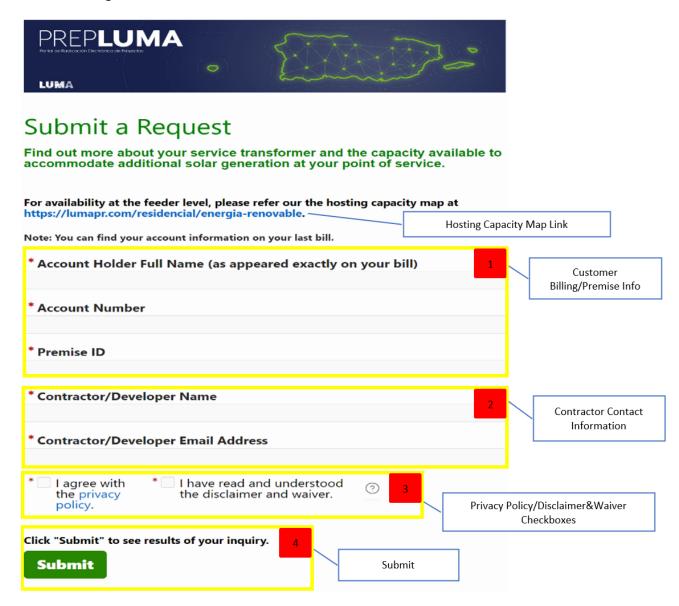# User Guide: Service Transformer & Available DER Capacity Web App Tool

I. **Navigation**

Purpose: This tool provides guidance to developers and customers to understand the available AC Capacity of distributed generation to the Service Transformer.

1. **Customer Billing/Premise Information:** Provide the *Account Holder Full Name*, *Account Number* and *Premise ID* as appears in the last bill (see **Figure 1** and **Figure 2** for reference).
2. **Contractor Contact Information:** Include the contact information with contractor/Developer Name and a valid email address.
3. **Privacy Policy/Disclaimer&Waiver Checkboxes:** Check both boxes if you agree with LUMA Energy, LLC – Privacy Policy and Disclaimer & Waiver. A pop up will appear with the Privacy Policy if clicked on provided link. In addition, the Disclaimer and Waiver may be reviewed by clicking the ⓘ symbol.
4. **Submit:** After submitting all required information, click the submit button to access the results.
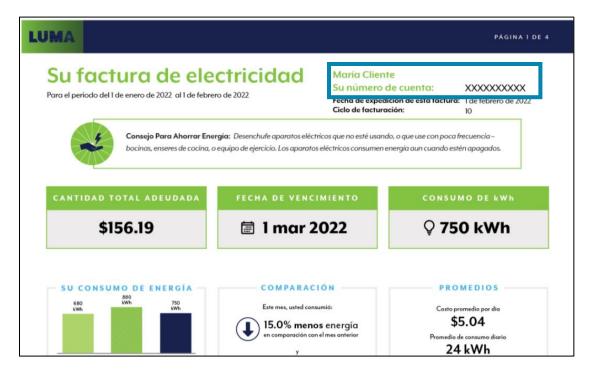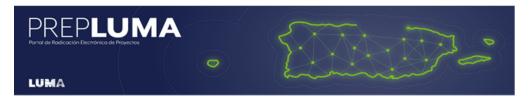
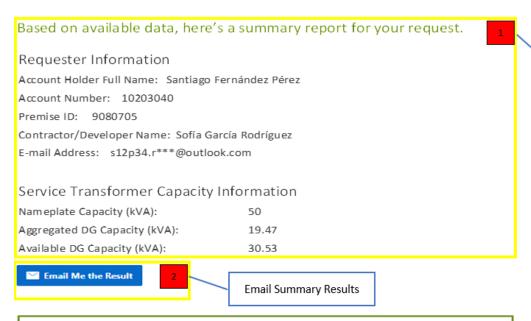**Figure 1.** Client Bill Sample Page 1; Account Name/Number

Figure 2. Client Bill Sample Page 3; Premise ID

II. Results: Summary Report Page

Based on available data, here's a summary report for your request. [1]

Requester Information

Account Holder Full Name: Santiago Fernández Pérez

Account Number: 10203040

Premise ID: 9080705

Contractor/Developer Name: Sofía García Rodríguez

E-mail Address: s12p34.r***@outlook.com

Service Transformer Capacity Information

Nameplate Capacity (kVA):	50
Aggregated DG Capacity (kVA):	19.47
Available DG Capacity (kVA):	30.53

✉ **Email Me the Result** [2]

Summary Report

Email Summary Results

Disclaimer:

The use of this application is at your own risk.

Although LUMA Energy, LLC and LUMA Energy ServCo, LLC (collectively, "LUMA") will make good faith efforts to provide data in response to your query, it is possible for the data to not be available or be inaccurate. By requesting information through this application, you accept the data "as is", recognizing that there are no warranties of any kind provided by LUMA. Particularly, LUMA does not provide any warranties with respect to the data being complete, thorough, faultless, updated, accurate, fit for a specific purpose, or reliable. You agree to waive any claim against LUMA for any inconveniences, damages, or losses that may result from the provided data's inaccuracy, untimeliness, or any other reason.

Also, there may be additional operating requirements or distribution system updates that may be required for a project at the premise identified above, which would be at the developer's and/or customer's expense. You should seek appropriate technical, operational, financial, and legal advice before proceeding with your project. You agree to waive any claim against LUMA in relation to any additional technical, operational, financial, or legal requirements or updates that affect your project in any way.

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You represent that you have read, understood and accepted these disclaimers and waivers.

1. **Summary Report:** A report page will appear with the Requester Information and the Service Transformer Capacity Information.
2. **Email Summary Report:** By clicking on the blue button "Email Me the Results", a copy of the summary report will be sent to the inputted email.

III. <u>**Definitions:**</u>

    a. **Nameplate Capacity (kVA):** Service Transformer AC Capacity Ratting.

    b. **Aggregated Capacity (kVA):** Total DER AC Capacity Aggregated connected to a specified Service Transformer;

$$Aggregated\ Capacity = \sum DER\ AC\ Capacity$$

    c. **Available Capacity (kVA):** Estimated amount of available capacity that may be connected to the service transformer prior to overloading the transformer's capacity.

$$Available\ Capacity = Nameplate\ Capacity - \sum DER\ AC\ Capacity$$

All capacities are expressed in kilovolt-amperes (kVA)*