## 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
2017/08/01- 2017/12/31	(1)		The total quantity of the electricity generated in the project during the period <i>p</i>	178.55	MWh/p	Option C	Measured data	laccuracy standards (1) 2 class (1) 2% accuracy)). The electricity meter will maintain	Monthly	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	<b>(f)</b>
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
F F D C	The reference CO <sub>2</sub> emission factor of grid and captive electricity	0.533	tCO <sub>2</sub> /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 CO<sub>2</sub> emission reductions

Monitoring Period	CO <sub>2</sub> emission reductions	Units
2017/08/01-2017/12/31	95	tCO <sub>2</sub> /p

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)				

	Reference Number: PW003
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>
Hamboi	
	MWh/p
1	93.65
2	38.73
3	46.17
4	
5	
6 7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
45	
46	
47	
48	
49	

50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
01	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83 84	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	
100	

# 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	95.2	tCO <sub>2</sub> /p	ER <sub>p</sub>
2. Selected default values, etc.				
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	95.2	tCO <sub>2</sub> /p	REp
The total quantity of the electricity generated in the project during the period <i>p</i>	Electricity	178.55	MWh/p	ΣEG <sub>i,p</sub>
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
4. Calculations of the project emissions				
Project emissions during the period p	n/a	0.0	tCO <sub>2</sub> /p	PEp

The reference CO <sub>2</sub> emission factor of the grid and	0.533	tCO <sub>2</sub> /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)	<b>(j)</b>	(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
2018/01/01- 2018/12/31	(1)	$\Sigma EG_{i,p}$	The total quantity of the electricity generated in the project during the period <i>p</i>	531.29	MWh/p	(Contion (C	Measured data	laccuracy standards (I) 2 class (I) 2% accuracy)). The electricity meter will maintain	Monthly	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	<b>(f)</b>
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
F F D C	The reference CO <sub>2</sub> emission factor of grid and captive electricity	0.533	tCO <sub>2</sub> /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 CO<sub>2</sub> emission reductions

Monitoring Period	CO <sub>2</sub> emission reductions	Units
2018/01/01-2018/12/31	283	tCO <sub>2</sub> /p

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)				

	Reference Number: PW003					
i	i EG <sub>i,p</sub>					
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>					
Hamboi						
	MWh/p					
1	311.57					
2	101.29					
3	118.43					
4						
5						
6 7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45 46						
46						
48						
48						
49						

50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
01	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83 84	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	
100	

# 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	283.2	tCO <sub>2</sub> /p	ER <sub>p</sub>
2. Selected default values, etc.				
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	283.2	tCO <sub>2</sub> /p	RE <sub>p</sub>
The total quantity of the electricity generated in the project during the period <i>p</i>	Electricity	531.29	MWh/p	ΣEG <sub>i,p</sub>
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
4. Calculations of the project emissions				
Project emissions during the period p	n/a	0.0	tCO <sub>2</sub> /p	PEp

The reference CO <sub>2</sub> emission factor of the grid and	0.533	tCO <sub>2</sub> /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 <sub>i,p</sub>	The total quantity of the electricity generated in the project during the period <i>p</i>	551.51	MWh/p	Option C	Measured data	Taccliracy standards (1) 7 class (1) 7% accliracy)). The electricity meter will maintain	Monthly	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	<b>(f)</b>
Parameters	Description of data	Estimated Values	Units	Source of data	Other comments
F F D C	The reference CO <sub>2</sub> emission factor of grid and captive electricity	0.533	tCO <sub>2</sub> /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 CO<sub>2</sub> emission reductions

Monitoring Period	CO <sub>2</sub> emission reductions	Units
2019/01/01-2019/12/31	293	tCO <sub>2</sub> /p

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 <sub>i,p</sub>
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
1	329.49
2	99.69
3	122.33
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26 27	
28	
29 30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
<u>4</u> 9	

50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
01	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83 84	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	
100	

# 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	294.0	tCO <sub>2</sub> /p	ER <sub>p</sub>
2. Selected default values, etc.				
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	294.0	tCO <sub>2</sub> /p	REp
The total quantity of the electricity generated in the project during the period <i>p</i>	Electricity	551.51	MWh/p	ΣEG <sub>i,p</sub>
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
4. Calculations of the project emissions				
Project emissions during the period p	n/a	0.0	tCO <sub>2</sub> /p	PEp

The reference CO <sub>2</sub> emission factor of the grid and	0 533	tCO <sub>2</sub> /MWh
captive electricity	0.555	1002/10/07/1

## Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	<b>(j)</b>	(k)
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Units   Measurement methods and procedures   Measurement methods and procedures		Monitoring frequency	Other comments	
2020/01/01- 2020/12/31	(1)	ΣEG <sub>i,p</sub>	The total quantity of the electricity generated in the project during the period <i>p</i>	517.20	MWh/p	()ntion (;	Measured data	Taccliracy standards (1) 7 class (1) 7% accliracy()). The electricity meter will maintain	Monthly	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	(f)
Parameters	Description of data	Estimated Values	Units	Jnits Source of data	
FFDE	The reference CO <sub>2</sub> emission factor of grid and captive electricity	0.533	tCO <sub>2</sub> /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 CO<sub>2</sub> emission reductions

Monitoring Period	CO <sub>2</sub> emission reductions	Units	
2020/01/01-2020/12/31	275	tCO <sub>2</sub> /p	

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)

	Reference Number: PW003
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>
Hambon	
	MWh/p
1	304.94
2	94.06
3	118.20
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
36	
38	
39	
40	
41	
41	
43	
44	
45	
46	
47	
48	
49	
<b>4</b> 3	

50 51 52 53 54 55 56 57 58	
52 53 54 55 55 56 57 58	
53 54 55 56 57 58	
53 54 55 56 57 58	
54 55 56 57 58	
55 56 57 58	
56 57 58	
57 58	
58	
00	
59	
60	
61	_
62	_
62	
63	
64	_
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83 84	
84	
85	
86	
87	
88	
89	
90	
91	
92	
92	
93	_
94	_
95	
96	
97	
98	
99	
100	

# Monitoring Report Sheet (Calculation Process Sheet) [For Verification]

1. Calculations for emission reductions	Fuel type	Value	Units	Parameter
Emission reductions during the period p	n/a	275.7	tCO <sub>2</sub> /p	ER <sub>p</sub>
2. Selected default values, etc.				
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
3. Calculations for reference emissions				
Reference emissions during the period <i>p</i>	n/a	275.7	tCO <sub>2</sub> /p	REp
The total quantity of the electricity generated in the project during the period <i>p</i>	Electricity	517.20	MWh/p	ΣEG <sub>i,p</sub>
The reference CO <sub>2</sub> emission factor of the grid and captive electricity	Electricity	0.533	tCO <sub>2</sub> /MWh	EF <sub>RE</sub>
4. Calculations of the project emissions				
Project emissions during the period p	n/a	0.0	tCO <sub>2</sub> /p	PEp

The reference CO <sub>2</sub> emission factor of the grid and	0.533	tCO <sub>2</sub> /MWh
captive electricity	0.555	