Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitorin g period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
01/08/201 7- 31/12/201 7		EG _{i,p}	Quantity of the electricity generated by the project solar PV system <i>i</i> during the period <i>p</i>	6,082	MWh/p	Option C	Measured data	AC output of the inverters is measured to determine the amount of net electricity generation by the solar PV system. The reading is taken from an electricity meter. The reading is taken electronically using the SCADA system or manual recording when electronic recording is not available. The electricity meter used is certified for the assurance of electricity measurements by the relevant Mongolian government department or manufacturer's test report. The electricity meter's accuracy level is class 0.2S and it is attached with a calibration certificate that is valid from 27 February 2014 until 27 February 2022. It is to be calibrated every 8 years.	Monthly recording	Input on "MRS(input_s eparate)" sheet

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
FFor:	Reference CO ₂ emission factor for the project solar PV system <i>i</i>	-	tCO /M/M/h	EFREgrid, 0.797 tCO2/MWh is applied based on the applied methodology as the PV system in a proposed project activity which is connected to Central Electricity System, part of the national grid including through internal grid which is not connected to a captive power generator.	Input on "MPS(input_separate)" sheet

Table3: Ex-post calculation of CO₂ emission reductions

_	Monitoring Period	CO ₂ emission reductions	Units
	01/08/2017-31/12/2017	4,846	tCO ₂ /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)

	<u> </u>	Reference Number: MN004
	Parameters monitored ex post	Project-specific parameters fixed ex ante
i	EG _{i,p}	EF _{RE,i}
Solar PV	Quantity of the electricity generated by the	Reference CO ₂ emission factor for the project
system	project solar PV system <i>i</i> during the period <i>p</i>	solar PV system <i>i</i>
number	MWh/p	tCO ₂ /MWh
1	6,082	0.797
2		0.000
3		0.000
4		0.000
5		0.000
6		0.000
7		0.000
8		0.000
9		0.000
10		0.000
11		0.000
12		0.000
13		0.000
14		0.000
15		0.000
16		0.000
17		0.000
18		0.000
19		0.000
20		0.000
21		0.000
22		0.000
23		0.000
24		0.000
25		0.000
26		0.000
27		0.000
28		0.000
29		0.000
30		0.000
31		0.000
32		0.000
33		0.000
34		0.000
35		0.000
36		0.000
37		0.000
38		0.000
39		0.000
40		0.000
41 42		0.000
		0.000
43		0.000
44		0.000
45		0.000
46		0.000
47		0.000
48		0.000
49		0.000
50		0.000

51 0.0 52 0.0 53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 76 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 84 0.0 85 0.0
54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 78 0.0 79 0.0 81 0.0 84 0.0 85 0.0
55 0.0 56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 83 0.0 84 0.0 85 0.0
56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
60 61 0.0 0.0 62 0.0 0.0 0.0 63 0.0 0.0 64 0.0 0.0 65 0.0 0.0 66 0.0 0.0 66 0.0 0.0 66 0.0 0.0
61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
79 80 81 82 83 84 85
80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
82 0.0 83 0.0 84 0.0 85 0.0
83 0.0 84 0.0 85 0.0
84 0.0 85 0.0
85 0.0
96
87 0.0
88 0.0
89
90
91 0.0
92
93
94 0.0
95
96 0.0
97
98

Reference Number: MN004

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

1.	Calc	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Em	ission reductions during the period p	N/A	4846.95869	tCO ₂ /p	ER _p
2.	Sele	cted default values, etc.				
	The	e reference CO ₂ emission factor of electricity				
	ı	The reference CO ₂ emission factor based on the national grid	Mixed	0.797	tCO ₂ /MWh	EF _{RE,grid}
	ı	The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533	tCO ₂ /MWh	EF _{RE,cap}
3.	Calc	ulations for reference emissions				
	Ref	ference emissions during the period p	N/A	4846.95869	tCO ₂ /p	RE _p
4.	Calc	ulations of the project emissions				
	Pro	eject emissions during the period <i>p</i>	N/A	0	tCO ₂ /p	PEp

The reference CO_2 emission factor based on the national grid (CES, WES, AUES, EES, SES)	Mixed	0.797
The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitorin g period	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
01/01/201 8- 31/12/201 8	(1)	EG _{i,p}	Quantity of the electricity generated by the project solar PV system <i>i</i> during the period <i>p</i>	16,847	MWh/p	Option C	Measured data	AC output of the inverters is measured to determine the amount of net electricity generation by the solar PV system. The reading is taken from an electricity meter. The reading is taken electronically using the SCADA system or manual recording when electronic recording is not available. The electricity meter used is certified for the assurance of electricity measurements by the relevant Mongolian government department or manufacturer's test report. The electricity meter's accuracy level is class 0.2S and it is attached with a calibration certificate that is valid from 27 February 2014 until 27 February 2022. It is to be calibrated every 8 years.	Monthly recording	Input on "MRS(input_s eparate)" sheet

