



তেজপুৰ বিশ্ববিদ্যালয়
(কেন্দ্ৰীয় বিশ্ববিদ্যালয়)

ড° বীৰেন দাস
পঞ্জীয়ক

तेजपुर विश्वविद्यालय
(केंद्रीय विश्वविद्यालय)

डॉ. बीरेन दास
कुलसचिव

TEZPUR UNIVERSITY
(A Central University)

Dr. Biren Das
Registrar

(सर्वोत्तम विश्वविद्यालय के लिए कुलाध्यक्ष पुरस्कार, 2016, भारत के 100 श्रेष्ठ उच्च शिक्षण संस्थानों में पंचम स्थान और 'नाक' द्वारा 'ए' ग्रेड प्राप्त विश्वविद्यालय)
(Awardee of Visitor's Best University Award, 2016, 5th among India's Top 100 Universities, MHRD-NIRF Ranking, 2016 and NAAC Accredited with "A" Grade)

No. F.12-1/97(GA-1)/2169

06-11-2018

To
The Sub- Divisional Officer
Tezpur Electrical Sub-Division
Assam Power Distribution Company Ltd.
Tezpur, Assam

- Subject: Work completion Report and Agreement copy related to 1000 kWp Grid-connected Rooftop Solar Photovoltaic Power Plant at Tezpur University

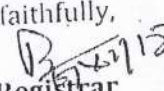
Sir,

Inviting reference to the subject mentioned above, I am enclosing the Work completion report of the 1000 kWp Grid connected Solar Photovoltaic Power Plant installed at Tezpur University and the copy of the Agreement to be signed between Tezpur University and APDCL.

I would like to request you to kindly arrange the Inspection, Commissioning and Synchronization of the Plant and install the Bi-directional Meter at the earliest.

With regards,

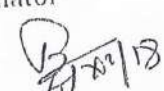
Yours faithfully,


Registrar

06-11-2018

Memo. No. F.12-1/97(GA-1)/
Copy for information to:

- Chief Electrical Inspector/Electrical Inspector, Tezpur, Assam, Government of Assam.
- General Manager (NRE), Annex Building, Bijulee Bhawan, Paltan Bazar, Guwahati - 1.
- Director, Arunachal Pradesh Power Corporation Pvt Ltd, B-17, Sector-I, Noida, U.P.
- Executive Engineer, Tezpur University
- Dr. Sadhan Mahapatra, Department of Energy, Tezpur University & Co-ordinator of RTPV.
- File.


Registrar

P-124

Technical Feasibility Report
(To be issued by APOCL)

Name of Sub Division: Tezpur E&D-II
Consumer Number: 63000001309
Meter No:

Application Number: TESD/SOLAR/001
-II

Technical Feasibility Report on proposed installation of Grid connected Solar rooftop PV plant

Sl. No. Description	Observation of field official
A. Applicant Details	DR. BIREN DAS (REGISTRAR)
B. Name of the Project	TEZPUR UNIVERSITY NAPPAAM: 784-026
C. Category of consumer & voltage level	HT - Bulk Education 3PHASE, HT 3PH 4WIRE CTPT operated
D. Type of existing connection (ph 1, 3, 2ph, 1FA)	1. Single phase 2 wire with current state CTPT
E. Type of Meter to be used (if any)	2. 3 phase 4 wire State CTPT CT Meter
F. Existing meter details	3. 3 phase 4 wire CT, Disconnected Inverter Meter
G. Existing meter type	4. HT Metering ✓
H. Existing meter location	1. Present
I. Existing meter capacity / existing meter rating	2. 2000 Kw ✓
J. Name of existing	2000 Kw 1500 Kw Provided
K. Name of New consumer	✓ ✓ ✓ 4. CT Meter
L. Distribution Transformer Details	TEZPUR UNIVERSITY
M. Location	00PPG001/1 & 00PPG001/2
N. Transformer No.	2500 Kva & 2500 Kva 2000 Kw 1347 KW
O. Capacity of transformer (KVA)	1000 Kw 1000 KWP
P. Capacity of transformer (KW)	/
Q. Capacity of transformer (KVA) at 11KV	/
R. Capacity of transformer (KW) at 11KV	/

TEZPUR UNIVERSITY
NAPPAAM: 784-026

P-128

9 Whether the transformer capacity is adequate to deliver the proposed SRTPV system in addition to existing solar RTPV systems as per AERC Regulations.**

Yes / No

10 Mode of execution (Please Tick)

- 1. CAPEX
- 2. RFSCO
- 3. Others

C Connecting Feeder Details

1 Name of the 33 kV feeder ³³

Tezpur University

2 Feeder Number

3 Name of the 33/11kV Sub Station

4 Type of the conductor/cable (size)

Wvg

5 Total connected load in the feeder in KW

1500 KW

Prmdf

6 Aggregate capacity (kWp) of SRTPV systems already connected in the feeder

0

7 Peak load of the feeder in KW

1347 KW

8 Proposed SRTPV installation is technically feasible in the existing feeder Yes / No

feasible

(If it is not feasible, tick the reasons)

- (i) Overloading of transformer
- (ii) Conductor constraints in the feeder
- (iii) Applied aggregate solar panel capacity is more than 80% of connected load
- (iv) DTR already attains allowable 20% peak load on account of SRTPV installations / capacity addition
- (v) Outstanding revenue liability not cleared
- (vi) Connected load is not adequate for eligibility of installation Minimum allowable SPV capacity plant of 1 KW(shall be within 80% of connected load)
- (vii) Proposed SRTPV installation capacity exceeds allowable Maximum capacity of 1 MW
- (viii) Inadequate shadow free area for installation of solar panel
- (ix) Others, if any

NB: (i) * The solar panel capacity of the consumer shall be within 80% of connected/contracted demand
 (ii) **The cumulative solar panel capacity of all such consumers connected to the Transformer/DTR is limited to 20% of the peak capacity of the Transformer/DTR

I hereby certify that the above said SRTPV installation is technically feasible/not feasible /feasible with 1000 KW capacity

Signature and Name
SDE,

.....Electrical Sub - Division, APDC, Tezpur
Sub-Divisional Engineer
Tezpur Elect, Sub-Division II
APDCL, Tezpur

