

TECHNICAL FEASIBILITY REPORT

Ref No. and Date:
Consumer Number:
Meter No:
Application Number: **Date:**

Sl. No.	Description	Response of Field Official
A	Details of Inspecting Officer	
1	Name, Designation and Employee Code	
B	Applicant Details	
1	Name of the Applicant	
2	Address of Applicant	
3	Mobile Number	
4	Email Id	
5	Tariff Category of the Consumer	
6	Type of existing connection: 1ph-LT or 3 ph-LT/HT	
7	Type of existing Metering (Please tick)	1. Single phase 2 wire whole current static LT meter 2. 3 phase 4 wire Static Tri vector LT Meter 3. 3 phase 4 wire CT Operated Tri-vector Meter 4. HT Metering
	Meter Type & Meter No	1. Prepaid 2. Postpaid
8	Sanctioned Load in kW / Contract demand in KVA	
9	Type of Building	1. Assam Type 2. Multistoried Building 3. Apartment 4. Others
10	Nearest Pole Number:	
C	Distribution / Power Transformer Details	
1	Location	
2	Transformer No.	
3	Capacity in kVA	
4	Total Connected load in kW	
5	Peak Load of the Transformer/ DTR(KW)	
6	Aggregate capacity of Solar Rooftop system already connected in kWp	
7	Proposed Solar Rooftop capacity in kWp	

Sl. No.	Description	Response of Field Official
8	Total Aggregate Capacity in kWp (6+7)	
9	Whether the transformer capacity is adequate to deliver the proposed Solar Rooftop PV system in addition to existing solar RTPV systems as per AERC Regulations [20% of Peak Capacity of Distribution Transformer (for LT) / Sub-Station (for HT)]	<input type="radio"/> Yes <input type="radio"/> No
10	Mode of execution of the proposed RTS power plant (Please Tick)	1. CAPEX <input type="radio"/> 2. RESCO <input type="radio"/> 3. Others <input type="radio"/>
D	Connecting Feeder Details	
1	Name of the 11kV feeder	
2	Feeder Number	
3	Name of the 33/11kV Sub-Station	
4	Type of the conductor/cable (size)	
5	Total connected load in the feeder in KW	
6	Aggregate capacity (kWp) of Solar Rooftop systems already connected in the feeder	
7	Peak load of the feeder in KW	
	Conductor constraints in the feeder	<input type="radio"/> Yes <input type="radio"/> No
E	Feasibility Details	
	(i) Applied aggregate solar panel capacity is within 80% of connected load	<input type="radio"/> Yes <input type="radio"/> No
	(ii) Applied aggregate solar panel capacity is within 80% of contract demand	<input type="radio"/> Yes <input type="radio"/> No
	(iii) Proposed capacity is within Peak Capacity of Transformer (for LT) / Sub-Station (for HT) Available Transformer Capacity = 20% of Peak capacity minus already sanctioned/commissioned RTS systems under that DT (for LT) / Sub-Station (for HT)	<input type="radio"/> Yes <input type="radio"/> No
	(iv) Outstanding revenue liability cleared	<input type="radio"/> Yes <input type="radio"/> No
	(v) Proposed Capacity is equal to or above minimum capacity of 1 kWp	<input type="radio"/> Yes <input type="radio"/> No
	(vi) Proposed Solar Rooftop PV installation capacity does not exceed allowable maximum capacity of 1000 kWp	<input type="radio"/> Yes <input type="radio"/> No

I hereby certify that:

The proposed Rooftop Solar PV installation at (APDCL Consumer No.) is technically feasible for the applied capacity: kWp

Name of Sub-Divisional Engineer:

..... Electrical Sub-Division, APDL

Seal and Signature of SDE:

Date:

Copy to:

1. **The Chief General Manager (NRE)**, Assam Power Distribution Company Limited, Bijulee Bhawan, Annex Building, Paltanbazar, Guwahati – 1.
2. **The CEO, _____ Electrical Circle**, Assam Power Distribution Company Limited.

(Intimation to the Applicant for Non-Feasible Rooftop Solar Applications)

To

Date _____

Name of the Applicant: _____

Address:

.....

Ref:

Consumer No.....

Your Application No. _____ dated _____

Sub: Intimation for Non-Feasible RTS Applications

Your Application for installation of RTS plant of your premises has been checked and the observations are as follows:

The proposed Rooftop Solar PV installation is technically not feasible for the applied capacity of kWp due to the following reasons: *(Please tick ✓ as applicable)*

- a) Applied aggregate solar panel capacity is more than 80% of connected load/contract demand
- b) Outstanding revenue liability not cleared
- c) Connected load is not adequate for eligibility of installation minimum allowable SPV capacity plant of 1 kWp (shall be within 80% of connected load/contract demand)
- d) Proposed Solar Rooftop PV installation capacity exceeds allowable maximum capacity of 1000 kWp
- e) Transformer / Sub-Station has already attained the allowable 20% peak load on account of Solar Rooftop PV installations / capacity addition
- f) Other Reason (please specify)

The connectivity is feasible for a reduced capacity of kWp* (*Only if applicable. Otherwise please insert NA)

Name of Sub-Divisional Engineer:

..... Electrical Sub-Division, APDL

Seal and Signature of SDE:

Date: