No.29/5(1)/2012-13/JNNSM
Govt. of India
Ministry of New and Renewable Energy
****

Block No.14, C.G.O. Complex,
Lodi Road, New Delhi-110003

Dated: 20th December, 2013

OFFICE MEMORANDUM

Sub: Guidelines for Implementation of Scheme for setting up of 750 MW Grid-connected SPV power projects under Batch-I of JNNSM Phase-II – Clarification/Amendment, reg.

The undersigned is directed to refer to the Guidelines for Implementation of Scheme for Setting up of 750 MW Grid-connected SPV power projects under Batch-I of JNNSM Phase-II issued vide this Ministry's O.M. of even number dated 25-10-2013 and to furnish the following clarification of the provision under Clause 2.6 (e) thereof:

Clause No.	Existing Provision	Clarification
2.6 (E)	**Domestic Content Requirement** .....Under DCR, the solar cells and modules in the solar PV power plants must both be made in India....	In case of crystalline Silicon technology, all process steps and quality control measures involved in the manufacture of the Solar Cells and Modules starting from P-type (or N-type) wafers till final assembly of the Solar Cells into Modules shall be performed at the works of PV manufacturers in India. The requisite P-type (or N-type) wafers and other raw materials can be imported. In case of Thin-film technologies, the entire Modules assembly comprising of Thin-film Solar Cells shall be manufactured in India. The starting substrate (without any semiconductor junction) and other requisite raw materials can be imported.

Clause No.	Existing Provision	Clarification
1.3 ..... 1.3.10	**Mechanism of Viability Gap Funding** .....In case of projects financed through loan, the charge created on the project assets shall be shared with the Lending Institutions.	SECI will have second charge on the project assets along with first charge of Lending Institutions.

Further, the provision under Clause 2 of Annexure 'B' of the Guidelines stands amended as follows –

Clause No.	Existing Provision		Amended Provision	
Annexure `B' Clause 2	**Power Conditioners/Inverters** The power conditioners/inverters of the SPV power plants must conform to the latest edition of IEC/ equivalent BIS standards as specified below :		**Power Conditioners/Inverters** The Power Conditioners/ Inverters of the SPV power plants must conform to the latest edition of IEC/ equivalent Standards as specified below :	
	Efficiency Measurements	IEC 61683	Efficiency Measurements	IEC 61683
	Environmental Testing	IEC 60068 -2	Environmental Testing	IEC 60068 -2
	EM Compatibility (EMC)	IEC 61000 series -relevant parts	EM Compatibility (EMC)	IEC 61000 series -relevant parts
	Electrical Safety	IEC 62109-1&2	Electrical safety	IEC 62103/ IEC 62109-1&2
	Protection against Islanding of Grid	IEE1547/UL 1741/ eqvt. BIS guidelines	Anti-Islanding Protection	IEE1547/UL 1741

2. This issues with the approval of Competent Authority.

(A.K. Varshney)
Director (Grid Solar Power)

To:

The Managing Director, Solar Energy Corporation of India, NBCC Plaza, Saket, New Delhi.

Copy to: PS to Hon'ble Minister (NRE)
PSO to Secretary, MNRE/ PS to JS (TK)/ Director, NIC for uploading this on MNRE website