

Unleashing Solar Journey, with TPDDL...



Introduction

TPDDL plays a leadership role in climate change by being knowledgeable, responsive and trustworthy organization. By adopting environment friendly technologies, business practices and innovation, while pursuing new technologies and enhancing the lives of our consumers.

With over 300 clear sunny days available in Delhi and declining cost of solar technology, the generation cost from a rooftop solar PV plant is competitive with conventional power generation technologies.

In keeping with the consumer centricity spirit, TPDDL brings energy solutions that are:

- ✓ Cost effective - Zero cost of fuel for over 25 years
- ✓ Significant savings on your energy bill
- ✓ Highest quality, standards and benchmark services
- ✓ Provides clean and green energy

TPDDL Initiative

To facilitate consumers for installation of rooftop solar projects, TPDDL has undertaken open competitive techno-commercial bidding procedure to empanel implementation agencies which will install solar projects on turnkey basis with optional comprehensive AMC for solar plants for a period of 5, 7 or 10 years.

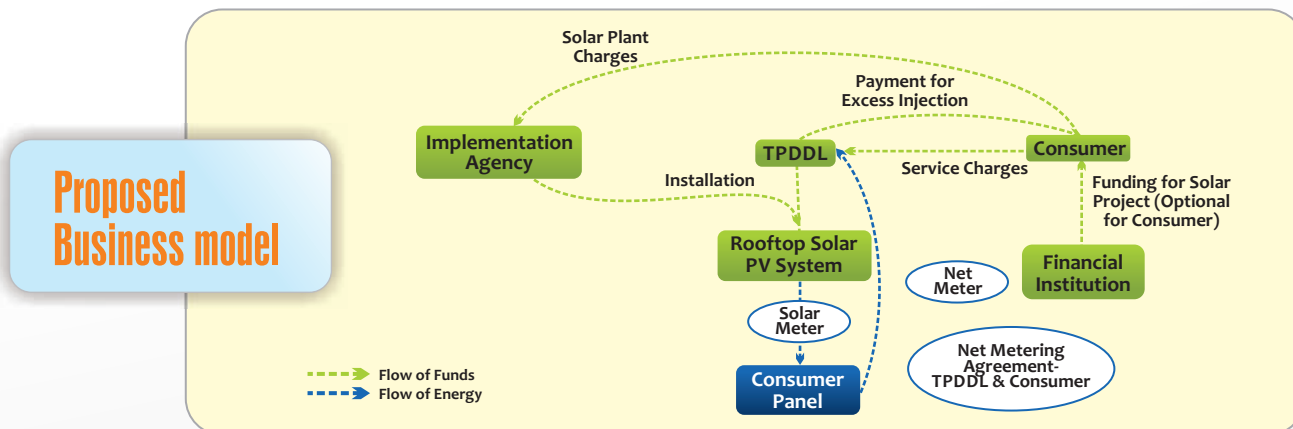
Delhi Electricity Regulatory Commission has approved TPDDL proposal for facilitation of installation of rooftop solar plant by providing single window service to consumers for supply, installation, testing and commissioning with maintenance agreement as opted by consumers.

Three Agencies, that are empanelled with Ministry of New & Renewable Energy, Govt. of India as channel partner with highest Grading of "SP 1A", have been short listed as empanelled associate for TPDDL Consumers –

M/s Tata Power Solar

M/s Su-Kam Power Systems Limited

M/s Jakson Engineers Limited



How the consumer benefits

TPDDL SERVICES	BENEFIT TO CUSTOMERS
Empanelment of implementing Agency with open competitive bidding	Optimum price with superior technology and benefit of Economy of Scale
Standardization of Equipment Specification & Technology	Ensuring Quality of Solar Plant
Verification of engineering Design and Array layout for each consumer after joint site survey	Customized design of optimum solar capacity for customer
Facilitation to finalize terms & conditions for supply, installation and AMC	Ensuring smooth transaction and proper execution for solar project
Dedicated technical team to monitor & facilitate installation, testing and commissioning of the Solar Plants	Ensuring highest Quality and Safety for Solar Plant execution
TPDDL EMPANELLED IMPLEMENTATION AGENCY SERVICES	BENEFIT TO CUSTOMERS
Supply of material as per TPDDL Benchmark, modules with 25 years warranty and Solar Plants with 5, 7 or 10 years' warranty	Ensuring Quality of material/Best quality materials
Installation of project within timeline* with adherence to TPDDL Safety & Quality Guidelines	Ensuring standard of quality and safety
Committing Performance Ratio for Solar Plant for 25 years	Ensuring proper generation of Solar Plant
Optional AMC including cleaning and comprehensive warranty for Solar Plant - for 5, 7 or 10 years	Ensuring hassle free service and Performance Warranty

Illustrative example of a rooftop solar plant

Item Description	Commercial consumer
Solar plant capacity	30 Kwp
Retail tariff for Non-domestic load	9.64 (8.50 INR+ 8% surcharge+ 5% tax)
Retail tariff escalation (assumed)	6%
Solar plant supply and installation cost	Rs. 20.88 Lakhs
5 Year AMC Cost (optional)	Rs. 0.89 Lakhs
Units to be generated per annum (approx.)	42000 UNITS
Tax benefit with Accelerated Depreciation	Rs. 5.78 Lakhs
Savings in Electricity Bill for 25 years	Rs. 2.06Crores

DISCLAIMER:

The example given above is purely for illustrative purpose and TPDDL in no way confirms the accuracy of the same. Savings (if any) shall be determined as per variety of factors, including but not limited to CUF of the plant, climactic conditions, consumer consumption, efficiency of the plant, rules regulations and tariff as notified from time to time.

Connection procedure

Step 1

A consumer shall submit an application, seeking connectivity under the Net Metering Regulations, 2014 along with an application fee of Rs. 500/- (Rupees Five Hundred) to TPDDL for feasibility analysis.

Step 2

TPDDL shall complete the feasibility analysis at the proposed site for connecting the Renewable Energy System to the distribution system within thirty (30) days from the date of receipt of the application.

Step 3

On feasibility analysis, if it is found feasible for TPDDL to provide connectivity for the applied capacity or a reduced capacity, TPDDL shall inform all such applicants, to apply for registration and further processing.

Step 4

The rooftop solar plant must get connected to the grid within one year from the registration process.

TPDDL Solar Journey



Endorsed as the 1st utility in the country, TPDDL became an empanelled channel partner with MNRE accredited with the highest grading of SP1A denoting “Highest Performance Capability” and “Highest Financial Strength”. TPDDL continues to facilitate and enable consumers with the assurance of highest quality standards of product and service. Major drivers for promotion of Rooftop Solar Projects by TPDDL are as follows-

- TATA Group Commitment to Combat Climate Change
- Exploring Solution to problems of Delhi: Rampant Pollution | Electricity Shortages
- Renewable Purchase Obligation (RPO)
- Demonstrating viable business model for rooftop generation for metro cities like Delhi



TATA POWER-DDL

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Who to contact

As part of TPDDL commitment to our consumers, for questions related to rooftop solar, please feel free to contact:

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