Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

	neters monitore	·	(d)	(0)	/f \	(a)	(b)		(i)	(k)
(a) Monitoring period	(b) Monitoring point No.	(c) Parameters	(d) Description of data	(e) Monitered Values	(f) Units	(g) Monitoring option	(h) Source of data	(i) Measurement methods and procedures	(j) Monitoring frequency	(k) Other comments
1/12/2018~ 31/12/2018	1	$EC_{PJ,i,outdoor,p}$	Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	-	MWh/p	Option C	Monitored data	 Measuring equipment is installed in each outdoor unit of air conditioning system to measure power consumption. Measured data is automatically transmitted to the server for recording. data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data. in case a calibration certificate issued by an entity accredited under national/international standards is not provided, such Measuring equipment is required to be calibrated. 	Continuously	Monitored values are input on "MRS(input _each system)" sheet
1/12/2018~31/12/2018	2	EC _{PJ,indoor,p}	Total electricity consumption of indoor units of project air conditioning system during the period <i>p</i>	8.05	MWh/p	Option C	1	[Method 3: Estimation based on operating hours of outdoor unit] - Power consumption of indoor units is estimated from rated power consumption of indoor unit and operating hours of connected outdoor unit with the following equation: ECP_JJ,indoor,p = RPCP_JJ,indoor × Hp_J,ioutdoor,p RPCP_JJ,indoor: Total rated power consumption of indoor unit connected outdoor unit <i>i</i> - Measuring equipment is installed in each outdoor unit to monitor operating hours Measured data is automatically transmitted to the server for recording Data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data.	Continuously	n/a

Table 2: Project-specific parameters fixed ex ante

(a)	(b)	(c)	(d)	(e)	(f)
Parameters	Description of data	Description of data Estimated Values Units Sour		Source of data	Other comments
EF _{elec}	CO ₂ emission factor for consumed electricity. When captive power generation is not available at the project site, then the most recent Vietnamese national grid emission factor [EF _{grid}] available at the time of validation is applied as [EF _{elec}] and fixed for the monitoring period thereafter. When captive power generation is available at the project site, then [EF _{elec}] is conservatively selected as below and fixed for the monitoring period thereafter: EF _{elec} = min(EF _{grid} , EF _{captive}) EF _{captive} = 0.8 tCO ₂ /MWh* *The most recent emission factor available from CDM approved small scale methodology AMS-I.A at the time of validation is applied.		tCO₂/MWh	[EFgrid] Ministry of Natural Resources and Environment of Vietnam (MONRE), Vietnamese DNA for CDM unless otherwise instructed by the Joint Committee. [EFcaptive] CDM approved small scale methodology: AMS-I.A	n/a
COP _{PJ,i,outdoor}	COP of outdoor unit of project air conditioning system <i>i</i> (Outdoor unit)	-	-	Specifications of project air conditioning system for the quotation or factory acceptance test data by manufacturer.	Values are input on "MPS(input_each system)" sheet
COP _{RE,i}	COP of reference air conditioning system (Outdoor Unit + Indoor Unit)		-	Nominal value available on product catalogs, specification documents or websites, hearing survey. The default values are derived from the result of survey on COP of air conditioning system with non-inverter from manufacturers that have high market share. The default values should be revised if necessary from survey result which is conducted by JC or project participants every three years. The survey should prove the use of clear methodology.	"MPS(Input_each system)"

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
1/12/2018~31/12/2018	-1	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)