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
EF _{RE,i}	Reference CO ₂ emission factor for the project solar PV system <i>i</i>	-	tCO /M/M/h	EFREgrid, 0.797 tCO2/MWh is applied based on the applied methodology as the PV system in a proposed project activity which is connected to Central Electricity System, part of the national grid including through internal grid which is not connected to a captive power generator.	Input on "MPS(input_separate)" sheet

Table3: Ex-post calculation of CO₂ emission reductions

_	Monitoring Period	CO ₂ emission reductions	Units
	01/01/2018-31/12/2018	13,427	tCO ₂ /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)

2 3 4 5 6 7 8 9 10 11 0 12 13 14 0 15 16 17 18 19 20	797 000 000
Solar PV System number Project solar PV System number NWh/p Solar PV System i during the period p Solar PV system i during the period p Solar PV system i tCO2/MWh 1	797 000 000
System number Project solar PV system during the period Description Descri	797 000 000
number MWh/p tCO2/MWh 1 16,847 0 2 0 0 3 0 0 4 0 0 5 0 0 6 0 0 7 0 0 8 0 0 9 0 0 10 0 0 11 0 0 12 0 0 13 0 0 14 0 0 15 0 0 16 0 0 17 0 0 18 0 0 20 0 0	000
1 16,847 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20	000
1 16,847 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20	000
2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
4 0 5 0 6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	
6 0 7 0 8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
7 8 9 10 11 12 13 14 15 16 17 18 19 20	000
8 0 9 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
9 10 10 11 0 12 0 13 0 14 0 15 0 16 0 17 18 0 19 20	000
10 11 12 00 13 14 00 15 16 17 18 00 19 20	000
11 0 12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
12 0 13 0 14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
13 0 0 14 0 0 0 15 0 0 0 16 0 0 0 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000
14 0 15 0 16 0 17 0 18 0 19 0 20 0	000
15 0 16 0 17 0 18 0 19 0 20 0	000
16 0 17 0 18 0 19 0 20 0	000
17 0 18 0 19 0 20 0	000
18 0 19 0 20 0	000
19 20 0	000
20 0	000
20 21 0	000
21 0	000
	000
	000
23 0	000
	000
	000
26 0	000
	000
	000
29 0	000
	000
31 0	000
	000
	000
34 0	000
	000
	000
	000
	000
	000
40 0	000
41 0	000
	000
	000
	000
	000
	000
	000
	000
50	000

51 0.0 52 0.0 53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 76 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 84 0.0 85 0.0
54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 78 0.0 79 0.0 81 0.0 84 0.0 85 0.0
55 0.0 56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 83 0.0 84 0.0 85 0.0
56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
60 61 0.0 0.0 62 0.0 0.0 0.0 63 0.0 0.0 64 0.0 0.0 65 0.0 0.0 66 0.0 0.0 66 0.0 0.0 66 0.0 0.0
61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
79 80 81 82 83 84 85
80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
82 0.0 83 0.0 84 0.0 85 0.0
83 0.0 84 0.0 85 0.0
84 0.0 85 0.0
85 0.0
96
87 0.0
88 0.0
89
90
91 0.0
92
93
94 0.0
95
96 0.0
97
98

Reference Number: MN004

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

1.	Calc	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Em	ission reductions during the period p	N/A	13427.1515	tCO ₂ /p	ER _p
2.	Sele	cted default values, etc.				
	The	e reference CO ₂ emission factor of electricity				
		The reference CO ₂ emission factor based on the national grid	Mixed	0.797	tCO ₂ /MWh	EF _{RE,grid}
		The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533	tCO ₂ /MWh	EF _{RE,cap}
3.	Calc	ulations for reference emissions				
	Ref	ference emissions during the period p	N/A	13427.1515	tCO ₂ /p	RE _p
4.	Calc	ulations of the project emissions				
	Pro	eject emissions during the period <i>p</i>	N/A	0	tCO ₂ /p	PEp

