

Solar Design Approval Application



Solar NOC #

Solar NOC# mandatory to proceed with DA submission

A: Solar Plant Details

No.	Question	Answer
1.1	Overall peak power at DC Side (kWp)	
1.2	Maximum capacity power @ AC Side, Pmc (kW)	
1.3	Yearly expected produced energy (kWh)	

B: Consumption account details

No.	Question	Hosting account	Answer
2.1	Consumption account (Hosting account)		
2.2	Other Consumption accounts held by the Producer within the same plot.*	1	
	<i>Note: Excess of Export Electricity over the electricity imported from the Distribution System under the Hosting Account will be deducted from consumption readings of other accounts held by the Producer within the same Plot, following the sequence of accounts indicated</i>	2	
		3	
		4	
		5	

* If the "Other Consumption account" is more than five, please attach a pdf file giving the full list in sequence

C: Solar module details

atleast one column should be filled mandatorily

Solar Module	Group 1	Group 2	Group 3	Group 4	Group 5
3.1 Type of Modules (Mono CSI-Poly CSI-Thinfiln)					
3.2 Manufacturer and model number					
3.3 Number of Modules					
3.4 Peak power of each module (Wp)					
3.5 Tilt (°)					
3.6 Azimut (°)					

Total kWp

D: Solar Inverter details

atleast one column should be filled mandatorily

Solar inverter	Group 1	Group 2	Group 3	Group 4	Group 5
4.1 Inverter Manufacturer and Type					
4.2 Power of single unit (kW @ unity pf)					
4.3 Inverter quantity					
4.4 No. of Phases (single / Three)					
4.5 Internal Transformer (Yes/No)					
4.6 Reactive power capability as per DEWA requirement (Yes / No / NA)					
4.7 Active power limitation for Pmc* \geq 10kW (Yes / No / NA)					
4.8 LVRT capability for Pmc* \geq 10 kW (Yes / No / NA)					
4.9 Remote control system for Pmc* \geq 100kW (Yes / No / NA)					

* Pmc as defined in item 1.2

Total kW (at unity pf)

E: Document upload

No.	Requirement	Submission status	File name
1	Copy of Solar NOC		
2	Site setting out plan showing details of proposed works, PV panels layout, meter location(s), point of connection (PoC)etc.		
3	Connected load & maximum demand and load distribution schedules at each connection point		
4	Single line diagram, with details of metering and protection system		
5	Production details (kWp and kWh per annum)		
6	Details on PV modules, for each kind employed in the plant		
7	Compliance (to applicable Standard) certificate of the modules		
8	Details on Inverters, for each kind employed in the plant		
9	Compliance to DEWA and International Standard certificate of the inverters		
10	Harmonic spectrum report for each type of inverter used		
11	Details of Interface Protections		
12	Compliance to DEWA and International Standard certificate of the interface protection		
13	Sizing of the PV system elements (string design, inverters, solar cables, breaker)		
14	Wiring layouts		
15	Dimensional layout of electrical RMU rooms, LV switch rooms with arrangement of the panels, metering rooms or enclosures		
16	Ground Floor and / or Typical Floor Layout indicating Location of Electrical rooms, MDB / SMDB, DB, Inverters, etc		
17	Structural drawings <i>(accompanied by a declaration signed by the civil designer on the compliance of the structures to the in force laws and rules.)</i>		
18	Plan of substation location (if requirement of substation is indicated in DEWA's building NOC or if a MV connection is needed)		
19	Other drawings/technical specification as applicable		
20	Dubai Municipality /Tarkhees / any other Permit for solar		
21	Green Building Regulation implementation document		
22	Explicit acceptance and agreement to the terms and Conditions of the Connection Agreement		
23	Operation and Maintenance criteria and main planned actions		