Monitoring report form

(Version 05.1)

Complete this form in accordance with the Attachment "Instructions for filling out the monitoring report form" at the end of this form.

MONITORING REPORT		
Title of the project activity	5 MW Solar PV Power Project at NTPC-Dadri, a Business unit of NTPC limited	
UNFCCC reference number of the project activity	9392	
Version number of the monitoring report	4 .0	
Completion date of the monitoring report	22/12/2015	
Monitoring period number and duration of this monitoring period	Monitoring Period No-1 Duration: From 01/01/2013 To 31/03/2014 (first and last days included)	
Project participant(s)	NTPC Limited	
Host Party	India	
Sectoral scope(s)	Sectoral scope 1: Energy industries (renewable - / non-renewable sources).	
Selected methodology(ies)	Methodology : AMS-I.D. : Grid connected renewable electricity generation (version .17 EB 61)	
Selected standardized baseline(s)	Not Applicable	
Estimated amount of GHG emission reductions or net GHG removals by sinks for this monitoring period in the registered PDD	8,369 tCO_2e	
Total amount of GHG emission reductions or net GHG removals by sinks achieved in this monitoring period	GHG emission reductions or net GHG removals by sinks reported up to 31 December 2012	GHG emission reductions or net GHG removals by sinks reported from 1 January 2013 onwards
	0	5,842 tCO_2e

SECTION A. Description of project activity

A.1. Purpose and general description of project activity

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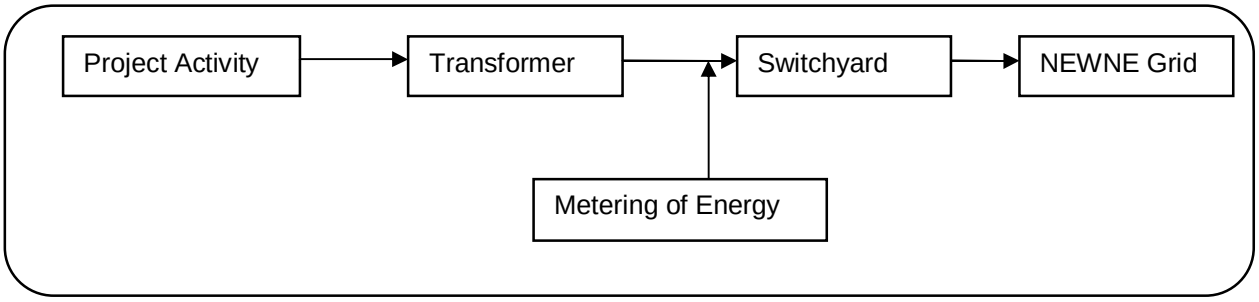
(a) Purpose of the project activity and the measures taken for GHG emission reductions or net GHG removals by sinks;

NTPC has commissioned 5 MW solar photo voltaic (PV) power plant at NTPC Dadri, Vidyut Nagar, Taluk-Dadri, District- Gautam Budh Nagar. The project activity is generating clean and green renewable power by utilising solar radiation available at site. The electricity generated from project activity is being supplied to NEWNE grid through regional grid. The project activity is a green initiative of NTPC Dadri.

The purpose of the project activity is generation of electricity using the solar energy which has no associated greenhouse gas emissions. The net electricity generation from the proposed project activity is 6,132.158 MWh for this monitoring period. Electricity generation is carried out without causing any negative impact on the environment and will support climate change mitigation as it leads to emission reductions of 5,842 t CO_2e for this verification period.

(b) Brief description of the installed technology and equipment;

The project activity installed PV solar cells (modules) made from high efficiency crystalline silicon solar cells, combiner boxes, Invertor, moduling mounting structure, switch yard, evacuation facility etc.. The plant consists of 20,856 no. of 240 Wp high efficiency crystalline silicon solar modules arranged in 869 nos. of array with 24 modules in each array. The combined capacity of all inverters taken together is 5.0MWp. Modules generate direct current (DC) which will be converted to alternating current (AC) by inverter hardware. Power generated is stepped to 220KV to supply generated electricity to the NEWNE grid through power purchase agreement signed with GRIDCO.



