ADMINISTRATIVE RECORD

Maui Electric Company, Ltd.
Hawaii Electric Light Company, Inc.

Amendment of Covered Source Permit No. 0232-01-C
Amendment of Covered Source Permit No. 0234-01-C
Amendment of Covered Source Permit No. 0235-01-C

Kahului Generating Station
Kanoelehua-Hill Generating Station
Puna Generating Station

Located At: 200 Hobron Avenue, Kahului, Maui
Located At: 54 Halekauila Street, Hilo, Hawaii
Located At: Keaau, Hawaii

CSP No. 0232-01-C
CSP No. 0234-01-C
CSP No. 0235-01-C

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Public Notice
REQUEST FOR PUBLIC COMMENTS
ON DRAFT AIR PERMITS
REGULATING THE EMISSIONS OF AIR POLLUTANTS
(Docket No. 22-CA-PA-09)

Pursuant to Hawaii Revised Statutes (HRS), Chapter 342B-13, and Hawaii Administrative Rules (HAR), Chapter 11-60.1, the Department of Health, State of Hawaii (DOH), is requesting public comments on the following DRAFT PERMITS presently under review for:

(1) Amendment of Covered Source Permit (CSP) No. 0232-01-C
   Maui Electric Company, Ltd.
   Kahului Generating Station
   Located At: 200 Hobron Avenue, Kahului, Maui

(2) Amendment of Covered Source Permit (CSP) No. 0234-01-C
   Hawaii Electric Light Company, Inc.
   Kanoelhua-Hill Generating Station
   Located At: 54 Halekauila Street, Hilo, Hawaii

(3) Amendment of Covered Source Permit (CSP) No. 0235-01-C
   Hawaii Electric Light Company, Inc.
   Puna Generating Station
   Located At: Puna Mill Road, Keaau, Hawaii

The DRAFT PERMITS are described as follows:

The permit amendments incorporate federally enforceable regional haze control measures in accordance with HAR §11-60.1-10(a)(2) and (a)(3), Clean Air Act §169A(g)(1), and the Environmental Protection Agency’s Regional Haze Rule. The control measures reduce maximum potential to emit (PTE) of pollutants that impair visibility; namely sulfur dioxide (SO$_2$), nitrogen oxides (NO$_x$), and particulate matter (PM). Maximum PTE is also reduced for carbon monoxide (CO), volatile organic compounds (VOCs), and greenhouse gas/carbon dioxide equivalent (CO$_2$e) emissions as a co-benefit.

(1) The significant modification of CSP No. 0232-01-C incorporates an enforceable commitment to retire all boilers (K-1, K-2, K-3, and K-4) at the Kahului Generating Station by December 31, 2027. The following is the maximum PTE for this facility before and after the boilers are retired:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Maximum PTE Before Boilers are Shut Down (TPY)</th>
<th>Maximum PTE After Boilers are Shut Down (TPY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>157</td>
<td>0</td>
</tr>
<tr>
<td>NO$_x$</td>
<td>1,472</td>
<td>0</td>
</tr>
<tr>
<td>SO$_2$</td>
<td>5,219</td>
<td>0</td>
</tr>
<tr>
<td>VOC</td>
<td>11</td>
<td>0</td>
</tr>
<tr>
<td>PM</td>
<td>1,527</td>
<td>0</td>
</tr>
<tr>
<td>CO$_2$e</td>
<td>386,882</td>
<td>0</td>
</tr>
</tbody>
</table>
(2) The significant modification of CSP No. 0234-01-C incorporates an enforceable commitment to retire Boilers Hill 5 and Hill 6 at the Kanoelehua-Hill Generating Station by December 31, 2027. The following is the maximum PTE for this facility before and after the boilers are retired:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Maximum PTE Before Hill 5 and Hill 6 Shut Down (TPY)</th>
<th>Maximum PTE After Hill 5 and Hill 6 Shut Down (TPY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>433</td>
<td>304</td>
</tr>
<tr>
<td>NO\textsubscript{X}</td>
<td>3,556</td>
<td>2,434</td>
</tr>
<tr>
<td>SO\textsubscript{2}</td>
<td>3,872</td>
<td>322</td>
</tr>
<tr>
<td>VOC</td>
<td>139</td>
<td>119</td>
</tr>
<tr>
<td>PM</td>
<td>800</td>
<td>108</td>
</tr>
<tr>
<td>CO\textsubscript{2}e</td>
<td>528,542</td>
<td>204,020</td>
</tr>
</tbody>
</table>