The reference CO_2 emission factor based on the national grid (CES, WES, AUES, EES, SES)	Mixed	0.797
The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
01/01/201 9- 31/12/201 9	(1)	EG _{i,p}	Quantity of the electricity generated by the project solar PV system <i>i</i> during the period <i>p</i>	17,383	MWh/p	Option C	Measured data	AC output of the inverters is measured to determine the amount of net electricity generation by the solar PV system. The reading is taken from an electricity meter. The reading is taken electronically using the SCADA system or manual recording when electronic recording is not available. The electricity meter used is certified for the assurance of electricity measurements by the relevant Mongolian government department or manufacturer's test report. The electricity meter's accuracy level is class 0.2S and it is attached with a calibration certificate that is valid from 27 February 2014 until 27 February 2022. It is to be calibrated every 8 years.	Monthly recording	Input on "MRS(input_s eparate)" sheet

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
FF ₅ -	Reference CO ₂ emission factor for the project solar PV system <i>i</i>	-	tCO /MWh	EFREgrid, 0.797 tCO2/MWh is applied based on the applied methodology as the PV system in a proposed project activity which is connected to Central Electricity System, part of the national grid including through internal grid which is not connected to a captive power generator.	Input on "MPS(input_separate)" sheet

Table3: Ex-post calculation of CO₂ emission reductions

_	Monitoring Period	CO ₂ emission reductions	Units
	01/01/2019-31/12/2019	13,853	tCO ₂ /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)

Parameters monitored ex post EGips			Reference Number: MN004
Solar PV system number Project solar PV system i during the period p MWhip 17,383 0.797 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0			
System Institute Institu			
number MWh/p CO2/MWh 1 17,383 0,797 2 0,000 3 0,000 4 0,000 5 0,000 6 0,000 7 0,000 9 0,000 10 0,000 11 0,000 12 0,000 13 0,000 14 0,000 15 0,000 16 0,000 17 0,000 18 0,000 19 0,000 20 0,000 21 0,000 22 0,000 23 0,000 24 0,000 25 0,000 26 0,000 27 0,000 28 0,000 30 0,000 31 0,000 32 0,000 34 0,000	Solar PV	Quantity of the electricity generated by the	Reference CO ₂ emission factor for the project
number MWh/p CO2/MWh 1 17,383 0,797 2 0,000 3 0,000 4 0,000 5 0,000 6 0,000 7 0,000 9 0,000 10 0,000 11 0,000 12 0,000 13 0,000 14 0,000 15 0,000 16 0,000 17 0,000 18 0,000 19 0,000 20 0,000 21 0,000 22 0,000 23 0,000 24 0,000 25 0,000 26 0,000 27 0,000 28 0,000 30 0,000 31 0,000 32 0,000 34 0,000	system	project solar PV system <i>i</i> during the period <i>p</i>	solar PV system <i>i</i>
1 17,383 0.797 2 0.000 3 0.000 4 0.000 5 0.000 6 0.000 7 0.000 8 0.000 9 0.000 11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.00			
2		17.383	
3	2	11,550	
4 0.000 5 0.000 6 0.000 7 0.000 8 0.000 10 0.000 11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000			0.000
5 0.000 6 0.000 7 0.000 8 0.000 9 0.000 10 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 40 0.000 41 0.000 42 0.000			
6	5		
7			
8 0.000 9 0.000 10 0.000 11 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000			0.000
9			0.000
10			0.000
11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 </td <td>10</td> <td></td> <td></td>	10		
12			0.000
13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 47 0.000 48 0.000	12		
14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 45 0.000 46 0.000 49 0.000			
15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 45 0.000 47 0.000 48 0.000 49 0.000	14		0.000
16 0.000 17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 47 0.000 48 0.000 49 0.000			
17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	17		0.000
19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000			
20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000	19		0.000
21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000			
22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	22		
24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	24		
26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	25		0.000
27 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 43 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	27		
29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	28		0.000
30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	29		0.000
31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	30		0.000
32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	31		0.000
33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	32		0.000
35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	33		0.000
35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	34		0.000
36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	35		0.000
37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	36		0.000
38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	37		0.000
39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	38		0.000
40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	39		0.000
41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	41		0.000
43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	43		0.000
45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	44		0.000
46 0.000 47 0.000 48 0.000 49 0.000			
47 0.000 48 0.000 49 0.000	46		0.000
48 0.000 49 0.000	47		0.000
49 0.000	48		
50 0.000	49		0.000
	50		0.000

