

Application for Distributed Solar Solutions

In order to participate in the Distributed Solar Solutions (“DSS”) Pilot for the sale of renewable energy to TVA, this form must be completed by the Applicant and reviewed and submitted by the Local Power Company (“LPC”). Questions concerning DSS should be addressed to DSS@tva.gov.

By submitting this Application Form, the Applicant hereby declares that the information contained in this document and submitted by the Applicant is true, complete, and accurate. By submitting this Application Form, the Applicant agrees and acknowledges that the Applicant has read and understands the DSS Guidelines and DSS Contract, has obtained independent legal advice, and agrees to comply with all requirements contained therein. Applications must be submitted and approved by the LPC that owns the distribution system to which the solar system will be connected.

Section I: Approver & Applicant Information

LPC Approver

For the application to be considered, the application must be submitted and approved by the LPC providing interconnection service for the project.

Name of LPC : _____

LPC Approving Officer:

Printed Name _____ Title _____

Signature _____ Date _____

Primary LPC Project Coordinator:

Printed Name _____

E-mail _____ Phone Number _____

Applicant

The applicant is the entity seeking to enter into contract and receive payment for generation. The applicant may be the LPC or another entity. Attach details of corporate ownership structure.

Applicant's Legal Name _____

Federal Tax Identification Number: _____

The Applicant is: (select one)

- A Local Power Company
- A Local Power Company Subsidiary
- A Corporation
- A Partnership
- A Joint Venture
- Other (specify): _____

Primary Contact Details:

First Name _____ Last Name _____

Address _____

E-mail _____

Phone Number _____ Mobile Number _____

Section 2: Project Eligibility Requirements

To be eligible for participation, applicant must select at least one primary category and one subcategory below. The selection of multiple categories or subcategories is preferable to meet the goals and objectives of DSS. Final determination of project eligibility will be at the sole discretion of TVA.

(Note: end-use locations that benefit a single customer will generally not qualify)

Please select all that apply:

- Primary Category 1: LPC Business Models**
- Financing Model – Innovative LPC financial structures (beyond leveraging the investment tax credit, depreciation benefits, or grants) that minimize total system costs and explore unique financing structures (e.g., creative LLC financing vehicles)
 - Customer Engagement - Business models that encourage greater end-use consumer focus and engagement and provide opportunities for a wide range of customers to participate in the project (e.g., community solar, aggregated rooftop solar)
- Primary Category 2: LPC Technical Innovations**
- Targeted Deployment - Solar projects intentionally located for several specified, measurable, feeder benefits that significantly expand the technical knowledge base of the LPC community (e.g., volt/var support, loss reduction)
 - Grid Management - Solar projects intentionally aggregated with other advanced DER technologies for several specified, measurable, distribution network benefits that significantly expand the technical knowledge base of the LPC community (e.g., integration of solar in an advanced distribution automation scheme or advanced grid system that optimizes system characteristics)
- 2016 ITC:** Project Plan relies on leveraging the 2016 Investment Tax Credits (financial structure requires further description in narrative section)

Additional Supporting Considerations (supplemental content to support primary categories above)

Outreach/Education

- Options for low-income participation
- Future knowledge sharing with LPC community
- Educational opportunities in local community

Leveraging Opportunities

- Leveraging of strategic partnerships with experienced 3rd parties
- Leveraging financial opportunities such as grants, incentives, awards
- Secondary long-term impacts to local communities

Sustainability/Environment

- Minimization of green field land use via brownfield or rooftop utilization

A narrative description is required that includes:

- how the proposed project meets the defined categories, subcategories, and additional supporting considerations listed above; and
- how the LPC will share knowledge gained from experience with this system with the greater LPC Community

Section 3: Project Description & Connection Requirements

Project Name: _____

Physical address of Project (must be located in the TVA Power Service Area)