					Reference Number: VN009			
		Parameters monitored <i>ex post</i>	Project-spe	ecific paramete <i>ant</i> e	Ex-post calculation of emissions			
Parameters	i	EC _{PJ,i,outdoor,p}	COP _{PJ,i,outdoor}	COP _{RE,i}	EF _{elec}	RE _{i,p}	PE _{i,outdoor,p}	
Description of data	Identificati on number of air conditionin g system	Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	COP of outdoor unit of project air conditioning system <i>i</i>	COP of reference air conditioning system <i>i</i>	CO ₂ emission factor for consumed electricity	Reference emissions by air conditioning system <i>i</i> during the period <i>p</i>	Project emissions by outdoor unit air conditioning system <i>i</i> during the period <i>p</i>	
Units	-	MWh/p	-		tCO ₂ /MWh	tCO ₂ /p	tCO ₂ /p	
	1	0.32	4.35	2.91	0.815	0.4	0.3	
	2	5.94	3.38	2.56	0.815	6.4	4.8	
	3		4.40	2.94	0.815	1.0	0.7	
	4		3.38	2.56	0.815	2.1	1.6	
	5		4.30	2.91	0.815	0.3	0.2	
	6			2.91	0.815	0.1	0.1	
	7			2.94	0.815	0.4	0.2	
	<u>8</u>		3.92 0.00	2.56 0.00	0.815 0.815	6.8	0.0	
	10		0.00	0.00	0.815	0.0	0.0	
	11		0.00	0.00	0.815	0.0	0.0	
	12		0.00	0.00	0.815	0.0	0.0	
	13		0.00	0.00	0.815	0.0	0.0	
	14		0.00	0.00	0.815	0.0	0.0	
	15		0.00	0.00	0.815	0.0	0.0	
	16		0.00	0.00	0.815	0.0	0.0	
	17		0.00	0.00	0.815	0.0	0.0	
	18		0.00	0.00	0.815	0.0	0.0	
	19 20		0.00	0.00	0.815	0.0	0.0	
	20		0.00	0.00	0.815 0.815	0.0	0.0	
	21		0.00	0.00	0.815	0.0	0.0	
	23		0.00	0.00	0.815	0.0	0.0	
	24		0.00	0.00	0.815	0.0	0.0	
	25		0.00	0.00	0.815	0.0	0.0	
Monitored	26		0.00	0.00	0.815	0.0	0.0	
values	27		0.00	0.00	0.815	0.0	0.0	
	28		0.00	0.00	0.815	0.0	0.0	
	29		0.00	0.00	0.815	0.0	0.0	
	30		0.00	0.00	0.815	0.0	0.0	
	31		0.00	0.00	0.815	0.0	0.0	
	32 33		0.00	0.00	0.815 0.815	0.0	0.0	
	33		0.00	0.00	0.815	0.0	0.0	
	35		0.00	0.00	0.815	0.0	0.0	
	36		0.00	0.00	0.815	0.0	0.0	
	37		0.00	0.00	0.815	0.0	0.0	
	38		0.00	0.00	0.815	0.0	0.0	
	39		0.00	0.00	0.815	0.0	0.0	
	40		0.00	0.00	0.815	0.0	0.0	
	41		0.00	0.00	0.815	0.0	0.0	
	42		0.00	0.00	0.815	0.0	0.0	
	43		0.00	0.00	0.815	0.0	0.0	
	44		0.00	0.00	0.815	0.0	0.0	
	45		0.00	0.00	0.815	0.0	0.0	
	46 47		0.00	0.00	0.815 0.815	0.0	0.0	
	47		0.00	0.00	0.815	0.0	0.0	
	49		0.00	0.00	0.815	0.0	0.0	
	50		0.00	0.00	0.815	0.0	0.0	
			0.00	0.00	0.010	17.4	12.3	
	Total	<u> </u>	_	_	_	17.4	12.3	

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

1. C	alcı	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Emi	ission reductions during the period p	N/A	-1.5	tCO ₂ /p	ERp
2. S	elec	cted default values, etc.				
	CO	₂ emission factor for consumed electricity.	Electricity	0.815	-	EF _{elec}
	CO Unit	P of reference air conditioning system <i>i</i> (Outdoor Unit + Indoor t)	-	-	-	COP _{RE,i}
3. C	alcı	ulations for reference emissions				
	Ref	erence emissions during the period p	N/A	17.4	tCO ₂ /p	RE _p
		*Calculation for each air conditioning system is detailed in "MRS(input_each system)" sheet				
4. C	alcı	ulations of the project emissions				
	Pro	ject emissions during the period p	N/A	18.8	tCO ₂ /p	PEp
		Project emissions by outdoor unit	Electricity	12.3	tCO ₂ /p	PE _{outdoor,p}
		Project emissions by indoor unit	Electricity	6.6	tCO ₂ /p	PE _{indoor,p}
		Total electricity consumption of indoor units of project air conditioning system during the period p	Electricity	8.05	MWh/p	EC _{PJ,indoor,p}
		CO ₂ emission factor for consumed electricity	Electricity	0.815	tCO ₂ /MWh	EF _{elec}

[List of Default Values]

