Sacramento Municipal Utility District (SMUD) Application for Green-e Energy Certification of the "Greenergy Partner" Renewable Electricity Option

Application Background and Comment Deadline

SMUD has applied for Green-e Energy certification of its "Greenergy Partner" voluntary renewable electricity program offered to its commercial customers in California. As part of the application process, Green-e Energy is seeking stakeholder feedback on the application and the Greenergy Partner program. Note that SMUD currently offers the "Greenergy Partner Plus" program, which is Green-e Energy certified. The application currently open for stakeholder feedback is for a new offering under the Greenergy brand, and the main difference is that the electricity generators providing renewables for the program come from a wider range of Western states, and that the price is lower at $5 per MWh.

This stakeholder comment process is your opportunity to weigh in on program design to make sure that the program meets your needs and expectations. Comments will be provided to the applicant and the Green-e Governance Board. This stakeholder comment period will close at 5pm Pacific Time on Monday, December 1, 2014, at which point the Green-e Governance Board will review the application, comments and responses, and consider whether to approve the application for certification of Greenergy Partner.

If you choose to submit comments, suggestions or other feedback regarding this application, please provide them by email to info@green-e.org no later than Monday, December 1. The application is provided below, made up of Appendix A that describes the product offering and marketing channels, a sample Product Content Label that would provide SMUD customers with information on the renewable resources used in the Greenergy Partner, a description of the price, terms and conditions that are in addition to what SMUD’s eligible commercial customers are subject to.

For reference, Green-e Energy’s primary governing documents are explained below and links are provided.

- The Green-e Energy National Standard describes the rules for generation facility eligibility, resource types allowed to be used in Green-e Energy certified products, avoidance of double counting, specific rules around electric utilities’ green pricing options like NIPSCO’s Green Power Rider, and the like. It is available at http://greene.org/getcert_re_stan.shtml#standard
- The Code of Conduct and Customer Disclosure Requirements speaks to how programs like the Green Power Rider would be marketed, the disclosures necessary for customers and potential customers, language use guidelines and more. It is available at http://greene.org/getcert_re_stan.shtml#coccdr
Date: 11/5/14

Product Name: Greenergy Partner

Marketer/Utility Name: SMUD

NERC Region where customers are served (for Competitive Electricity and Green Pricing): WECC

PLEASE NOTE: This form may be used for Renewable Energy Certificate (REC) Certification, Competitive Electricity Certification, and Green Pricing Certification. Please indicate which type(s) of certification you are applying for:

**REC Marketer Certification**
- Single Mix (check all that apply)
  - Residential
  - Commercial
  - Wholesale
- Multiple Mix (check all that apply)
  - Commercial
  - Wholesale

**REC Broker Certification**
- Multiple Mix only (check all that apply)
  - Commercial
  - Wholesale

**Competitive Electricity Certification**
- Single Mix (check all that apply)
  - Residential
  - Commercial
  - Wholesale
- Multiple Mix (check all that apply)
  - Commercial
  - Wholesale

**Green Pricing Certification**
- Single Mix only (check all that apply)
  - Residential
  - Commercial

Directions: If you are applying for Multiple Mix Competitive Electricity and Multiple Mix REC Products, please refer to Section 1. If you are applying for Single Mix Competitive Electricity and Single Mix REC Products, please complete Section 2. If you are applying for Green Pricing Certification, please complete Section 3.
All Applicants

Primary Contact Information

<table>
<thead>
<tr>
<th>Marketer/Broker/Utility Name: SMUD</th>
<th>Subsidiary of:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Contact Person: Wade Hughes</td>
<td>Address: 6301 S Street</td>
</tr>
<tr>
<td>Phone: 916 732-5858</td>
<td>Sacramento, CA</td>
</tr>
<tr>
<td>Fax:</td>
<td>95817</td>
</tr>
<tr>
<td>E-mail: <a href="mailto:wade.hughes@smud.org">wade.hughes@smud.org</a></td>
<td>Website address: smud.org</td>
</tr>
</tbody>
</table>