(c) Relevant dates for the project activity (e.g. construction, commissioning, continued operation periods, etc.);:

Start Date	Signing of the contract agreement with M/s Wipro Eco Energy Limited for supply, erection, commissioning and successful operation	07/03/2012
Commercial Operation		30/03/2013
Continued operation periods	From	30/03/2013
	To	Continuing upto end of monitoring period
Registration with UNFCCC		29/12/2012

(d) Total GHG emission reductions or net GHG removals by sinks achieved in this monitoring period.

The crediting period of the project activity commenced on 01/01/2013. This is the first monitoring report for the project activity. The monitoring period considered is from 01/01/2013 to 31/03/2014 (both days inclusive). The total GHG emission reductions achieved in this monitoring period amounts to 5,842 tCO_2e.

A.2. Location of project activity

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(a) Host Party

India

(b) Region/State/Province, etc.;

Uttar Pradesh

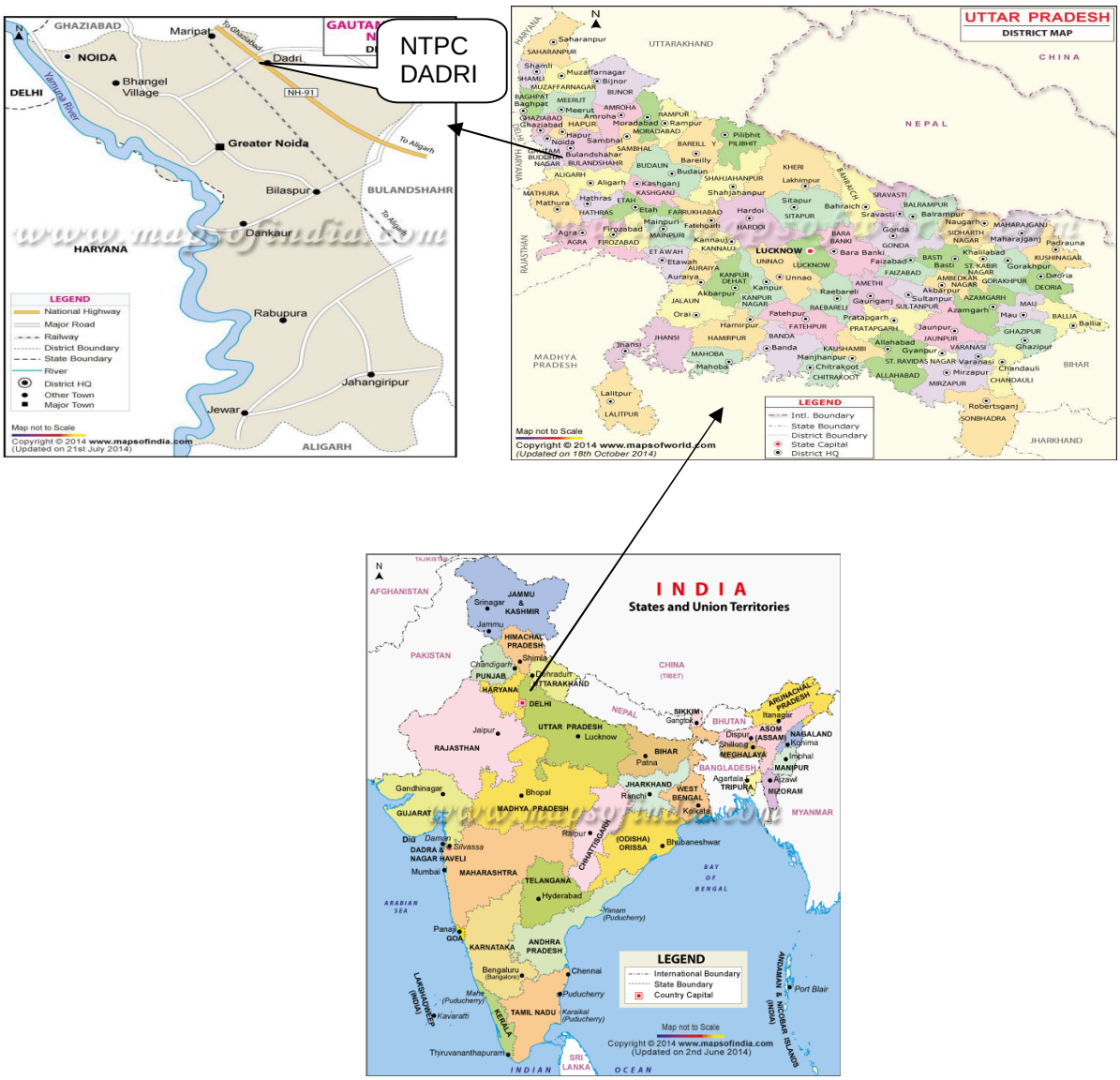
(c) City/town.community. etc;

