

Annexure 24.1

भारत सरकार

नवीन और नवीकरणीय ऊर्जा मंत्रालय

Government of India

MINISTRY OF NEW AND RENEWABLE ENERGY

ब्लॉक नं. 14, केन्द्रीय कार्यालय परिसर, लोदी रोड, नई दिल्ली-110003

BLOCK NO. 14, C.G.O. COMPLEX, LODI ROAD, NEW DELHI - 110 003

Fax : 011-24361298

Telegram : RENEWABLE

सं.

No. **No. 30/52/2014-15/NSM**

दिनांक

Dated**14-07-2015**.....

Shri G V Balram
Managing Director,
Karnataka Solar Power Development Corporation Pvt Ltd,
#39, "SHANTHI GRUHA", Bharath Scouts & Guides,
Palace Road, Bangalore – 560 001

Subject: Authorization to apply for Connectivity and Long Term Access in Inter-State Transmission System.

With reference to the notifications of Central Electricity Regulatory Commission (CERC) dated 15th May, 2015 for including Solar Power Park Developer as an Applicant for Connectivity and Long Term Access in Inter-State Transmission System, the Ministry of New and Renewable Energy hereby declares Karnataka Solar Power Development Corporation Pvt. Ltd. (KSPDCL); a JVC of Karnataka Renewable Energy Development Limited (KREDL) and Solar Energy Corporation of India (SECI), as the Solar Power Park Developer (SPPD) for Solar Park at Pavagada Taluk, Tumkur District, Karnataka with capacity 2000 MW. The SPPD shall undertake infrastructural activities including arrangement of connectivity on behalf of solar power generator in the stated Parks.

(Handwritten signature)

(A. N. Srivastava)

Director (NSM)

Tel/Fax: 2436 3498

(Handwritten signatures and dates)
A 22/7/15
NSM (SP)
A 22/7/15

Copy to:

1. Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi
2. Secretary, Central Electricity Regulatory Commission, 3rd or 4th Floor, Chanderlok Building, 36, Janpath, New Delhi 110 001.
3. The Chairman and Managing Director, Power Grid Corporation of India Ltd. SAUDAMINI, Plot No. 2, Sector-59, Gurgaon 122 001
4. Managing Director (IC), Solar Energy Corporation of India, 1st Floor, D-3, A Wing, Religare Building, New Delhi.

(Handwritten note)
TO: copy to be sent to Powergrid
23/7

KARNATAKA SOLAR POWER DEVELOPMENT CORPORATION PRIVATE LIMITED
(Govt. Undertaking)

K.S.P.D.C.P.L

(JV Company of KREDL, GoK and SECI, GoI)

KSPDCPL/PGCIL/F-13/Pavagada/ 16

Date: 13/8/15

Encl:-4

To
The Executive Director (SEF & CE)
Power Grid Corporation of India Limited,
Saudamini, Plot No-2, Sector-29,
Near IFFCO Chowk, Gurgaon -122001
Haryana.

Sir,

Sub: Submission of revised LTA & connectivity application by KSPDCPL. for the proposed 2000MW Solar Power Plant at Pavagada Taluk. Tumkur District- Reg.

- Ref:** 1. T.O letter NO. KSPDCPL /PowerGrid/F13/13 dt. 11-08-2015
2. Meeting held on 5th August 2015 at Energy Dept., GoK, Bengaluru.
3. Y.O. Letter No. C/CTU/LTA/KSPDCPL/ABG dated 30-07-2015
4. T.O letter NO. KSPDCPL. /PowerGrid/F13/03 dt. 01.07.2015
5. T.O letter NO. KSPDCPL. /PowerGrid/F13/01 dt. 24.06.2015

As per the telephonic discussions had with Sri. Subir Sen. GM, Powergrid, please find enclosed herewith revised LTA-II and Connectivity II Application Formats for further needful.

