

Application Number :	
Date Received :	

## Application for Net Export Rebate

### 1. Customer Information

Premises : \_\_\_\_\_

Existing Utility Account number (load): \_\_\_\_\_

### 2. Contestability Status:

Non-contestable                       Contestable

\*For non-contestable customers with rebate under Simplified Credit Scheme (SCS), please fill in the details till point 6.

\*\*For contestable customers, a separate generation account will be created for the net export rebate.

### 3. Has the generation / embedded generation facility been commissioned?

Yes     No

\*All new embedded IGS and non-IGS below 10MW can only be registered under Enhanced Central Intermediary Scheme (ECIS). All new standalone facilities will continue to register with EMC.

### 4. Is the current application for upgrading of your generation / embedded generation facility?

Yes     No

### 5. Please select one of the following types of generation facility:

Embedded PV                                       Standalone PV  
 EG (Embedded Generator)                       Others

### 6. Please indicate if you wish to receive rebate for your net export of electricity from:

SP Services Limited (only applicable if capacity of PV/EG is less than 10MWac)<sup>1</sup>

- a) I/We have at least one (1) embedded generating unit less than 10MWac i.e. solar photovoltaic at my/our premises.
- b) I/We will inform SP Services Limited on any changes to the total generation capacity.
- c) I/We acknowledge that SP Services Limited will pass on the rebates and charges in the next billing cycle after SP Services Limited received payment from EMC.
- d) I/We am/are GST-registered. My/Our GST registration number and date are as follows. I/We attach a copy of the GST registration letter from IRAS.

GST registration number \_\_\_\_\_ GST registration date \_\_\_\_\_

- e) I/We agree that I/We will not issue any tax invoice for electricity sold to SP Services but hereby authorize SP Services to issue tax invoices on my/our behalf.
- f) I/We will notify SP Services Limited immediately if there is any change to my/our GST status i.e. cancellation, registration or if I am issued with a new GST registration number.
- g) I/We accept the Embedded Generation requirements (applicable to non-PV embedded generation only):
  - The load facility, and the land on which the generation and load facilities are located, are majority (i.e. at least 50%) owned by me/us; and
  - The generation facility is located on land which is contiguous to the load facility except where there is insufficient contiguous land available for me/us to accommodate both the generation and load facilities.

<sup>1</sup>PSO approval letter is required for PV whose generation capacity is equal or above 1MWac, and is applicable for all Embedded Generation application prior to the turn on of the facility and generation account opening.

Energy Market Company (EMC)\*  
 Energy Market Company (EMC)\* as Non-exporting IGS

\*Registration with EMC as a Market Participant is required.

\*Under the Market Rules, you are not permitted to convey any physical service through or out of the transmission system unless you/your facility have been registered by the EMC.

No rebate

**7. For PV rebate scheme, please indicate the applicable metering option:**

Private

Continue from point 8

SP PowerGrid

Continue from point 8

Solar Generation Profile

Complete 8b and sign on page 3

- a) Please note that the meters must be of the AMI (Advanced Metering Infrastructure) type.
- b) The metering charges described in Table 2 will apply if you wish to engage SP PowerGrid to install the generation meter(s), and check meter(s) if applicable.
- c) Refer to Table 3 for the latest list of AMI meter vendors if private meter is preferred.
- d) Check meter is compulsory for generation facility with capacity of at least 1MW as described in the Metering Code.
- e) Please indicate details for private generation meter(s) under point 8 if you are installing the generation meters.
- f) Please complete Part A if you are engaging SP PowerGrid to install and maintain the generation meter(s), and check meter(s) if applicable. Please inform SP PowerGrid – Electrical Meters Section at least 2 weeks in advance prior to the tentative date of installation of the Generation meter.

