

Application Number :	
Date Received :	

Application for Net Export Rebate

1. Customer Information

Full Name: _____

UEN No. (if applicable): _____

Last 4 characters of NRIC/FIN/Passport No. (if applicable):

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Premises: _____

Mailing Address (if different from premises address): _____

Existing Utility Account number (load): _____

Generation Unit Capacity (MWac): _____

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 under Enhanced Central Intermediary Scheme (ECIS)

(for embedded IGS and non-IGS generation unit less 10MWac)¹

I/We agree and undertake as follows:

- a) I/We have at least one (1) generation facility (with a generation capacity of less than 10MWac) at my/our premises.
- b) I/We will inform SP Services Limited in writing immediately if there are any changes to the total generation capacity.

- c) SP Services Limited will pass on the rebates and charges in the next billing cycle only after SP Services Limited receives payment of the same from EMC.
- d) *[Only applicable if Customer is **not GST-registered]** I/We am/are not GST-registered. I/We have carried out an up-to-date “GST Registered Business Search” on the IRAS website, and attached a screenshot of the search results showing that I/We are not GST registered.*
- e) *[Only applicable if Customer is **GST-registered]** 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 _____

- f) If I/We am/are (or subsequently become) GST-registered, I/We agree that I/we will not issue any tax invoice for electricity sold to SP Services Limited but hereby authorize SP Services Limited to issue tax invoices on my/our behalf. I/We further agree that where SP Services Limited issues any tax invoice(s) on my behalf in respect of any taxable supplies that I/we provide, SP Services Limited shall be entitled to charge GST at the prevailing rate as at the date on which such taxable supplies are provided.
- g) I/We will notify SP Services Limited in writing immediately if there is any change to my/our GST status, including without limitation if my/our GST registration is cancelled; I/we am/are not currently GST-registered but subsequently become GST-registered; I/We am/are issued with a new GST registration number, etc.
- h) 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.

¹PSO 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 *[^]

(for embedded IGS and non-IGS generation unit more than 10MW and Standalone Generation Facilities)

Energy Market Company * as Non-Exporting Intermittent Generation Facility (NEIGF)

(for embedded IGS generation unit more than 1MW and less than 10MW)

*Registration with Energy Market Company (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.

[^]Registration with Energy Market Company (EMC) is required to receive payment for generation.

No rebate

(for embedded IGS and non-IGS generation unit less than 1MW only)

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

Private

Continue to point 8

SP PowerGrid

Continue to point 8

Solar Generation Profile

Skip point 8 & 9 and sign on page 4

- 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 generation check meter(s) if applicable. Please refer to Figure F2.4.10a of the Metering Code for the metering requirement for Generation Facility.
- c) Refer to Table 3 for the latest list of AMI meter vendors if private meter is preferred.
- d) Please indicate details for private generation meter(s) under point 8 if you are installing the generation meters.
- e) 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

<u>Reference Metering Point</u> <i>(eg. Feeder 1 Main, Feeder 1 Check, etc)</i>	<u>*Generation Capacity (MWac)</u>	<u>Location of Gen Meter</u> <i>(eg. ESS1 Switchboard 1, etc)</i>

*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

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"> • Import – Withdrawal from Grid • Export – Injecting to Grid 	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"> • Import – Withdrawal from Grid • Export – Injecting to Grid 	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: _____

Applicant's Full Name: _____

Signatory's Full 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⁽¹⁾ 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
Serial of Device	Meter Serial	10	2 alphabets	8 digits (maximum)	ZZ12345678
	HT-CT Serial	10	HT (fixed)	8 digits (maximum)	HT12345678
	HT-VT Serial	10	VT (fixed)	8 digits (maximum)	VT12345678
	LT-CT Serial	10	LT (fixed)	8 digits (maximum)	LT12345678
VT info (for HT meters only)	VT Ratio	22kV / 110 (example)			
	VT Manufacturer Name	Rudolph (example)			
CT info (for both LT and HT meters)	CT Ratio	300 / 5 (example)	where X = 100 / 150 / 200 / 300 / 400 / 500 / 800 / 1000 / 1500 etc		
	CT Manufacturer Name	Rudolph (example)			
Meter Accuracy					Class 0.5
Meter Attribute Value					1

Table 2: Metering Charges for Generation Meters

(Charges inclusive of 7% GST before 1st Jan 2023)

		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
Upfront charge					
(i) One time charge regardless the number of metering points	Site inspection and meetings	\$1,926.00 *	\$1,926.00 *	\$428.00 *	\$428.00 *
(ii) Charges per metering point	Meter testing and site installation	\$4,012.50 *	\$4,012.50 *	\$1,819.00 *	\$1,070.00 *
Recurring charge					
Monthly charge per metering point		\$214.00 *	\$85.60 *	\$42.80 *	\$21.40 *

* Charges inclusive of 7% GST before 1st Jan 2023.

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
Miscellaneous Charges	a) Attending to request for site enquiry during office hours. (minimum 3 hours per request)	\$42.80 * per hour			
	b) Attending to communication / meter failure during office hour. Charges will be waived if it is due to equipment failure.	\$85.60 * per trip			
	c) Attending to adhoc request by customer for meter accuracy test with SAC-SINGLAS test report.	\$1,926.00 * per meter		\$706.20 * per meter	

* Charges inclusive of 7% GST before 1st Jan 2023.

Table 2: Metering Charges for Generation Meters

(Charges inclusive of 8% GST with effect from 1st Jan 2023)

		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
Upfront charge					
(i) One time charge regardless the number of metering points	Site inspection and meetings	\$1,944.00 ^	\$1,944.00 ^	\$432.00 ^	\$432.00 ^
(ii) Charges per metering point	Meter testing and site installation	\$4,050.00 ^	\$4,050.00 ^	\$1,836.00 ^	\$1,080.00 ^
Recurring charge					
Monthly charge per metering point		\$216.00 ^	\$86.40 ^	\$43.20 ^	\$21.60 ^

^ Charges inclusive of 8% GST with effect from 1st Jan 2023.

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
Miscellaneous Charges	a) Attending to request for site enquiry during office hours. (minimum 3 hours per request)	\$43.20 ^ per hour			
	b) Attending to communication / meter failure during office hour. Charges will be waived if it is due to equipment failure.	\$86.40 ^ per trip			
	c) Attending to adhoc request by customer for meter accuracy test with SAC-SINGLAS test report.	\$1,944.00 ^ per meter		\$712.80 ^ per meter	

^ Charges inclusive of 8% GST with effect from 1st Jan 2023.

Table 3: List of AMI Meter Vendors

Device Type	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
Meters	MK7B, MK7BT	MK10E	MK10E	MK10E	EDMI Ltd
Meters	A100	A300	A300	-	Itron Metering Systems Singapore Pte Ltd
Meters	i-Credit 510	Sprint 210	-	-	Secure Meters Ltd
Communications Pods with RF NIC	1 Phase RF NIC (Gen 4/Gen 5)	3 Phase RF NIC (Gen 4/Gen 5)			Itron Metering Systems 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 for firmware compatibility after quotation by vendors to ensure meters can be remotely read by SP.

Vendor	Contact
EDMI Ltd	Jonathan Tan (jonathantan@edmi-meters.com)
Secure Meters Ltd	Amit K Gupta (Gupta.Amit@securemeters.com)
Itron Metering Systems Singapore Pte Ltd	Nikunj Desai (Nikuni.Desai@itron.com) Agus Suhertan (suhertan.agus@itron.com)