Additional Contact Information (if different from above contact information)

<table>
<thead>
<tr>
<th>PMAC/UGPAC Contact¹:</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-mail:</td>
</tr>
<tr>
<td>Verification Contact:</td>
</tr>
<tr>
<td>E-mail:</td>
</tr>
<tr>
<td>Communications/Marketing Contact:</td>
</tr>
<tr>
<td>E-mail:</td>
</tr>
<tr>
<td>Contact for Green-e Marketplace Information²:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
</tbody>
</table>

Section 1: Multiple Mix REC (Marketers and Brokers) and Multiple Mix Electricity Products

Applicants applying for Multiple Mix REC and Multiple Mix Electricity Products do not need to submit a Product Content Label at this time. However, it is necessary to disclose to customers the resources in your product with percentages and geographic disclosure as referenced in Appendix B: Green-e Energy Code of Conduct and Customer Disclosure Requirements.

Please attach a brief description of the marketing plan for Product: ___

Section 2: Single Mix REC and Single Mix Competitive Electricity Products

Please include a completed copy of the Product Content Label and Price, Terms and Conditions³ you will be providing to prospective customers for CRS review and approval.

Sample Product Content Labels for Competitive Electricity Products are included in Table 1 and Table 2 of Appendix B: Green-e Energy Code of Conduct and Customer Disclosure Requirements (Appendix B).

¹ Power Marketers Advisory Committee/Utility Green Pricing Advisory Committee. To learn more about PMAC and UGPAC, see http://www.green-e.org/about_who_gov_ac.shtml
² This will often be the individual who acts as the main client relations contact for large commercial purchasers. To learn more about Green-e Marketplace, see http://www.green-e.org/marketplace or contact a Green-e staff member.
³ Price, Terms and Conditions documents will only need to be provided for residential products.
A sample Product Content Label for REC Products is included in Table 3 of Appendix B. Do not write on these product content templates. Copy them to your computer and add the information reflecting your product and company. Contact Green-e Energy staff if you would like assistance preparing these documents.

Additional information on Price, Terms and Conditions is found in Section VII.E of Appendix B. For your reference, included in this section of Appendix B is Table 4: Sample Price, Terms and Conditions.

Please attach a brief description of the marketing plan for Product: ___

Section 3: Green Pricing Certification

Companies offering Green Pricing product must submit the materials required below, which will be shared with stakeholders in the state(s) served by the utility for a 21-day comment period followed by a 10-day review and comment period by the Green-e Governance Board. Stakeholders will be notified by email of a 21-day comment period. Stakeholders include utilities, regulators, renewable energy advocates, and consumer and environmental protection interests who support the creation of green pricing programs by utilities in the relevant state(s). Any interested stakeholder is welcome to comment, and Green-e Energy will encourage stakeholders to circulate the information to any other interested parties for comment. These submitted application materials will also be posted on the Certification section of the Green-e website (http://www.green-e.org/getcert_re_cert.shtml). During and after the stakeholder comment period, you will be given the opportunity to respond to any stakeholder comments.

Certification will be subject to the approval of the Green-e Governance Board. After the 21-day stakeholder comment period, Green-e Energy staff will forward your application materials, any stakeholder comments and your responses to those comments (if any) to the Green-e Governance Board. The Green-e Governance Board will have ten days to reply. If no Board comments are received during that time, the item is deemed approved. If issues are raised by the Board during that time, this may trigger a meeting of the Green Pricing Subcommittee to resolve them, after which Green-e Energy will re-submit the issue by email to the Board as a consent item.

Program Information

1. Please attach a brief (1-2 page maximum) program summary indicating how the Green Pricing Program meets the Green-e Energy criteria.