**8. Generation System Details**

- a) Metering Point No.: \_\_\_\_\_ (To indicate reference metering point eg. Feeder 1 Main / Feeder 1 Check / Feeder 2 Main / Feeder 2 Check)
- b) Generation Capacity\*: \_\_\_\_\_ MWac
- c) Location of generation meter to be installed: \_\_\_\_\_ (To indicate the premise address location where the meter is installed eg. ESS 1 Switchboard 1)

\*If the installed capacity of the intermittent generation facility is at least 1MWac and above per site, please submit the Power System Operator (PSO) Data Form For Intermittent Generation Facility Registration to PSO at [ema\\_pso\\_ssp@ema.gov.sg](mailto:ema_pso_ssp@ema.gov.sg)

Please use separate sheet for more than 1 metering point.

**9. Please indicate details of private generation meter based on the naming convention described in Table 1.**

a) Private Generation Meter

Serial of Device	Meter Serial	
	HT-CT Serial	
	HT-VT Serial	
	LT-CT Serial	
VT info (for HT meters only)	VT Ratio	
	VT Manufacturer Name	
CT info (for both LT and HT meters)	CT Ratio	
	CT Manufacturer Name	
Meter Accuracy	Meter Accuracy Class	
Meter Attribute Value	Multiplier factor for the meter (Value = "1" if the multiplier is already configured in the meter internally)	
Summation Registers Unit of Measurement	Register number kWh Import	Register 1
	Register number kWh Export	Register 2
	Register number Q1 kVarh Import	Register 5
	Register number Q3 kVarh Export	Register 7

Load Profile Unit of Measurement <ul style="list-style-type: none"> <li>• Import – Withdrawal from Grid</li> <li>• Export – Injecting to Grid</li> </ul>	Channel number kWh Import	Channel 1
	Channel number Q1 kVarh Import	Channel 2
	Channel number kWh Export	Channel 3
	Channel number Q3 kVarh Export	Channel 4

b) Private Check Meter (If applicable)

Serial of Device	Meter Serial	
	HT-CT Serial	
	HT-VT Serial	
	LT-CT Serial	
VT info (for HT meters only)	VT Ratio	
	VT Manufacturer Name	
CT info (for both LT and HT meters)	CT Ratio	
	CT Manufacturer Name	
Meter Accuracy	Meter Accuracy Class	
Meter Attribute Value	Multiplier factor for the meter (Value = "1" if the multiplier is already configured in the meter internally)	
Summation Registers Unit of Measurement	Register number kWh Import	Register 1
	Register number kWh Export	Register 2
	Register number Q1 kVarh Import	Register 5
	Register number Q3 kVarh Export	Register 7
Load Profile Unit of Measurement <ul style="list-style-type: none"> <li>• Import – Withdrawal from Grid</li> <li>• Export – Injecting to Grid</li> </ul>	Channel number kWh Import	Channel 1
	Channel number Q1 kVarh Import	Channel 2
	Channel number kWh Export	Channel 3
	Channel number Q3 kVarh Export	Channel 4

\*Please note that metering charges will apply if you wish to engage SP PowerGrid to install generation and check meters (if applicable).

Signature of applicant: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

## **Part A**

Name of contact person for site works: \_\_\_\_\_

Contact number : \_\_\_\_\_

Number of metering point(s)\* : \_\_\_\_\_

\*Please indicate the metering point details in the table below.

Metering Point No.	PV generation capacity	Breaker Size	Meter Location

**I confirm that the above information is correct and agree to advise SP Services should there be subsequent changes before the commissioning of the intermittent generation facility.**

**I confirm to engage SP PowerGrid Ltd to install the generation meters, and check meter(s) if applicable as stated above and pay the relevant charges based on the services provided.**

**I agree to inform SP PowerGrid – Electrical Meters Section at least 2 weeks prior to the tentative date of generation meters installation for testing and preparation<sup>(1)</sup> of the generation meters.**

*\*(1) Testing of the generation meters and preparation of test reports require 2 weeks lead time.*

