

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/ Phone 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) 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
	(iii) Outstanding revenue liability cleared	<input type="radio"/> Yes <input type="radio"/> No
	(iv) Proposed Capacity is equal to or above 1 kWp	<input type="radio"/> Yes <input type="radio"/> No
	(v) Proposed Solar Rooftop PV installation capacity does not exceed allowable Maximum capacity of 1000kWp	<input type="radio"/> Yes <input type="radio"/> No

I hereby certify that

The proposed Rooftop Solar PV installation is technically feasible for the applied capacity kWp

Signature and Name
SDE,
.....Electrical Sub - Division, APDCL

Copy to:

1. **The General Manager (NRE)**, Assam Power Distribution Company Limited, Bijulee Bhawan, Annex Building, Paltanbazar, Guwahati – 01
2. **The CEO of _____ Electrical Circle,** _____ Electrical Circle, APDCL
3. **The Director, Assam Energy Development Agency,** Near IDBI Building, Bigyan Bhawan, GS Road, Guwahati – 5.

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(Intimation to the Applicant on deficiency scrutinized in the Application based on technical feasibility report)

To _____ Date _____
Name of the Applicant _____

.....
..... (Address)

Ref: Your Application no. _____ dated _____

Subject: Intimation for Removal of Deficiency

Your Application for installation of RTS plant of your premises has been thoroughly check and the observations are as follows: *(Option 1 or 2 as applicable)*

1. The proposed Rooftop Solar PV installation is technically not feasible for the applied capacity upto kWp. **However, the connectivity is feasible for a reduced 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
 - 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)
 - 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) Others (please specify)

Now you are requested to furnish your comment (**FORM A3**) for installation of the proposed RTS plant as per requisite specification etc.

You are requested to respond this letter within 30 working days beyond which your application is liable to be rejected outright.

OR

2. The proposed Rooftop Solar PV installation **is not feasible at this stage** due to the following reasons:
 - a) Transformer / Sub-Station has already attained the allowable 20% peak load on account of Solar Rooftop PV installations / capacity addition

Signature and Name
SDE,
.....Electrical Sub - Division, APDCL