2. Customer enrollment toll free number: 800 752-7683

3. Please indicate the price of the product per kWh: $0.005

4. The product will be sold in:
   ☒ blocks of 1,000 kWh per month
   ☐ percent of the customer’s monthly energy use
   ☐ other (please describe below)

5. Please attach a sample of the Price, Terms and Conditions you will provide to customers regarding the proposed Green-e Energy certified product.¹

6. This tariff has received regulatory approval (if applicable): ☐ yes ☐ no ☒ not applicable

Marketing Plan

¹ For more information on the requirements of the Price, Terms and Conditions, please see Appendix B: Green-e Energy Code of Conduct and Customer Disclosure Requirements.
7. Number of meters that utility serves that will have access to this product: __

8. Please list the states where product will be marketed as “Green-e Energy Certified”: __

9. Please attach a brief description of the marketing plan for Product: We will market this product through our customer account management group __

10. Will product utilize the hub and spoke certification model, as outlined in Section V.E. of the Green-e Energy National Standard? □ Yes ☑ No

If you selected “yes” above, please attach a list of the participating spoke utilities along with appropriate contact information for each spoke. Please notify Green-e Energy staff of any change(s) to this list of spokes within 30 days of the change(s) being made.

Product Content

11. Please attach a description of the facility(ies) that you expect will be used to supply Product [product name] including, at a minimum, the facility location(s), date(s) the facility came on-line, type(s) of facility, and fuel source used (if applicable): __

12. Please attach a Product Content Label in the format you intend to use for distribution to your customers. Sample Product Content Labels for Green Pricing Products are included in Table 1 and Table 2 of Appendix B: Green-e Energy Code of Conduct and Customer Disclosure Requirements.
SMUD is a municipally-owned electric utility serving Sacramento County in California. SMUD is proposing to offer ~66K eligible commercial customers the option to participate in a new Greenergy Partner product, which will be sourced differently than the existing Greenergy Partner Plus program that is already Green-e Energy certified.

The new Greenergy Partner product will be supplied with Green-e Energy eligible renewable generation from the WECC. The WECC region includes Washington, Oregon, California, Idaho, Nevada, Utah, Arizona, Colorado, Wyoming, portions of Montana, South Dakota, New Mexico and Texas in the United States, the Provinces of British Columbia and Alberta in Canada, and a portion of Baja California in Mexico.

A sample prospective product content label for the Greenergy Partner product is included below.

**Price, Terms, and Pricing**

The new Greenergy Partner product will follow the same terms and pricing guidelines as our current Greenergy Partner plus product. Therefore we will make the product eligible to any SMUD customer on a commercial rate schedule that is not an intersection, street light, night light rate.

Participation in the Greenergy Partner program is a month-to-month obligation (unless otherwise specified). This means that we do not require participation for any minimum length of time, and there is no charge to stop participating.

This product will be sold for a premium of $0.005/KWh over the commercial rate. Charges will appear on the bill in three ways (100% of load, 50% of load, and blocks of 1,000 KWh): 1) 100% customers would see their usage multiplied by $0.005; the 50% customer would see half of their usage multiplied by $0.005; and the block customer will see the predetermined number of blocks sold for $5/block. Customers will see their charges on their electric bill as a separate line item.
Compare the Greenergy Partner resource mix to the standard California power mix.

