

नवीन और नवीकरणीय ऊर्जा मंत्रालय/ Ministry of New & Renewable Energy (MNRE)

Atal Akshay Urja Bhawan,
Lodhi Road, New DelhiDate: 03rd August, 2026**OFFICE MEMORANDUM****Sub: Request for comments on the proposed standardized nomenclature for Solar PV Cell Models under ALMM List-II.**

1. The Approved List of Models and Manufacturers (ALMM) for Solar PV Cells (List-II) presently contains the model names of solar PV cells as furnished by individual manufacturers. In the absence of a prescribed standard nomenclature, manufacturers presently follow their own proprietary model naming conventions. Consequently, the model names vary considerably across manufacturers and do not provide a uniform basis for identification of the technical characteristics of the solar PV cells.
2. With a view to introducing uniformity in identification of solar PV cell models and improving traceability, the Ministry has prepared a draft proposal for adoption of a **standardized 14-digit alphanumeric nomenclature** for all solar PV cell models enlisted under ALMM List-II. The proposed nomenclature is intended to provide a unique identification number for each enlisted model while incorporating basic technical information relating to the product.
3. The proposed nomenclature structure is as follows:

Position	Code	Description
1	D/F	Wafer Origin: D: Domestic (Indian) F: Foreign
2	D/F	Ingot Origin (used for manufacture of wafer): D: Domestic (Indian) F: Foreign
3	D/F	Polysilicon Origin (used for manufacture of ingot): D: Domestic (Indian) F: Foreign
4-5	MP/TC/HJ/BC etc.	Cell Technology: MP – Mono PERC TC – TOPCon HJ – HJT BC – Back Contact, etc.
6-9	0M10/ M10R/ 0G12/ G12R etc.	Wafer Size (M10, M10R, G12, G12R, etc.)
10-11	10/12/16/18 etc.	Number of Busbars
12-14	Manufacturer-specific	Manufacturer-specific identifier (Brand/ Revision/ Variant/ Unique Identifier, as applicable)

4. **Illustration:** By way of illustration only, the nomenclature may appear as under:

i. **DDFTCG12R16R01**

which may be interpreted as:

- D – Domestic wafer
- D – Domestic ingot
- F – Imported/Foreign polysilicon
- TC – TOPCon technology
- G12R – G12R Wafer size
- 16 – 16 Busbar
- R01 – Manufacturer-specific identifier (Revision/Brand/Variant)

ii. **FFFMP0M1010ABC**

may represent:

- F – Imported/Foreign wafer
- F – Imported/Foreign ingot
- F – Imported/Foreign polysilicon
- MP – Mono PERC technology
- 0M10 – M10 wafer size
- 10 – 10 Busbar
- ABC – Manufacturer-specific identifier

5. The proposed standardized nomenclature is envisaged to serve as the unique identification number for every enlisted solar PV cell model. Besides facilitating enlistment under ALMM, it is expected to promote uniform identification and traceability of solar PV cells across the value chain and may serve as a common product identifier for regulatory, commercial and other related purposes. The cell origin (Domestic/Foreign) would also be brought out for distinction between ALMM List-I and ALMM List-I(a) solar modules, based on the Bill of Materials (BoM).

6. Comments/ suggestions are requested from stakeholders on the proposed standardized nomenclature.

7. Comments/suggestions may be furnished to the undersigned by email at azmal.mnre@gov.in latest by **13th August, 2026**.


(Mohd Azmal Mansoori)
Scientist 'C'
Email: azmal.mnre@gov.in

To: All concerned

Copy to: Director (Technical), NIC, MNRE, for uploading on MNRE's website.