51 0.0 52 0.0 53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 76 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 84 0.0 85 0.0
54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 78 0.0 79 0.0 81 0.0 84 0.0 85 0.0
55 0.0 56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 83 0.0 84 0.0 85 0.0
56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
60 61 0.0 0.0 62 0.0 0.0 0.0 63 0.0 0.0 64 0.0 0.0 65 0.0 0.0 66 0.0 0.0 66 0.0 0.0 66 0.0 0.0
61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
79 80 81 82 83 84 85
80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
82 0.0 83 0.0 84 0.0 85 0.0
83 0.0 84 0.0 85 0.0
84 0.0 85 0.0
85 0.0
96
87 0.0
88 0.0
89
90
91 0.0
92
93
94 0.0
95
96 0.0
97
98

Reference Number: MN004

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

1. (Calc	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Em	ission reductions during the period p	N/A	13853.929	tCO ₂ /p	ER _p
2. 9	Sele	cted default values, etc.				
	The	e reference CO ₂ emission factor of electricity				
		The reference CO ₂ emission factor based on the national grid	Mixed	0.797	tCO ₂ /MWh	EF _{RE,grid}
		The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533	tCO ₂ /MWh	EF _{RE,cap}
3. (Calc	ulations for reference emissions				
	Ref	ference emissions during the period p	N/A	13853.929	tCO ₂ /p	RE _p
4. (Calc	ulations of the project emissions				
	Pro	eject emissions during the period p	N/A	0	tCO ₂ /p	PEp

The reference CO_2 emission factor based on the national grid (CES, WES, AUES, EES, SES)	Mixed	0.797
The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533

Table 1: Parameters monitored ex post

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
	Monitoring point No.	Parameters	Description of data	Monitored Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
01/01/202 0- 31/12/202 0	(1)	EG _{i,p}	Quantity of the electricity generated by the project solar PV system <i>i</i> during the period <i>p</i>	15,924	MWh/p	Option C	Measured data	AC output of the inverters is measured to determine the amount of net electricity generation by the solar PV system. The reading is taken from an electricity meter. The reading is taken electronically using the SCADA system or manual recording when electronic recording is not available. The electricity meter used is certified for the assurance of electricity measurements by the relevant Mongolian government department or manufacturer's test report. The electricity meter's accuracy level is class 0.2S and it is attached with a calibration certificate that is valid from 27 February 2014 until 27 February 2022. It is to be calibrated every 8 years.	Monthly recording	Input on "MRS(input_s eparate)" sheet

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
FF ₅ -	Reference CO ₂ emission factor for the project solar PV system <i>i</i>	-	tCO ₂ /MWh	EFREgrid, 0.797 tCO2/MWh is applied based on the applied methodology as the PV system in a proposed project activity which is connected to Central Electricity System, part of the national grid including through internal grid which is not connected to a captive power generator.	Input on "MPS(input_separate)" sheet

Table3: Ex-post calculation of CO₂ emission reductions

_	Monitoring Period	CO ₂ emission reductions	Units
	01/01/2020-31/12/2020	12,691	tCO ₂ /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)