Project-specific parameters to be fixed ex ante	
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $14.0 \le x < 28.0 \text{kW}$)	2.97
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $28.0 \le x < 42.0kW$)	2.94
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $42.0 \le x < 56.0 \text{kW}$)	2.91
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $56.0 \le x$)	2.56

Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

	neters monitore									1
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitered Values	Units	Monitoring option	Source of data	Measurement methods and procedures	Monitoring frequency	Other comments
1/1/2019 ~ 31/12/2019	1		Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	-	MWh/p	Option C	Monitored data	 Measuring equipment is installed in each outdoor unit of air conditioning system to measure power consumption. Measured data is automatically transmitted to the server for recording. data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data. in case a calibration certificate issued by an entity accredited under national/international standards is not provided, such Measuring equipment is required to be calibrated. 	Continuously	Monitored values are input on "MRS(input _each system)" sheet
1/1/2019 ~ 31/12/2019	2	EC _{PJ,indoor,p}	Total electricity consumption of indoor units of project air conditioning system during the period <i>p</i>	99.61	MWh/p	Option C	1	[Method 3: Estimation based on operating hours of outdoor unit] - Power consumption of indoor units is estimated from rated power consumption of indoor unit and operating hours of connected outdoor unit with the following equation: ECP_JJ,indoor,p = RPCP_JJ,indoor × HpJ,i,outdoor,p RPCP_JJ,indoor: Total rated power consumption of indoor unit connected outdoor unit i HpJ,i,outdoor,p: Operating hours of outdoor unit i - Measuring equipment is installed in each outdoor unit to monitor operating hours Measured data is automatically transmitted to the server for recording Data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data.		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
EF _{elec}	CO $_2$ emission factor for consumed electricity. When captive power generation is not available at the project site, then the most recent Vietnamese national grid emission factor [EF $_{grid}$] available at the time of validation is applied as [EF $_{elec}$] and fixed for the monitoring period thereafter. When captive power generation is available at the project site, then [EF $_{elec}$] is conservatively selected as below and fixed for the monitoring period thereafter: EF $_{elec}$ = min(EF $_{grid}$, EF $_{captive}$) EF $_{captive}$ = 0.8 tCO $_2$ /MWh* *The most recent emission factor available from CDM approved small scale methodology AMS-I.A at the time of validation is applied.		tCO ₂ /MWh	[EFgrid] Ministry of Natural Resources and Environment of Vietnam (MONRE), Vietnamese DNA for CDM unless otherwise instructed by the Joint Committee. [EFcaptive] CDM approved small scale methodology: AMS-I.A	n/a
COP _{PJ,i,outdoor}	COP of outdoor unit of project air conditioning system <i>i</i> (Outdoor unit)	-	-	Specifications of project air conditioning system for the quotation or factory acceptance test data by manufacturer.	Values are input on "MPS(input_each system)" sheet
COP _{RE,i}	COP of reference air conditioning system <i>i</i> (Outdoor Unit + Indoor Unit)		-	Nominal value available on product catalogs, specification documents or websites, hearing survey. The default values are derived from the result of survey on COP of air conditioning system with non-inverter from manufacturers that have high market share. The default values should be revised if necessary from survey result which is conducted by JC or project participants every three years. The survey should prove the use of clear methodology.	"MPS(Input_each system)"

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
1/1/2019~31/12/2019	29	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)

