

सोलर एनर्जी कॉर्पोरेशन ऑफ इंडिया लिभिटेड (भारत सरकार का उपक्रम)

Solar Energy Corporation of India Ltd.

(A Government of India Enterprise)

स्वच्छ भारत - स्वच्छ ऊर्जा



No. SECI/PS/IEGC/2022/50415

02.08.2022

To

Shri. Harpreet Singh Pruthi Central Electricity Regulatory Commission 3rd & 4th Floor, Chanderlok Building 36, Janpath, New Delhi-110001

Sub: Comments on the Draft Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2022

With reference to Public Notice No. No. L-1/265/2022/CERC dated 07.06.202 inviting comments/suggestions to the Draft Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2022 published by the Honourable Commission, please find enclosed comments/suggestions on the same from Solar Energy Corporation of India Limited (SECI).

Thanking You,

Yours faithfully,

(Kaustuv Roy)

GM (Projects)

Encl: Annexure 1: Comments/Suggestions to the Draft IEGC 2022

पंजीकृत कार्यालय : 6 वीं मंजिल, प्लेट-बी, एनबीसीसी कार्यालय ब्लॉक टावर-2, Regd. Office : 6th Floor, Plate-B, NBCC Office Block Tower-2, पूर्वी किदवई नगर, नई दिल्ली-110023 East Kidwai Nagar, New Delhi-110023

द्रमाष/Phone : (011) 24666200, ई—मेल/Email : corporate@seci.co.in, वेबसाइट/Website: www.seci.co.in

सीआईएन/CIN: U40106DL2011GOI225263

Comments/Suggestions on Draft IEGC, 2022 from SECI

S. No.	Clause No.	Clause	Alternate/ Suggestions
1.	3 (1)	Definitions	66
		'Blackout State': means a condition at a specific time where a part or all the operations of the power system have got suspended	at a specific time where a part or all
2.	3 (1)	Definitions:	
		Generating Unit	Generating Unit
		means	means
		a) for all generating stations	a) for all generating stations
			except solar photo voltaic, wind and
		hybrid stations,	hybrid stations,
		an electrical generator coupled to a	an electrical generator coupled to
		prime mover within a power station	prime mover within a power station
		together with all plant and apparatus	together with all plant and apparatu
		at the power station which relate	at the power station which relate
- 1		exclusively to operation of that turbo-	exclusively to operation of tha
1			turbo-generator;
		b) for solar photo voltaic	b) for solar photo voltaic
		generating stations including hybrid,	generating stations including hybrid
		each inverter along with associated	each inverter along with associated
		modules shall be reckoned as a	photovoltaic Modules and other
1		separate generating unit;	equipment shall be reckoned as a
		c) for wind generating stations	separate generating unit;
		including hybrid: each wind turbine	c) for wind generating stations
		generator with associated equipment	including hybrid: each wind turbine
		shall be reckoned as a separate	generator with associated equipment
			shall be reckoned as a separate
			generating unit;
3. 3	3 (1)	Definitions:	Intermediary Procurer
h			means any entity that procures
1	- 1	Intermediary Procurer (New p	power from single / multiple
			generating stations and sells to
	c		ingle / multiple buyers. The
			ntermediary procurer shall also
		in the second se	pe a beneficiary as defined in S.
- 1	1		No. 9.

21(1) Notice of Trial Run: Notice of Trial Run: (1) The generating company (1) The generating company proposing its generating station or aproposing its generating station or a unit thereof for trial run or repeat of unit thereof for trial run or repeat of trial run shall give a notice of not less trial run shall give a notice of not than seven (7) days to the concerned less than seven (7) days to the RLDC and the beneficiaries of the concerned RLDC the generating stations wherever beneficiaries/ intermediary identified. The concerned RLDC procurers of the generating stations shall commence the trial run from the wherever identified. The concerned requested date or in case of any RLDC shall commence the trial run system constraints not later than from the requested date or in case of seven (7) days from the proposed any system constraints not later than date of trial run. The trial run shall seven (7) days from the proposed commence from the time and date as date of trial run. The trial run shall decided and informed by the commence from the time and date as concerned RLDC. decided and informed by concerned RLDC. 5. 22(3) Trial Run of Wind / Solar / Trial Run of Wind / Solar / Storage / Hybrid Generating Station Storage / Hybrid Generating Station Successful trial run of a solar (a) Successful trial run of a solar inverter unit(s) aggregating inverter unit(s) aggregating to 50 to 50 MW and above shall MW and above shall mean flow of mean flow of power and power and communication signal for communication signal for not not less than the period between less than the period between sunrise to sunset in a single day with sunrise to sunset in a single the requisite metering system. day with the requisite metering system, telemetry telemetry and protection system in and protection system service. The generating company service. The generating shall record the output of the unit(s) company shall record the during the trial run and output of the unit(s) during performance shall be corroborated trial the run and its with the solar irradiation recorded at performance shall he site during the day and plant design corroborated with the solar irradiation and temperature parameters. For the trial run, a recorded at site during the declaration shall be given by the day and plant design generating company that no panel has parameters. For the trial run. been replaced or added or taken out a declaration shall be given or design of the plant has been altered by the generating company that no panel has been replaced or added or taken out or design of the plant has been altered.....

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9. 45 (11) (b)	b. NLDC shall notify a			of Rated Power Capac ity all notify
	procedure for aggregation of pooling stations for the purpose of combined scheduling and deviation settlement for wind or solar or renewable hybrid generating stations within six (6) months of notification of these regulations.	ĸ	pooling sta purpose scheduling settlement fo or renev generating Energy St	or wind or sola vable hybri stations o
10. 45 (11) (d)	d. QCA registered with the concerned RLDC shall, on behalf of wind, solar or renewable hybrid generating stations		behalf of renewable h	tered with the RLDC shall, or wind, solar or ybrid generatine Energy Storag
11. Annexure 1, 5 (i)	ANNEXURE - 1 THIRD PARTY PROTECTION SYSTEM CHECKING & VALIDATION TEMPLATE FOR A SUBSTATION i. The settings and scheme adopted are in line with agreed protection philosophy or any accepted guidelines (e.g. Ramakrishna guidelines or CBIP manual based		adopted are agreed prote or any acc (e.g. Ramak or CBIP m	gs and scheme in line with the circum philosoph epted guideline rishna guideline anual based of ecommendation

SOLAR ENERGY CORPORATION OF INDIA LIMITED NEW DELHI

Comments on the draft Indian Electricity Grid Code Regulations

Sr. No	Clause No.	Clause	Alternate Suggestions
		ANNEXURE - 1 THIRD PARTY PROTECTION SYSTEM CHECKING & VALIDATION TEMPLATE FOR A SUBSTATION	 i. The settings and scheme adopted
1.	Annexure 1, 5 (i)	i. The settings and scheme adopted are in line with agreed protection philosophy or any accepted guidelines (e.g. Ramakrishna guidelines or CBIP manual based)	are in line with agreed protection philosophy or any accepted guidelines (e.g. Ramakrishna guidelines or CBIP manual based or OEM recommendation/ manual).