Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
2018/12/01- 2018/12/31	(1)	ΣEG _{i,p}	Total quantity of the electricity generated in the project during the period <i>p</i>	18.86	MWh/p	Option C	Measured data	, , , , , , , , , , , , , , , , , , , ,	Monthly recording	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	(f)
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
- For	The reference CO ₂ emission factor of grid and captive electricity	0.533	tCO ₂ /MWh	The default emission factor is derived from the result of the survey on the new high-efficient engines using diesel fuel as a power source. The default value should be revised if necessary from the survey result which is conducted by the JC or project participants every three years.	n/a

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
2018/12/01-2018/12/31	10	tCO ₂ /p

[Monitoring option]

Option A	Based on public data which is measured by entities other than the project participants (Data used: publicly recognized data such as statistical data and specifications)
Option B	Based on the amount of transaction which is measured directly using measuring equipments (Data used: commercial evidence such as invoices)
Option C	Based on the actual measurement using measuring equipments (Data used: measured values)

i	EG _{i,p}
solar PV system	The quantity of the electricity generated by the project
number	solar PV system <i>i</i> during the period <i>p</i> MWh/p
	MWh/p
1	18.86
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Monitoring Report Sheet (Calculation Process Sheet) [For Verification] 1. Calculations for emission reductions Fuel type Value Units **Parameter** 10.1 tCO₂/p Emission reductions during the period *p* ER_p n/a 2. Selected default values, etc. The reference CO₂ emission factor of grid and captive electricity Electricity 0.533 tCO₂/MWh $\mathsf{EF}_{\mathsf{RE}}$ 3. Calculations for reference emissions Reference emissions during the period *p* 10.1 tCO₂/p RE_n n/a Total quantity of the electricity generated in the project 18.86 MWh/p ΣEG_{i.p} Electricity during the period p The reference CO₂ emission factor of grid and captive Electricity 0.533 tCO₂/MWh $\mathsf{EF}_{\mathsf{RF}}$ electricity 4. Calculations of the project emissions Project emissions during the period *p* 0.0 tCO₂/p PE_p n/a

[List of Default Values]

The reference CO ₂ emission factor of grid and	0.522	tCO ₂ /MWh
captive electricity	0.555	

Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
2019/01/01- 2019/12/31	(1)	ΣEG _{i,p}	Total quantity of the electricity generated in the project during the period <i>p</i>	238.71	MWh/p	Option C	Measured data	, , , , , , , , , , , , , , , , , , , ,	Monthly recording	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	(f)
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
-For	The reference CO ₂ emission factor of grid and captive electricity	0.533	tCO ₂ /MWh	The default emission factor is derived from the result of the survey on the new high-efficient engines using diesel fuel as a power source. The default value should be revised if necessary from the survey result which is conducted by the JC or project participants every three years.	n/a

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
2019/01/01-2019/12/31	127	tCO ₂ /p

[Monitoring option]

Option A	Based on public data which is measured by entities other than the project participants (Data used: publicly recognized data such as statistical data and specifications)
Option B	Based on the amount of transaction which is measured directly using measuring equipments (Data used: commercial evidence such as invoices)
Option C	Based on the actual measurement using measuring equipments (Data used: measured values)

i	EG _{i,p}
solar PV system	The quantity of the electricity generated by the project
number	solar PV system <i>i</i> during the period <i>p</i> MWh/p
	MWh/p
1	238.71
2	
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Monitoring Report Sheet (Calculation Process Sheet) [For Verification]

1. Calculations for emission reductions	Fuel type	Value	Units	Parameter
Emission reductions during the period <i>p</i>	n/a	127.2	tCO ₂ /p	ER _p
2. Selected default values, etc.				
The reference CO ₂ emission factor of grid and captive electricity	Electricity	0.533	tCO ₂ /MWh	EF _{RE}
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	127.2	tCO ₂ /p	REp
Total quantity of the electricity generated in the project during the period p	Electricity	238.71	MWh/p	ΣEG _{i,p}
The reference CO ₂ emission factor of grid and captive electricity	Electricity	0.533	tCO ₂ /MWh	EF _{RE}
4. Calculations of the project emissions				
Project emissions during the period <i>p</i>	n/a	0.0	tCO ₂ /p	PEp

[List of Default Values]

The reference CO ₂ emission factor of grid and	0.522	tCO ₂ /MWh
captive electricity	0.555	

Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
2020/01/01- 2020/12/31	(1)	$\Sigma EG_{i,p}$	Total quantity of the electricity generated in the project during the period <i>p</i>	227.47	MWh/p	Option C	Measured data	, , , , , , , , , , , , , , , , , , ,	Monthly recording	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	(f)
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
- For	The reference CO ₂ emission factor of grid and captive electricity	0.533	tCO ₂ /MWh	The default emission factor is derived from the result of the survey on the new high-efficient engines using diesel fuel as a power source. The default value should be revised if necessary from the survey result which is conducted by the JC or project participants every three years.	n/a

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
2020/01/01-2020/12/31	121	tCO ₂ /p

[Monitoring option]

Option A Based on public data which is measured by entities other than the project participants (Data used: publicly recognized data such as statistical data and specifica				
Option B Based on the amount of transaction which is measured directly using measuring equipments (Data used: commercial evidence such as invoices)				
	Option C	Based on the actual measurement using measuring equipments (Data used: measured values)		

i	EG _{i,p}
solar PV system	The quantity of the electricity generated by the project
number	solar PV system <i>i</i> during the period <i>p</i>
	solar PV system <i>i</i> during the period <i>p</i> MWh/p
1	227.47
2	
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Monitoring Report Sheet (Calculation Process Sheet) [For Verification]

1. Calculations for emission reductions	Fuel type	Value	Units	Parameter
Emission reductions during the period <i>p</i>	n/a	121.2	tCO ₂ /p	ER _p
2. Selected default values, etc.				
The reference CO_2 emission factor of grid and captive electricity	Electricity	0.533	tCO ₂ /MWh	EF _{RE}
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	121.2	tCO ₂ /p	RE _p
Total quantity of the electricity generated in the project during the period p	Electricity	227.47	MWh/p	ΣEG _{i,p}
The reference CO ₂ emission factor of grid and captive electricity	Electricity	0.533	tCO ₂ /MWh	EF _{RE}
4. Calculations of the project emissions				
Project emissions during the period <i>p</i>	n/a	0.0	tCO ₂ /p	PEp

[List of Default Values]

The reference CO ₂ emission factor of grid and	0.522	tCO ₂ /MWh
captive electricity	0.555	