	Reference N							
		Parameters monitored <i>ex post</i>	Project-specific parameters fixed ex ante		Ex-post calculation of emissions			
Parameters	i	EC _{PJ,i,outdoor,p}	COP _{PJ,i,outdoor}	COP _{RE,i}	EF _{elec}	RE _{i,p}	PE _{i,outdoor,p}	
Description of data	Identificati on number of air conditionin g system	Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	COP of outdoor unit of project air conditioning system <i>i</i>	COP of reference air conditioning system <i>i</i>	CO ₂ emission factor for consumed electricity	Reference emissions by air conditioning system <i>i</i> during the period <i>p</i>	Project emissions by outdoor unit air conditioning system <i>i</i> during the period <i>p</i>	
Units	-	MWh/p	-		tCO ₂ /MWh	tCO ₂ /p	tCO ₂ /p	
	1		4.35	2.91	0.815	10.1	6.7	
	2	89.85	3.38	2.56	0.815	96.7	73.3	
	3		4.40	2.94	0.815	21.1	14.1	
	4		3.38	2.56	0.815	86.7	65.7	
	5 6		4.30 4.30	2.91 2.91	0.815 0.815	13.8 13.3	9.3	
	7	5.90		2.91	0.815	7.2	4.8	
	8		3.92	2.56	0.815	128.3	83.8	
	9		0.00	0.00	0.815	0.0	0.0	
	10		0.00	0.00	0.815	0.0	0.0	
	11		0.00	0.00	0.815	0.0	0.0	
	12		0.00	0.00	0.815	0.0	0.0	
	13		0.00	0.00	0.815	0.0	0.0	
	14		0.00	0.00	0.815	0.0	0.0	
	15		0.00	0.00	0.815	0.0	0.0	
	16 17		0.00	0.00	0.815 0.815	0.0	0.0	
	18		0.00	0.00	0.815	0.0	0.0	
	19		0.00	0.00	0.815	0.0	0.0	
	20		0.00	0.00	0.815	0.0	0.0	
	21		0.00	0.00	0.815	0.0	0.0	
	22		0.00	0.00	0.815	0.0	0.0	
	23		0.00	0.00	0.815	0.0	0.0	
	24		0.00	0.00	0.815	0.0	0.0	
Monitored	25		0.00	0.00	0.815	0.0	0.0	
values	26		0.00	0.00	0.815	0.0	0.0	
raidoo	27 28		0.00	0.00	0.815 0.815	0.0	0.0	
	29		0.00	0.00	0.815	0.0	0.0	
	30		0.00	0.00	0.815	0.0	0.0	
	31		0.00	0.00	0.815	0.0	0.0	
	32		0.00	0.00	0.815	0.0	0.0	
	33		0.00	0.00	0.815	0.0	0.0	
	34		0.00	0.00	0.815	0.0	0.0	
	35		0.00	0.00	0.815	0.0	0.0	
	36 37		0.00	0.00	0.815	0.0	0.0	
	37		0.00	0.00	0.815 0.815	0.0	0.0	
	39		0.00	0.00	0.815	0.0	0.0	
	40		0.00	0.00	0.815	0.0	0.0	
	41		0.00	0.00	0.815	0.0	0.0	
	42		0.00	0.00	0.815	0.0	0.0	
	43		0.00	0.00	0.815	0.0	0.0	
	44		0.00	0.00	0.815	0.0	0.0	
	45		0.00	0.00	0.815	0.0	0.0	
	46		0.00	0.00	0.815	0.0	0.0	
	47		0.00	0.00	0.815	0.0	0.0	
	48 49		0.00	0.00	0.815 0.815	0.0	0.0	
	50		0.00	0.00	0.815	0.0	0.0	
			0.00	0.00	0.013			
	Total	_	_	_	_	377.2	266.7	

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

1. 0	alcı	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Emi	ission reductions during the period p	N/A	29.3	tCO ₂ /p	ERp
2. S	2. Selected default values, etc.					
	CO	₂ emission factor for consumed electricity.	Electricity	0.815	-	EF _{elec}
	CO Uni	P of reference air conditioning system <i>i</i> (Outdoor Unit + Indoor t)	-	-	-	COP _{RE,i}
3. C	alcı	ulations for reference emissions				
	Ref	erence emissions during the period p	N/A	377.2	tCO ₂ /p	REp
		*Calculation for each air conditioning system is detailed in "MRS(input_each system)" sheet				
4. C	alcı	ulations of the project emissions				
	Pro	ject emissions during the period p	N/A	347.9	tCO ₂ /p	PEp
		Project emissions by outdoor unit	Electricity	266.7	tCO ₂ /p	PE _{outdoor,p}
		Project emissions by indoor unit	Electricity	81.2	tCO ₂ /p	PE _{indoor,p}
		Total electricity consumption of indoor units of project air conditioning system during the period p	Electricity	99.61	MWh/p	$EC_{PJ,indoor,p}$
		CO ₂ emission factor for consumed electricity	Electricity	0.815	tCO ₂ /MWh	EF _{elec}

[List of Default Values]

Project-specific parameters to be fixed ex ante	
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $14.0 \le x < 28.0 \text{kW}$)	2.97
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $28.0 \le x < 42.0kW$)	2.94
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $42.0 \le x < 56.0 \text{kW}$)	2.91
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $56.0 \le x$)	2.56