Yours faithfully,

[Signature]
Chairman
KSPDCPL

→ DUB
- only
20/8/15
AT 21/08/15
PT - discuss
12/08/15
20/8/15

50/100 - C.T.U.P
19-8-15

REVISION FORMAT-CON-2 -Ver1

Application for Grant of Connectivity

1	Name of the Applicant	M/s Karnataka Solar Power Development Corporation Private Limited (KSPDCPL)
2	Address for Correspondence	#39, Shanthi Gruha, Bharath Scouts & Guides Building, Palace Road, Bengaluru-560001
3	Contact Details	
	Prime Contact Person	G.V Balaram
	Designation	Chairman
	Phone Number (Landline)	080-22208109
	Phone Number(Mobile)	+91-9448451535
	Fax:	080-22257399
	E-Mail	kredlmd@gmail.com
	Alternate Contact person	Sujatha C
	Designation	Assistant General Manager
	Phone Number (Landline)	080- 22207851
	Phone Number(Mobile)	+91-9449842361
	Fax:	080-22257399
	E-Mail	agm.spkredl@gmail.com
4	Nature of the Applicant	
	Generator(Other Than Captive)	Solar Park developer
	Captive Generator	
	Any other	
5	Details of Connectivity	
5a	Capacity (MW) for which Connectivity is required	2000 MW
5b	Date from which connectivity is required	Phase-I for 1000MW Sept, 2017 Phase-II for 1000MW Sept, 2018
6	Location of Generating Station	
	Name of the Village/Town	Pavagada
	District	Tumkur
	State	Karnataka
	Latitude	14 ^o 15' 32.23"N
	Longitude	77 ^o 25' 48.88" E
7	Installed Capacity of Generating Stations.	
	Phase-I	1000MW
	Phase-II	1000MW

avmcy

8	Commissioning Schedule of the Generating Stations (New) Phase-I Phase-II	Sept,2017 Sept, 2018
9	Details of Generating Station Name of the Power Plant Promotor Fuel Source of Fuel Generator Voltage Step-up Voltage Is it identified Project of CEA Base Load/Peak Load	Solar Power Plant KSPDCPL Solar Energy Sun 360~415 V 66kV/220kV/400kV N/A Base Load
10	Details of Nearest 400/220/132 KV Substations Substation-1 Voltage Level Available Distance in KM Substation-2 Voltage Level Available Distance in KM	Proposed 400kV Grid substation at Pavagada (next to the Solar Park) 400/765kV Madhugiri sub station
11	Details of DD (Application Fee) Amount in Rs DD No Date Bank Name Branch Name	9 Lakhs 902016476 17-06-2015 Vijaya Bank Cunningham Road,Bengaluru

This Connectivity application supersedes earlier submitted connectivity applications.



(Signature)
G.V Balaram
Chairman, KSPDCPL

REVISED FORMAT-LTA-2 -Ver2

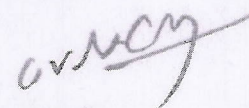
Application for Grant of LTA

1	Name of the Applicant	M/s Karnataka Solar Power Development Corporation Private Limited (KSPDCPL)
2	Address for Correspondence	#39, Shanthi Gruha, Bharath Scouts & Guides Building, Palace Road, Bengaluru-560001
3	Contact Details	<p>Prime Contact Person Designation Phone Number (Landline) Phone Number(Mobile) Fax: E-Mail</p> <p>G.V Balaram Chairman 080-22208109 +91-9448451535 080-22257399 kredlmd@gmail.com</p> <p>Alternate Contact person Designation Phone Number (Landline) Phone Number(Mobile) Fax: E-Mail</p> <p>Sujatha C Assistant General Manager 080-22207851 +91-9449842361 080-22257399 agm.spkredl@gmail.com</p>
4	Nature of the Applicant Normal Generator(Other Than Captive)	Solar park developer
5	Details for Long Term Access(LTA)	
5a	Quantum (MW) for which LTA is required	2000 MW
5b	Date from which LTA is required (not earlier than 3 years from the last day of the month in which application has been received)	Phase-I for 1000MW Sept, 2017 Phase-II for 1000MW Sept, 2018
5c	Date up to which LTA is required (12 Years to 25 Years from the date from which LTA is required)	25 Years
5d	Injection of Power (more than one only in case of single Drawl)	
	Entity-1	KSPDCPL
	State/Region	Karnataka/SR
	Quantum-1	2000MW
	Connectivity with the Grid	Proposed 220/400 kV substation (ISTS)
5e	Drawal of Power (more than one in only case of single Injection)	

G.V. Balaram

	Entity-1 State/Region Quantum-1 Connectivity with the Grid Entity -2 State/Region Quantum-2 Connectivity with the Grid	DISCOMs of Karnataka Karnataka/SR 600MW from Phase I and 500MW from Phase II ISTS Third Party/Captive/IPPs/Any states in Southern Region Karnataka/SR 400MW from Phase I and 500MW from Phase II ISTS
11	Details of DD /Cheque e-transaction (application Fee) Amount in Rs DD No and Date Bank Name Branch Name	Rs.9 Lakhs 902016478 and 17-06-2015 Vijaya Bank Cunningham Road,Bengaluru
12	Details of Bank Guarantee Amount in Rs Bank Name Branch Name	Two crores Vijaya Bank Cunningham Road,Bengaluru

This LTA application supersedes earlier submitted LTA applications.



