This report is produced daily to provide a detailed accounting of the wind and solar renewable generation that was curtailed and the reasons why¹. This report should be read in the context of the Renewables Watch report for a more complete understanding of both renewable curtailment and generation².

Wind and solar curtailments are grouped into the following categories:

1. Economic - Local: Market dispatch of generators with economic bids to mitigate local congestion³.
2. Economic - System: Market dispatch of generators with economic bids to mitigate system-wide oversupply⁴.
5. ExDispatch - Local: Exceptional dispatch to mitigate local congestion.

Note: Amounts smaller than 1 MW are filtered out for simplicity. Such small curtailments are occasionally observed when forecasts are lower than Pmin when market will de-commit the unit and send the 0 MW dispatch.

¹Only wind and solar resources can be reported in this manner because these resources have a forecast. Curtailment is defined as the difference between actual production and the forecast when actual production is less than the forecast.

²The Renewables Watch report provides daily actual renewable production within the ISO grid. It is available at: [http://www.caiso.com/green/renewableswatch.html](http://www.caiso.com/green/renewableswatch.html).

³Congestion occurs when available, least-cost energy cannot be delivered to some loads because transmission facilities do not have sufficient capacity to deliver the energy.

⁴For more information on oversupply conditions, please see: [https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables_FastFacts.pdf](https://www.caiso.com/Documents/FlexibleResourcesHelpRenewables_FastFacts.pdf)
The following charts show the daily and 7-day wind and solar curtailment by category, if any.
The following charts show monthly year to date wind and solar curtailment by category, if any.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>YTD CURTAILED MWH - 3/9/2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>LocalEconomic</td>
<td>186,395</td>
</tr>
<tr>
<td>LocalSelfSchCut</td>
<td>521</td>
</tr>
<tr>
<td>SystemEconomic</td>
<td>82,183</td>
</tr>
<tr>
<td>TOTAL</td>
<td>269,099</td>
</tr>
</tbody>
</table>
Data used to produce hourly chart
<table>
<thead>
<tr>
<th>DATE</th>
<th>HOUR</th>
<th>CURT TYPE</th>
<th>REASON</th>
<th>FUEL TYPE</th>
<th>CURTAILED MWH</th>
<th>CURTAILED MW</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/09</td>
<td>7</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>03/09</td>
<td>7</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>8</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>257</td>
<td>830</td>
</tr>
<tr>
<td>03/09</td>
<td>8</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>39</td>
<td>179</td>
</tr>
<tr>
<td>03/09</td>
<td>8</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>9</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>515</td>
<td>1090</td>
</tr>
<tr>
<td>03/09</td>
<td>9</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>43</td>
<td>111</td>
</tr>
<tr>
<td>03/09</td>
<td>9</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>10</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>553</td>
<td>706</td>
</tr>
<tr>
<td>03/09</td>
<td>10</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>49</td>
<td>47</td>
</tr>
<tr>
<td>03/09</td>
<td>11</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>704</td>
<td>776</td>
</tr>
<tr>
<td>03/09</td>
<td>11</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>43</td>
<td>53</td>
</tr>
<tr>
<td>03/09</td>
<td>11</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>11</td>
<td>SelfSchCut</td>
<td>Local</td>
<td>SOLR</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>03/09</td>
<td>12</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>475</td>
<td>626</td>
</tr>
<tr>
<td>03/09</td>
<td>12</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>45</td>
<td>39</td>
</tr>
<tr>
<td>03/09</td>
<td>13</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>192</td>
<td>583</td>
</tr>
<tr>
<td>03/09</td>
<td>13</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>52</td>
<td>55</td>
</tr>
<tr>
<td>03/09</td>
<td>13</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>14</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>526</td>
<td>629</td>
</tr>
<tr>
<td>03/09</td>
<td>14</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>53</td>
<td>55</td>
</tr>
<tr>
<td>03/09</td>
<td>14</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>14</td>
<td>Economic</td>
<td>System</td>
<td>WIND</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>15</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>517</td>
<td>644</td>
</tr>
<tr>
<td>03/09</td>
<td>15</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>242</td>
<td>250</td>
</tr>
<tr>
<td>03/09</td>
<td>15</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>15</td>
<td>35</td>
</tr>
<tr>
<td>03/09</td>
<td>15</td>
<td>Economic</td>
<td>System</td>
<td>WIND</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>03/09</td>
<td>16</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>658</td>
<td>807</td>
</tr>
<tr>
<td>03/09</td>
<td>16</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>229</td>
<td>287</td>
</tr>
<tr>
<td>03/09</td>
<td>16</td>
<td>Economic</td>
<td>System</td>
<td>SOLR</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>03/09</td>
<td>17</td>
<td>Economic</td>
<td>Local</td>
<td>SOLR</td>
<td>141</td>
<td>406</td>
</tr>
<tr>
<td>03/09</td>
<td>17</td>
<td>Economic</td>
<td>Local</td>
<td>WIND</td>
<td>50</td>
<td>237</td>
</tr>
</tbody>
</table>