Parameters monitored ex post EGips			Reference Number: MN004
Solar PV system number Project solar PV system i during the period p MWhip 15,924 0.797 0.000 0.			
System Institute Institu			
number MWh/p ICO2/MWh 1 15,924 0,797 2 0,000 3 0,000 4 0,000 5 0,000 6 0,000 7 0,000 9 0,000 10 0,000 11 0,000 12 0,000 13 0,000 14 0,000 15 0,000 16 0,000 17 0,000 18 0,000 19 0,000 20 0,000 21 0,000 22 0,000 23 0,000 24 0,000 25 0,000 26 0,000 27 0,000 28 0,000 29 0,000 30 0,000 31 0,000 32 0,000	Solar PV	Quantity of the electricity generated by the	Reference CO ₂ emission factor for the project
number MWh/p ICO2/MWh 1 15,924 0,797 2 0,000 3 0,000 4 0,000 5 0,000 6 0,000 7 0,000 9 0,000 10 0,000 11 0,000 12 0,000 13 0,000 14 0,000 15 0,000 16 0,000 17 0,000 18 0,000 19 0,000 20 0,000 21 0,000 22 0,000 23 0,000 24 0,000 25 0,000 26 0,000 27 0,000 28 0,000 29 0,000 30 0,000 31 0,000 32 0,000	system	project solar PV system <i>i</i> during the period <i>p</i>	solar PV system <i>i</i>
1 15,924 0.797 2 0.000 3 0.000 4 0.000 5 0.000 6 0.000 7 0.000 9 0.000 10 0.000 11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.0			
2			
3	2	12,722	
4 0.000 5 0.000 6 0.000 7 0.000 8 0.000 10 0.000 11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000			0.000
5 0.000 6 0.000 7 0.000 8 0.000 9 0.000 10 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 40 0.000 41 0.000 42 0.000			
6	5		
7			
8 0.000 9 0.000 10 0.000 11 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000			0.000
9			0.000
10			0.000
11 0.000 12 0.000 13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 </td <td>10</td> <td></td> <td></td>	10		
12			0.000
13 0.000 14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 47 0.000 48 0.000	12		
14 0.000 15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 45 0.000 46 0.000 49 0.000			
15 0.000 16 0.000 17 0.000 18 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 45 0.000 47 0.000 48 0.000 49 0.000	14		0.000
16 0.000 17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 29 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 47 0.000 48 0.000 49 0.000			
17 0.000 18 0.000 19 0.000 20 0.000 21 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
18 0.000 19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	17		0.000
19 0.000 20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000			
20 0.000 21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000	19		0.000
21 0.000 22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 49 0.000			
22 0.000 23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
23 0.000 24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	22		
24 0.000 25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
25 0.000 26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	24		
26 0.000 27 0.000 28 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	25		0.000
27 0.000 28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			
28 0.000 29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 43 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	27		
29 0.000 30 0.000 31 0.000 32 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	28		0.000
30 0.000 31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	29		0.000
31 0.000 32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	30		0.000
32 0.000 33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
33 0.000 34 0.000 35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	32		0.000
35 0.000 36 0.000 37 0.000 38 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	33		0.000
36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	34		0.000
36 0.000 37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	35		0.000
37 0.000 38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	36		0.000
38 0.000 39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	37		0.000
39 0.000 40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	38		0.000
40 0.000 41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	39		0.000
41 0.000 42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
42 0.000 43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	41		0.000
43 0.000 44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000			0.000
44 0.000 45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	43		0.000
45 0.000 46 0.000 47 0.000 48 0.000 49 0.000	44		0.000
46 0.000 47 0.000 48 0.000 49 0.000			
47 0.000 48 0.000 49 0.000	46		0.000
48 0.000 49 0.000	47		0.000
49 0.000	48		
50 0.000	49		0.000
	50		0.000

51 0.0 52 0.0 53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 76 0.0 79 0.0 80 0.0 81 0.0 84 0.0 85 0.0
53 0.0 54 0.0 55 0.0 56 0.0 57 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 72 0.0 73 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
54 0.0 55 0.0 56 0.0 57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 84 0.0 85 0.0
55 0.0 56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 79 0.0 80 0.0 81 0.0 83 0.0 84 0.0 85 0.0
56 0.0 57 0.0 58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
57 0.0 58 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
58 0.0 59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
59 0.0 60 0.0 61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 84 0.0 85 0.0
60 61 0.0 0.0 62 0.0 0.0 63 0.0 0.0 64 0.0 0.0 65 0.0 0.0 66 0.0 0.0 66 0.0 0.0 66 0.0 0.0
61 0.0 62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
62 0.0 63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
63 0.0 64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
64 0.0 65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
65 0.0 66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
66 0.0 67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
67 0.0 68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
68 0.0 69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
69 0.0 70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
70 0.0 71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
71 0.0 72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
72 0.0 73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
73 0.0 74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
74 0.0 75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
75 0.0 76 0.0 77 0.0 78 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
76 0.0 77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
77 0.0 78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
78 0.0 79 0.0 80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
79 80 81 82 83 84 85
80 0.0 81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
81 0.0 82 0.0 83 0.0 84 0.0 85 0.0
82 0.0 83 0.0 84 0.0 85 0.0
83 0.0 84 0.0 85 0.0
84 0.0 85 0.0
85 0.0
86 0.0
0.0
87 0.0
88 0.0
89
90 0.0
91 0.0
92
93
94 0.0
95
96 0.0
97
98

Reference Number: MN004

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

1.	Calc	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Em	ission reductions during the period p	N/A	12691.4949	tCO ₂ /p	ER _p
2.	Sele	cted default values, etc.				
	The	e reference CO ₂ emission factor of electricity				
		The reference CO ₂ emission factor based on the national grid	Mixed	0.797	tCO ₂ /MWh	EF _{RE,grid}
		The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533	tCO ₂ /MWh	EF _{RE,cap}
3.	Calc	ulations for reference emissions				
	Ref	ference emissions during the period p	N/A	12691.4949	tCO ₂ /p	RE _p
4.	Calc	ulations of the project emissions				
	Pro	eject emissions during the period <i>p</i>	N/A	0	tCO ₂ /p	PEp

•		
The reference CO_2 emission factor based on the national grid (CES, WES, AUES, EES, SES)	Mixed	0.797
The reference CO ₂ emission factor based on the captive power generator	Diesel	0.533