(3) The significant modification of CSP No. 0235-01-C incorporates an enforceable commitment to implement a fuel switch for the Puna Boiler to only ultra-low sulfur diesel (ULSD) with 0.0015% maximum sulfur content by four years from permit issuance for reducing sulfur dioxide (SO\textsubscript{2}), nitrogen oxide (NO\textsubscript{X}), and particulate matter less than ten microns (PM\textsubscript{10}). The permit amendment also carries over existing regional haze permit provisions to cap sulfur dioxide (SO\textsubscript{2}) emissions. The cap limits the sum of total SO\textsubscript{2} emissions from the Puna Generating Station Boiler and Boilers Hill 5 and Hill 6 at the Kanoelehua-Hill Generating Station to 3,550 tons per year. The following is the maximum PTE for the Puna Generating Station before and after the fuel switch:

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Maximum PTE Before Fuel Switch (TPY)</th>
<th>Maximum PTE After Fuel Switch (TPY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>2,156</td>
<td>2,156</td>
</tr>
<tr>
<td>NO\textsubscript{X}</td>
<td>1,025</td>
<td>375</td>
</tr>
<tr>
<td>SO\textsubscript{2}</td>
<td>2,882</td>
<td>484</td>
</tr>
<tr>
<td>VOC</td>
<td>1,314</td>
<td>1,314</td>
</tr>
<tr>
<td>PM</td>
<td>399</td>
<td>102</td>
</tr>
<tr>
<td>CO\textsubscript{2}e</td>
<td>378,397</td>
<td>376,997</td>
</tr>
</tbody>
</table>

The ADMINISTRATIVE RECORDS, consisting of the technical support documents and the DRAFT PERMITS, are available for public inspection during regular office hours, Monday through Friday, 7:45 a.m. to 4:15 p.m., at the following locations:

**Oahu:**
State of Hawaii
Clean Air Branch
2827 Waimano Home Road #130
Pearl City, HI 96782

**Hawaii:**
Hawaii District Health Office, Department of Health
1582 Kamehameha Ave., Hilo, Hawaii, 96720
Clean Air Branch – Kona, Keakealani Building, Department of Health
79-1020 Haukapila Street, Room 113, Kealakekua, Hawaii 96750
Kauai:

Kauai District Health Office, Department of Health
3040 Umi St., Lihue, Kauai 96766

Maui:

Maui District Health Office, Department of Health
54 High St., Room 300, Wailuku, Maui 96793

Copies may be requested for a fee of five (5) cents/page plus postage. Please send written requests to the Clean Air Branch listed above or call Mr. Dale Hamamoto (CSP No. 0232-01-C) or Mr. Kai Erickson (CSP Nos. 0234-01-C and 0235-01-C) at (808) 586-4200 to request a copy. All written comments on the draft permits must be addressed to the Clean Air Branch at the above address on Oahu and must be postmarked or received by July 30, 2022. Any person may request a public hearing by submitting a written request to the above address on Oahu that explains the person’s interest and reasons why a hearing is warranted. If requested, a virtual public hearing will be held at 9:00 a.m. on August 2, 2022. Information on the public hearing will be posted on the Department of Health’s website at: https://health.hawaii.gov/cab/public-notices/ at least thirty (30) days in advance of the scheduled hearing date. If no request for a public hearing is received, we will post a cancellation notice on the Department of Health’s website on August 1, 2022. Please contact Mr. Hamamoto or Mr. Erickson to find out if the hearing has been cancelled.

Comments on the draft permit amendments should address, but need not be limited to, the permit conditions and the facility’s compliance with federal and state air pollution laws, including: (1) the National and State Ambient Air Quality Standards; and (2) HRS, Chapter 342B and HAR, Chapter 11-60.1.

DOH will make a final decision on the permits after considering all comments and will send notice of the final decision to each person who has submitted comments or requested such notice.

Elizabeth A. Char, M.D.
Director of Health
Draft Permit
SEE APPENDIX P
OF THE DRAFT RH-SIP
https://health.hawaii.gov/cab/files/2022/06/Appendix-P-Draft.pdf

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