Legal Street Address: _____

City/Town: _____ State: _____

Zip Code: _____

Gross Nameplate Capacity of Solar Photovoltaic System in kilowatts (kW): _____

(Note: Gross Nameplate Capacity should be the Direct Current (DC) kW capacity)

a. Expected Initial Annual (12 Month) Generation (kWh): _____

b. Expected Annual Degradation Factor (% loss/year): _____

c. Expected 20-year Total Generation (kWh): _____

d. Expected Total Project Installed Cost (\$): _____

Expected Initial Delivery Date of Project: _____

Proposed Substation for generation connection (requires LPC and TVA coordination)

GPS coordinates of Location of Project (or longitude and latitude in decimal format)

GPS coordinates of the connection point location (or longitude and latitude in decimal format)

Estimated generation clearing time for a fault on the distribution system

Estimated generation clearing time for a fault on the TVA transmission system

Can the proposed generator's protection and controls detect an island scenario and trip or disconnect from the system in less than 10 cycles? If yes, what method will be used to detect the island scenario?

Section 4: Declarations Made by Applicant

Each Applicant shall be solely responsible for its own costs and expenses relating to the preparation and submission of its Application and the development of the Project, whether or not an Application is rejected or the Distributed Solar Solutions Pilot is suspended, revoked, or revised. Under no circumstances whatsoever shall TVA be liable for any indirect, punitive, or consequential damages associated with the Applicant's participation in the Distributed Solar Solutions Pilot.

Initials _____

Each Applicant shall be solely responsible for arranging its own interconnection with Local Power Company's System. Any and all costs associated with the interconnection process are the sole responsibility of the Applicant.

Initials _____

Each Applicant shall be solely responsible for arranging its own environmental review with TVA. Environmental reviews are required for each project per the National Environmental Policy Act (NEPA). Any and all costs associated with the NEPA review process are the sole responsibility of the applicant.

Initials _____

By submitting an Application, the Applicant irrevocably and unconditionally waives any Claims against TVA relating to the Applicant's costs and expenses including costs in relation to satisfying all Project eligibility requirements and the Application Fee.

Initials _____

Information provided by an Applicant in relation to a Project, including capacity, generation location (county), interconnection point (LPC name), and environmental characteristics may be disclosed by TVA on the TVA website or otherwise. Such disclosures may be made on an individual basis, or aggregated with information provided by other Applicants.

Initials _____

Notwithstanding anything contained in the Distributed Solar Solutions Guidelines, TVA reserves the right, in its sole discretion, to reject any Application in whole or part whether or not completed properly and whether or not it contains all necessary information and reserves the right to discuss different or additional proposals other than those included in any Application.

Initials _____

TVA reserves the right to cancel all or any part of the Distributed Solar Solutions Pilot at any time and for any reason or to suspend the Distributed Solar Solutions Pilot in whole or part for any reason for such period of time as TVA shall determine in its sole discretion, in each case without any obligation or any reimbursement to the Applicants.

Initials _____

TVA may verify with any Applicant or with any third party any information set forth in an Application.

Initials _____

Applicant has reviewed, understands, and agrees to abide by the Distributed Solar Solutions Guidelines.

Initials _____

TVA reserves the right to waive any informality or irregularity at its discretion with respect to an Application or an Applicant's compliance with the Distributed Solar Solutions Guidelines.

Initials _____

Applicant hereby warrants and certifies that all information submitted in this Application is accurate. In making this warranty and certification, Applicant acknowledges that Applicant is aware that Section 21(b) of the Tennessee Valley Authority Act of 1933 (16 U.S.C. 831t (b)) provides that any person who, with intent to defraud TVA or to deceive any officer or employee of TVA, makes any false report or statement to TVA shall, upon conviction thereof, be fined not more than \$10,000 or imprisoned not more than five years, or both.

Applicant Signature _____ Date _____

Printed Name _____

Title _____

For TVA Internal Use Only:		
Date Received:	____/____/____	____ TVA Staff
Verified as Complete Application:	____/____/____	____ TVA Staff
Applicant Notified of Award Status:	____/____/____	____ TVA Staff