Monitoring Report Sheet (Input Sheet) [For Verification]

Table 1: Parameters monitored ex post

(a)	(b)	nonitored <i>ex post</i> b) (c) (d) (e) (f) (g) (h) (i)						(j)	(k)	
Monitoring period	Monitoring point No.	Parameters	Description of data	Monitered Values	Units	Monitoring option	i 		Monitoring frequency	Other comments
1/1/2020 ~ 31/12/2020	1	$EC_{PJ,i,outdoor,p}$	Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	-	MWh/p	Option C	Monitored data	 Measuring equipment is installed in each outdoor unit of air conditioning system to measure power consumption. Measured data is automatically transmitted to the server for recording. data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data. in case a calibration certificate issued by an entity accredited under national/international standards is not provided, such Measuring equipment is required to be calibrated. 	Continuously	Monitored values are input on "MRS(input _each system)" sheet
1/1/2020 ~ 31/12/2020	2	EC _{PJ,indoor,p}	Total electricity consumption of indoor units of project air conditioning system during the period <i>p</i>	72.27	MWh/p	Option C	1	[Method 3: Estimation based on operating hours of outdoor unit] - Power consumption of indoor units is estimated from rated power consumption of indoor unit and operating hours of connected outdoor unit with the following equation: ECP_JJ,indoor.P = RPCP_JJ,indoor × HPJ,i,outdoor.P RPCP_JJ,indoor: Total rated power consumption of indoor unit connected outdoor unit <i>i</i> - Measuring equipment is installed in each outdoor unit to monitor operating hours Measured data is automatically transmitted to the server for recording Data recorded in the server is reported and double-checked by a responsible staff on a monthly basis to prevent missing data.		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
EF _{elec}	When captive power generation is available at the project site, then [EF _{elec}] is conservatively selected as below and fixed		[EFgrid] Ministry of Natural Resources and Environment of Vietnam (MONRE), Vietnamese DNA for CDM unless otherwise instructed by the Joint Committee. [EFcaptive] CDM approved small scale methodology: AMS-I.A	n/a	
COP _{PJ,i,outdoor}	COP of outdoor unit of project air conditioning system <i>i</i> (Outdoor unit)	-	-	Specifications of project air conditioning system for the quotation or factory acceptance test data by manufacturer.	Values are input on "MPS(input_each system)" sheet
COP _{RE,i}	COP of reference air conditioning system <i>i</i> (Outdoor Unit + Indoor Unit)	-	-	Nominal value available on product catalogs, specification documents or websites, hearing survey. The default values are derived from the result of survey on COP of air conditioning system with non-inverter from manufacturers that have high market share. The default values should be revised if necessary from survey result which is conducted by JC or project participants every three years. The survey should prove the use of clear methodology.	"MPS(Input_each system)"

Table3: Ex-post calculation of CO₂ emission reductions

Monitoring Period	CO ₂ emission reductions	Units
1/1/2020~31/12/2020	39	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)

