</td>
<td>17,004</td>
<td>34,005,839</td>
<td>Coal 35.1% Oil 0.0% Gas 67.6% Other Fossil 0.0% Nuclear 0.0% Hydro 5.0% Biomass 6.4% Wind 0.1% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>NJ</td>
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<td>61,106,458</td>
<td>Coal 50.0% Oil 0.0% Gas 43.7% Other Fossil 0.0% Nuclear 43.7% Hydro 0.3% Biomass 0.0% Wind 2.1% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>NH</td>
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<td>Coal 41.9% Oil 0.0% Gas 47.8% Other Fossil 0.0% Nuclear 41.9% Hydro 4.7% Biomass 1.8% Wind 1.5% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
</tr>
<tr>
<td>NE</td>
<td>19,622</td>
<td>18,195,165</td>
<td>Coal 78.9% Oil 0.0% Gas 11.8% Other Fossil 0.0% Nuclear 0.0% Hydro 11.8% Biomass 0.8% Wind 0.9% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>MA</td>
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<td>Coal 53.8% Oil 0.0% Gas 23.5% Other Fossil 0.0% Nuclear 0.0% Hydro 53.8% Biomass 2.9% Wind 15.7% Solar 0.5% Geo-thermal 0.3% Other unknown/purchased fuel 0.0%</td>
</tr>
<tr>
<td>DE</td>
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<td>5,205,372</td>
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<tr>
<td>GA</td>
<td>53,810</td>
<td>119,593,376</td>
<td>Coal 49.0% Oil 0.0% Gas 36.4% Other Fossil 0.0% Nuclear 27.4% Hydro 4.9% Biomass 0.0% Wind 1.7% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>LA</td>
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<td>Coal 70.4% Oil 0.0% Gas 12.8% Other Fossil 0.0% Nuclear 12.8% Hydro 1.7% Biomass 0.3% Wind 57.3% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>CA</td>
<td>118,351</td>
<td>192,954,153</td>
<td>Coal 47.7% Oil 0.0% Gas 31.5% Other Fossil 0.0% Nuclear 27.6% Hydro 2.4% Biomass 0.0% Wind 2.3% Solar 0.3% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>TX</td>
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<tr>
<td>CA</td>
<td>53,810</td>
<td>119,593,376</td>
<td>Coal 49.0% Oil 0.0% Gas 36.4% Other Fossil 0.0% Nuclear 27.4% Hydro 4.9% Biomass 0.0% Wind 1.7% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>NV</td>
<td>17,004</td>
<td>34,005,839</td>
<td>Coal 35.1% Oil 0.0% Gas 67.6% Other Fossil 0.0% Nuclear 0.0% Hydro 5.0% Biomass 6.4% Wind 0.1% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>NE</td>
<td>19,622</td>
<td>18,195,165</td>
<td>Coal 78.9% Oil 0.0% Gas 11.8% Other Fossil 0.0% Nuclear 0.0% Hydro 11.8% Biomass 0.8% Wind 0.9% Solar 0.0% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>MD</td>
<td>18,195</td>
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<td>Coal 53.8% Oil 0.0% Gas 23.5% Other Fossil 0.0% Nuclear 0.0% Hydro 53.8% Biomass 2.9% Wind 15.7% Solar 0.5% Geo-thermal 0.3% Other unknown/purchased fuel 0.0%</td>
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<tr>
<td>CA</td>
<td>118,351</td>
<td>192,954,153</td>
<td>Coal 47.7% Oil 0.0% Gas 31.5% Other Fossil 0.0% Nuclear 27.6% Hydro 2.4% Biomass 0.0% Wind 2.3% Solar 0.3% Geo-thermal 0.0% Other unknown/purchased fuel 0.0%</td>
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*percentages may not sum to 100 due to rounding