The project is located in NTPC Dadri, Vidyut Nagar, Gautam Budh Nagar district of Uttar Prades, State of India

(d) Physical/geographical location

The project activity is located at NTPC Dadri, Vidyut Nagar, Taluk-Dadri, District- Gautam Budh Nagar district of Uttar Pradesh. The project site is 25 KM from Ghaziabad city and 12 KM from National Highway 24. The nearest railway station is Ghaziabad and nearest airport is New Delhi which is around 25 and 70 KMs from project activity respectively. The details of location of the project activity are as follows:

Sl.No.	Description	Location Details
1	Host Party	India
2	Region / State / Province, etc.;	Uttar Pradesh
3	City / Town / Community, etc.;	NTPC Dadri, Vidyut Nagar, Taluk-Dadri, District- Gautam Budh Nagar
4	Geographical Location	Latitude : 28°34'40.13"N Longitude : 77°37'56.35"E



A.3. Parties and project participant(s)

Party involved ((host) indicates a host Party)	Private and/or public entity(ies) project participants (as applicable)	Indicate whether the Party involved wishes to be considered as project participant (yes/no)
India (host)	NTPC LIMITED (Public Entity)	No

A.4. Reference of applied methodology and standardized baseline

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The project falls under UNFCCC sectoral scope 1: Energy industries (renewable - / non-renewable sources).

Methodology Title:
AMS-I.D.: Grid connected renewable electricity generation, Version 17, EB 61, dated 03/06/2011

Tool used:

Tool to calculate the emission factor for an electricity system, Version 02.2.1, EB 63, Annex 19, dated 29/09/2011

Further information for the methodology and tools can be obtained at:

http://cdm.unfccc.int/methodologies/SSCmethodologies/approved
http://cdm.unfccc.int/Reference/tools/index.html

A.5. Crediting period of project activity

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The start date of crediting period for this project activity is 01/01/2013 . Further, the date of commercial operation of solar project is 30/03/2013[1]. Thus, the monitoring period is starting from 01/01/2013.

Crediting period of the project activity has been considered as renewable crediting period of 07 year starting from 01/01/2013 to 31/12/2019 which can be renewed twice.

A.6. Contact information of responsible persons/entities

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Engg – CDM
Engineering Office Complex
NTPC Limited
Noida, U.P. 201301
Mobile: +91-96500991823
Direct Tel: +91-0120-2410569
Fax: +91-120-2410538
Email: piyushpradhan@ntpc.co.in

The above entity is the project participant and the details provided in Appendix 1 of MR is same.

Contact Information of the responsible persons/entities for completing the CDM MR FORM and project participant has been provided in the Appendix 1.

SECTION B. Implementation of project activity

B.1. Description of implemented registered project activity

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The project is a Renewable Energy project which displaces the electricity from the Grid that is dominated by carbon intensive fossil fuel. The electricity generation from the project activity is an environmentally safe and sound power generation technology.