Reference Number: \									
		Parameters monitored <i>ex post</i>	Project-spe	ecific paramete <i>ant</i> e	Ex-post calculation of emissions				
Parameters	i	EC _{PJ,i,outdoor,p}	COP _{PJ,i,outdoor}	COP _{RE,i}	EF _{elec}	RE _{i,p}	PE _{i,outdoor,p}		
Description of data	Identificati on number of air conditionin g system	Electricity consumption of outdoor unit of project air conditioning system <i>i</i> during the period <i>p</i>	COP of outdoor unit of project air conditioning system <i>i</i>	COP of reference air conditioning system <i>i</i>	CO ₂ emission factor for consumed electricity	Reference emissions by air conditioning system <i>i</i> during the period <i>p</i>	Project emissions by outdoor unit air conditioning system <i>i</i> during the period <i>p</i>		
Units	-	MWh/p	-		tCO ₂ /MWh	tCO ₂ /p	tCO ₂ /p		
	1		4.35	2.91	0.815	24.7	16.5		
	2	104.59	3.38	2.56	0.815	112.6	85.3		
	3		4.40	2.94	0.815	6.1	4.1		
	4		3.38	2.56	0.815	102.1	77.3		
	5			2.91	0.815	9.6	6.5		
	6 7			2.91 2.94	0.815 0.815	9.1	6.1 7.3		
	8		3.92	2.56	0.815	74.9	48.9		
	9		0.00	0.00	0.815	0.0	0.0		
	10		0.00	0.00	0.815	0.0	0.0		
	11		0.00	0.00	0.815	0.0	0.0		
	12		0.00	0.00	0.815	0.0	0.0		
	13		0.00	0.00	0.815	0.0	0.0		
	14		0.00	0.00	0.815	0.0	0.0		
	15		0.00	0.00	0.815	0.0	0.0		
	16 17		0.00	0.00	0.815	0.0	0.0		
	18		0.00	0.00	0.815 0.815	0.0	0.0		
	19		0.00	0.00	0.815	0.0	0.0		
	20		0.00	0.00	0.815	0.0	0.0		
	21		0.00	0.00	0.815	0.0	0.0		
	22		0.00	0.00	0.815	0.0	0.0		
	23		0.00	0.00	0.815	0.0	0.0		
	24		0.00	0.00	0.815	0.0	0.0		
Monitored	25		0.00	0.00	0.815	0.0	0.0		
values	26		0.00	0.00	0.815	0.0	0.0		
values	27		0.00	0.00	0.815	0.0	0.0		
	28 29		0.00	0.00	0.815	0.0	0.0		
	30		0.00	0.00	0.815 0.815	0.0	0.0		
	31		0.00	0.00	0.815	0.0	0.0		
	32		0.00	0.00	0.815	0.0	0.0		
	33		0.00	0.00	0.815	0.0	0.0		
	34		0.00	0.00	0.815	0.0	0.0		
	35		0.00	0.00	0.815	0.0	0.0		
	36		0.00	0.00	0.815	0.0	0.0		
	37		0.00	0.00	0.815	0.0	0.0		
	38 39		0.00	0.00	0.815 0.815	0.0	0.0		
	40		0.00	0.00	0.815	0.0	0.0		
	40		0.00	0.00	0.815	0.0	0.0		
	42		0.00	0.00	0.815	0.0	0.0		
	43		0.00	0.00	0.815	0.0	0.0		
	44		0.00	0.00	0.815	0.0	0.0		
	45		0.00	0.00	0.815	0.0	0.0		
	46		0.00	0.00	0.815	0.0	0.0		
	47		0.00	0.00	0.815	0.0	0.0		
	48		0.00	0.00	0.815	0.0	0.0		
	49		0.00	0.00	0.815	0.0	0.0		
	50		0.00	0.00	0.815	0.0	0.0		
	Total	-	-	-	-	350.0	252.1		

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

1. 0	alcı	ulations for emission reductions	Fuel type	Value	Units	Parameter
	Emi	ission reductions during the period p	N/A	39.0	tCO ₂ /p	ERp
2. 8	2. Selected default values, etc.					
	CO	₂ emission factor for consumed electricity.	Electricity	0.815	-	EF _{elec}
	CO Uni	P of reference air conditioning system <i>i</i> (Outdoor Unit + Indoor t)	-	-	-	COP _{RE,i}
3. C	alcı	ulations for reference emissions				
	Reference emissions during the period <i>p</i>			350.0	tCO ₂ /p	REp
		*Calculation for each air conditioning system is detailed in "MRS(input_each system)" sheet				
4. C	alcı	ulations of the project emissions				
	Pro	ject emissions during the period p	N/A	311.0	tCO ₂ /p	PEp
		Project emissions by outdoor unit	Electricity	252.1	tCO ₂ /p	PE _{outdoor,p}
		Project emissions by indoor unit	Electricity	58.9	tCO ₂ /p	PE _{indoor,p}
		Total electricity consumption of indoor units of project air conditioning system during the period p	Electricity	72.27	MWh/p	$EC_{PJ,indoor,p}$
		CO ₂ emission factor for consumed electricity	Electricity	0.815	tCO ₂ /MWh	EF _{elec}

[List of Default Values]

[======================================	
Project-specific parameters to be fixed ex ante	
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity 14.0 ≤ x < 28.0kW)	2.97
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $28.0 \le x < 42.0kW$)	2.94
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $42.0 \le x < 56.0 \text{kW}$)	2.91
COP of reference air conditioning system (Outdoor Unit + Indoor Unit) (Cooling capacity $56.0 \le x$)	2.56