Name of Authorized LEW : \_\_\_\_\_ License Number : \_\_\_\_\_

Signature of Authorized LEW : \_\_\_\_\_ Date : \_\_\_\_\_

## **Part B (To be filled up by SP Services Limited)**

Name of Company : \_\_\_\_\_

Name of Company Representative : \_\_\_\_\_

Designation : \_\_\_\_\_

Contact Number : \_\_\_\_\_

MSSL Account Number : \_\_\_\_\_

EBS Installation Number : \_\_\_\_\_

**Table 1: Naming Convention for Private Generation Meter**

	Mandatory Info for Input into EBS	No. of characters	Prefix	Serial Number	Example
<b>Serial of Device</b>	Meter Serial	10	2 alphabets	8 digits (maximum)	<b>ZZ12345678</b>
	HT-CT Serial	10	HT (fixed)	8 digits (maximum)	<b>HT12345678</b>
	HT-VT Serial	10	VT (fixed)	8 digits (maximum)	<b>VT12345678</b>
	LT-CT Serial	10	LT (fixed)	8 digits (maximum)	<b>LT12345678</b>
<b>VT info (for HT meters only)</b>	VT Ratio	22kV / 110 (example)			
	VT Manufacturer Name	Rudolph (example)			
<b>CT info (for both LT and HT meters)</b>	CT Ratio	300 / 5 (example)	where X = 100 / 150 / 200 / 300 / 400 / 500 / 800 / 1000 / 1500 etc		
	CT Manufacturer Name	Rudolph (example)			
<b>Meter Accuracy</b>					<b>Class 0.5</b>
<b>Meter Attribute Value</b>					<b>1</b>

**Table 2: Metering Charges for Generation Meters**

		Main and Check Meters			Main Meter only
		Metering Point at 66kV and above	Metering Point at 6.6kV/22kV	Metering Point at Low Tension	Metering Point at Low Tension
<b>Upfront charge</b>					
(i) One time charge regardless the number of metering points	Site inspection and meetings	\$1,800	\$1,800	\$400	\$400
(ii) Charges per metering point	Meter testing and site installation	\$3,750	\$3,750	\$1,700	\$1,000
<b>Recurring charge</b>					
Monthly charge per metering point		\$200*	\$80*	\$40*	\$20*

\*Charges are before GST

Per Generation Unit / Metering Point		Main and Check Meters			Main Meter only
		Metering Point at 66kV and above	Metering Point at 6.6kV/22kV	Metering Point at Low Tension	Metering Point at Low Tension
<b>Miscellaneous Charges</b>	a) Attending to request for site enquiry during office hours (minimum 3 hours per request)	\$40 per hour			
	b) Attending to communication / meter failure during office hour. Charges will be waived if it is due to equipment failure.	\$80 per trip			
	c) Attending to adhoc request by customer for meter accuracy test with SAC-SINGLAS test report.	\$1,800 per meter		\$660 per meter	

\*Charges are before GST

**Table 3: List of AMI Meter Vendors**

Meter Brand	1P2W AMI Meter, Class 1 Type	3P4W Direct Connected AMI Meter, Class 1 Type	3P4W Low Tension CT Operated AMI Meter, Class 0.5s Type	3P3W HT CT Operated AMI Meter, Class 0.5s Type	Vendor
EDMI	MK7B	MK10E	MK10E	MK10E	EDMI Ltd
Secure	iCredit 510	Sprint 210			Secure Meter Ltd
Communications Pods with NIC	1 Phase RF NIC	3 Phase RF NIC			Itron Metering System Singapore Pte Ltd

Note: All AMI meters to be supplied with the communication pods which are assembled and paired with the required Itron NICs by the respective meter vendors. Buyers to check with SP PowerGrid - Electrical Meters Section for firmware compatibility after quotation by vendors to ensure meter can be remotely read by SP Services Limited.

Vendor	Contact
EDMI Ltd	Teoh Chee Seng (teoh@edmi-meters.com) Jonathan Tan (jonathantan@edmi-meters.com)
Secure Meters Ltd	Kon Lambropoulos (kon.lambropoulos@securemeters.com)
Itron Metering Systems Singapore Pte Ltd	Nikunj Desai (Nikuni.Desai@itron.com)