(Signature)
G.V Balaram
Chairman, KSPDCPL

KSPDCL/PGCIL/Pavagada/40

Encl:2

Dated: 30/10/2015

To
The Executive Director (SEF & CE)
Power Grid Corporation of India Limited,
Saudamini, Plot No-2, Sector-29,
Near IFFCO Chowk,
Gurgaon -122001
Haryana.

Sir,

Sub: "Application for LTA" for the proposed 2000MW Solar Power Plant at Pavagada Taluk, Tumkur District
Ref: T.O.Letter No. KSPDCL/PGCIL/F-13/Pavagada/16 dated 13-08-2015.

In continuation to letter cited under reference, it is to inform that, NTPC has proposed to develop 600MW solar project through bundling with unallocated thermal power under NSM P-II, B-II power scheme. NTPC has invited tender for this 600MW. This power will be purchased by DISCOMs of Karnataka. Further, NTPC has requested for allotting non-agricultural land required for 1000MW (under Bundling Scheme of thermal stations completing 25 years) in Pavagada Solar Park in Tumkur District in addition to the already allotted 600MW under JNNSM scheme. This proposed 1000MW will be owned and operated by NTPC under EPC mode. Out of this 1000MW, 600MW will be purchased by Distribution Companies of Karnataka and balance portion of power will be sold to other States in Southern Region.

Further, SECI has proposed to develop balance 400MW through VGF mode and the same will be purchased by Distribution Companies of Karnataka .

Thus, DISCOMs of Karnataka shall consume 1600MW as against the earlier indicated quantum of 1100MW. Balance power of 400MW will be consumed by SR Beneficiaries.

Kindly note the above change in the submitted LTA-II Application Format

Yours faithfully,


(G.V.BALARAM)Chairman
KSPDCL

KARNATAKA SOLAR POWER DEVELOPMENT CORPORATION PRIVATE LIMITED

(Govt. Undertaking)

K.S.P.D.C.P.L

(JV Company of KREDL,GoK and SECI,GoI)

KSPDCPL/PGCIL/F-13/Pavagada/15

Date: 13/8/2015

To

The Executive Director (SEF & CE)
Power Grid Corporation of India Limited,
Saudamini, Plot No-2, Sector-29,
Near IFFCO Chowk, Gurgaon -122001
Haryana.

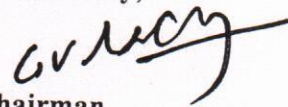
Sir,

Sub: Submission of undertaking by KSPDCPL as per CERC Regulations in respect of
2000MW Solar Power Plant at Pavagada Taluk, Tumkur District- Reg.

Ref: Mail dated 12-08-2015 of Chief Manager(SG),Powergrid.

As desired vide the email cited under reference, KSPDCPL as Solar Power Park Developer of 2000MW Pavagada Solar Park undertakes to bear all liabilities related to LTA and Connectivity in accordance with CERC Regulations/orders on behalf of the solar power generators to be set up in the solar park.

Yours faithfully,


Chairman
KSPDCPL

KARNATAKA SOLAR POWER DEVELOPMENT CORPORATION LIMITED

(Govt. Undertaking)

K.S.P.D.C.L

(JV Company of KREDL, GoK and SECI, GoI)

KSPDCL/PGCIL/F-13/Pavagada/36

Date: 21-10-15

To

The Executive Director (SEF & CE)
Power Grid Corporation of India Limited,
Saudamini, Plot No-2, Sector-29,
Near IFFCO Chowk, Gurgaon -122001
Haryana.

Sir,

Sub: Evacuation plan in 2000MW Pavagada Solar Park- Reg.

With reference to the above subject, it is to inform that KSPDCL is developing 2000MW Solar Park at Pavagada in 2 phases of 1000MW each. The proposed evacuation scheme is as follows:

1. Solar Power Developer will have to construct 66/11 kV pooling substation for onward transmission of power generated from their units.
2. 66kV voltage to be stepped to 220kV level for which 8 No.s of 220/66 kV Pooling Substations (250MW each) along with other infrastructure are proposed to be executed on total turnkey basis by KSPDCL.
3. For evacuation of power from these 220/66 kV stations, KSPDCL will construct 220kV transmission lines up to the 220kV bays of 400/220KV Tumkur/Pavagada pooling substation to be constructed by M/s POWERGRID. It is requested to construct total 16nos. (8 numbers in each phase) of 220kV line bays at the above 400/220KV substation by M/s POWERGRID.

This is for your information and for needful action.

Yours faithfully,


(G V BALARAM)Chairman
KSPDCL

Copy to:

The Executive Director (SG& EE), Power Grid Corporation of India Limited,
Saudamini, Plot No-2, Sector-29, Near IFFCO Chowk, Gurgaon -122001, Haryana.

Transmission System for Tumkur UMSPP in Karnataka (2000MW)