### POWER CONTENT LABEL

<table>
<thead>
<tr>
<th>ENERGY RESOURCES</th>
<th>2014 SMUD Power Mix† (projected)*</th>
<th>2013 SMUD Power Mix (actual)**</th>
<th>2013 CA Power Mix*** (for comparison)</th>
<th>2014 SMUD Power Mix† (projected)*</th>
<th>2013 SMUD Power Mix (actual)**</th>
<th>2013 CA Power Mix*** (for comparison)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomass &amp; waste</td>
<td>&gt; 33%</td>
<td>&gt; 25%</td>
<td>&lt; 19%</td>
<td>&gt; 33%</td>
<td>&gt; 25%</td>
<td>&lt; 19%</td>
</tr>
<tr>
<td>Geothermal</td>
<td>&gt; 18%</td>
<td>&gt; 12%</td>
<td>&gt; 3%</td>
<td>&gt; 22%</td>
<td>&gt; 16%</td>
<td>&gt; 4%</td>
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<tr>
<td>Solar</td>
<td>&gt; 3%</td>
<td>&gt; 3%</td>
<td>&gt; 1%</td>
<td>&gt; 22%</td>
<td>&gt; 11%</td>
<td>&gt; 0%</td>
</tr>
<tr>
<td>Wind</td>
<td>&gt; 2%</td>
<td>&gt; 2%</td>
<td>&gt; 1%</td>
<td>&gt; 22%</td>
<td>&gt; 11%</td>
<td>&gt; 0%</td>
</tr>
<tr>
<td>Coal</td>
<td>&gt; 8%</td>
<td>&gt; 7%</td>
<td>&gt; 9%</td>
<td>&gt; 32%</td>
<td>&gt; 16%</td>
<td>&gt; 0%</td>
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<tr>
<td>Large Hydroelectric</td>
<td>&gt; 18%</td>
<td>&gt; 14%</td>
<td>&gt; 8%</td>
<td>&gt; 12%</td>
<td>&gt; 6%</td>
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<tr>
<td>Natural Gas</td>
<td>&gt; 18%</td>
<td>&gt; 14%</td>
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<td>&gt; 6%</td>
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<td>&gt; 0%</td>
<td>&gt; 9%</td>
<td>&gt; 0%</td>
<td>&gt; 0%</td>
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<tr>
<td>Other</td>
<td>&gt; 12%</td>
<td>&gt; 13%</td>
<td>&gt; 0%</td>
<td>&gt; 0%</td>
<td>&gt; 0%</td>
<td>&gt; 0%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>&gt; 100%</td>
<td>&gt; 100%</td>
<td>&gt; 100%</td>
<td>&gt; 100%</td>
<td>&gt; 100%</td>
<td>&gt; 100%</td>
</tr>
</tbody>
</table>

† 92% of SMUD’s 2014 POWER MIX is from SMUD-owned resources or specifically purchased from individual suppliers.
* 2014 SMUD Power Mix projected January 1, 2014 and is subject to change and revision.
** 81% of SMUD’s 2013 POWER MIX is from SMUD-owned resources or specifically purchased from individual suppliers.
*** Percentages are estimated annually by the California Energy Commission based on electricity sold to California consumers during the previous year.

### SMUD GREENERGY PRODUCT CONTENT LABEL

<table>
<thead>
<tr>
<th>2014 Greenergy 100% Renewable Option and Block Option*</th>
<th>2014 Greenergy 50% Renewable Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100%**</td>
<td>&gt; 50%**</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2013 Greenergy 100% Renewable Option and Block Option*</th>
<th>2013 Greenergy 50% Renewable Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 0%</td>
<td>&gt; 0%</td>
</tr>
</tbody>
</table>

For specific information about this electricity product, contact SMUD. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or www.energy.ca.gov/db1305/power_content_label.html.

Note: Due to rounding conventions, numbers may not add to 100%.

* The Block Option is sold in blocks of 1,000 kilowatt-hours (kWh).
** Actual figures in 2014 may vary according to resource availability. SMUD will report annually to you the actual resource mix you purchased during the preceding year. Renewable generation location in 2014 will probably consist of BC, ID, OR, and WA; ID, OR, WA, WY, and Canada; Geo OR.

New Renewables come from generation facilities that first began commercial operation on or after 1/1/98. The average home in the United States uses 900 kWh per month. Average residential home in SMUD Service Territory uses 750 kWh per month. For more information regarding Greenergy, contact SMUD at 1-888-742-SMUD, or online at smud.org/greenergy.

Green-e Energy certifies that Greenergy meets the minimum environmental and consumer protection standards established by the non-profit Center for Resource Solutions. For information on Green-e Energy certification requirements, call 1-888-63-GREEN, or visit www.green-e.org.