

## Applicant's POC Details

Benayat Application No.	NM:	SN:	Year:
Organization			
Name			
CR/CPR No.			
Address	Building:	Road:	Block:
Mobile No.		EWA Account No.	
Solar PV Panels Capacity	kW	Voltage Delivery	V
Solar PV Inverter Capacity	kW	Applicant Signature	
Tariff Meter No.			
PV Meter No.			

## Assigned Contractor Details

Name			
CR No.			
EDD License No.	Level		
Address	Building:	Road:	Block:
Mobile No.		Company Stamp	
Email Address			
Fax No.			

For application requirements and service steps please scan the QR code



## Assigned Consultant(s) Details

### Consultant 1

Name

Company Stamp

CPREP License No.

Level

### Consultant 2 (Optional)

Name

Company Stamp

CPREP License No.

Level

### Civil and Structural

### Pass

Foundations (state, breakage, deterioration of the surface)

Structural and PV modules alignments as per the submitted design

Roof-integrity and ingress-protection of mounting system

General conditions of the cabins/enclosures with their access-door

Integrity and layout of cableways and conduits

Mounting of supporting structures

Condition of the components (damages, defects, corrosion...)

Bolts and tightening conditions

### Strings' Voltage and Cables' Insulation Resistance and Continuity

### Submitted

Strings' Voltages with date, ambient temperatures and contractor's signature

DC cables' continuity & insulation resistance seclude with date and contractor's signature

AC cables' continuity & insulation resistance seclude with date and contractor's signature

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Solar PV Equipment	Pass
Mechanical integrity of the components (faults, breakdowns or incomplete assembly)	<input type="checkbox"/>
Labeling of all components	<input type="checkbox"/>
Correct equipment sizing as the approval submitted designs	<input type="checkbox"/>
No shading obstructions for all PV modules	<input type="checkbox"/>
Tightening of cable glands with the correct installation as per EWA regulations	<input type="checkbox"/>
Assembly and crimping of plug-in connectors	<input type="checkbox"/>
Positioning and fixation of all components, with enough inverter's ventilation	<input type="checkbox"/>
IP-degree of all equipment as per the submitted design	<input type="checkbox"/>

DC and AC Protection and Labeling	Pass
The measured maximum PV array voltage is as per the submitted design	<input type="checkbox"/>
Functional earthing (if applicable) and bonding for all equipment	<input type="checkbox"/>
PV array's earth residual current monitoring detection is functional (if applicable)	<input type="checkbox"/>
All circuits, protective devices, switches and terminals suitably labeled	<input type="checkbox"/>
Means of isolation on the AC side is clearly labeled, with healthy-fuses (if applicable)	<input type="checkbox"/>
Dual supply warning labels are fitted at point of interconnection	<input type="checkbox"/>
A SLD with shutdown-procedure are displayed on-site where PV modules are installed	<input type="checkbox"/>
All signs and labels are suitably affixed and durable	<input type="checkbox"/>

Interface-Protection for Inverter(s) and External IP (if applicable)	Pass
The enabled functions of the interface protection are those required by EWA	<input type="checkbox"/>
The thresholds are those required by EWA	<input type="checkbox"/>
Interface protection settings are attached herewith	<input type="checkbox"/>

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Measured Data at Commissioning Connection - Witnessed by EWA		Measurement
In-plane irradiance (POA)		
PV modules' temperature		
Ambient air temperature		
	DC side	AC side
Cumulative array voltage		
Cumulative array current		
Output power-factor		
Requirement to measure the voltage and current for each string (shall be enclosed)		<input type="checkbox"/>
Interface device switches off in case of power-cut (anti-islanding)?		<input type="checkbox"/>
After a power recovery the interface-protection recloses the dedicated switch?		<input type="checkbox"/>

Power-Quality & Special Requirements While Commissioning (if applicable) - Witnessed by EWA		
	Voltage Total-Harmonic-Distortion (AC side)	Current Total-Harmonic-Distortion (AC side)
R-G		
Y-G		
B-G		
N-G		
Post-submission for a detailed harmonics' readings, if necessary?		<input type="checkbox"/>
Special testing for both external interface-protection and the transformer, if applicable?		<input type="checkbox"/>

Submission Details		
Submitted By	<input type="text"/>	Applicant Stamp /Signature
PV Meter(s) CT Ratio	<input type="text"/>	<input type="text"/>
Application No.	<input type="text"/>	Date
EWA Result (for internal use only)		Witnessing Stamp/ Date
<input type="checkbox"/> Pass	<input type="checkbox"/> Fail	<input type="text"/>

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