The project activity involved implementation of PV solar cells (modules) made from high efficiency crystalline silicon solar cells, combiner boxes, Invertor, moduling mounting structure, switch yard, evacuation facility etc.. The plant consists of 20,856 no. of 240 Wp high efficiency crystalline silicon solar modules arranged in 869 nos. of array with 24 modules in each array. The combined capacity of all inverters taken together is 5.0MWp. Modules generate direct current (DC) which will be converted to alternating current (AC) by inverter hardware. Power generated is stepped to 220KV to supply generated electricity to the NEWNE grid through power purchase agreement signed with GRIDCO.
The start date of project is 07/03/2012. The date of commercial operation is 30/03/2013 and date of registration with UNFCCC is 29/12/2012.

During the monitoring period (01/01/2013 to 31/03/2014), all the equipment and metering systems worked normally. No events or situations which may impact the applicability of the methodology occurred during this monitoring period. No inconsistency with electrically adjacent meter was observed during this monitoring period.Technology and equipment adopted in the project is consistent with the registered CDM-PDD.

[1] As per letter dated 28/03/2013 from ED, Commercial, NTPC Limited

The total installed capacity of project activity is 5.0MWp. The PV panels convert solar radiation to electrical energy. The PV generates direct current (DC) that is converted to alternating current (AC) by inverter hardware. Voltage is stepped up in stages to 220 KV for feeding to the NEWNE grid. The high efficiency crystalline silicon solar cells are used for the proposed project. Each string consisting of modules connected in series is taken to the String Combiner Box (SCB). SCBs are combined to form the input of one inverter. The plant consists of 20,856 no. of 240 Wp high efficiency crystalline silicon solar modules arranged in 869 nos. of array with 24 modules in each array. The combined capacity of all inverters taken together is 5 MWp. The respective digital outputs are taken to a supervisory controller located in the control room. Electronic surge arrestors provided at the DC input & the AC output of each inverter. Necessary HT switch gears are provided for HT isolation & protection.

B.2. Post-registration changes

B.2.1. Temporary deviations from registered monitoring plan, applied methodology or applied standardized baseline

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No deviation has been applied to this monitoring period.

B.2.2. Corrections

>>
Two corrections have been identified in the registered PDD

1. There are corrections in geographical coordinates in the Registered PDD and in Monitoring Report due to typo graphical error. These corrections have been made in the Registered PDD and MR. These corrections do not affect design of the project. These corrections are as per para 1 of Appendix 1 of CDM project Standard and fall under the category of changes that do not require prior approval of the Board.)
2. DGM has been re-designated as AGM due to delayering of organizational hierarchy as per NTPC internal circular no 710/2012 dated 21.08.2012 (Section B.7.3 of registered PDD). The correction has been mentioned in the revised PDD and MR. The correction does not affect the design of the project. This correction is in line with para 1 of Appendix 1 of CDM project Standard and falls under the category of changes that do not require prior approval of the Board .

B.2.3. Changes to start date of crediting period

>>
There are no changes to the start date of the crediting period.

B.2.4. Inclusion of a monitoring plan to the registered PDD that was not included at registration

>>
There is no inclusion of a monitoring plan to the registered PDD.

B.2.5. Permanent changes from registered monitoring plan, applied methodology or applied standardized baseline

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There are no permanent changes from the registered monitoring plan, applied methodologies.

B.2.6. Changes to project design of registered project activity

>>
There are no changes to the project design of the project activity.

B.2.7. Types of changes specific to afforestation or reforestation project activity

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The project activity is not an afforestation or reforestation project. Hence, this section is not relevant to the project activity.

SECTION C. Description of monitoring system

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The project activity falls under sectoral scope 1: Energy industries (renewable - / non-renewable sources) and Category type I.D. Grid connected renewable electricity generation and AMS I.D version 17, EB 61, dated 03/06/2011 is applicable for this monitoring period.

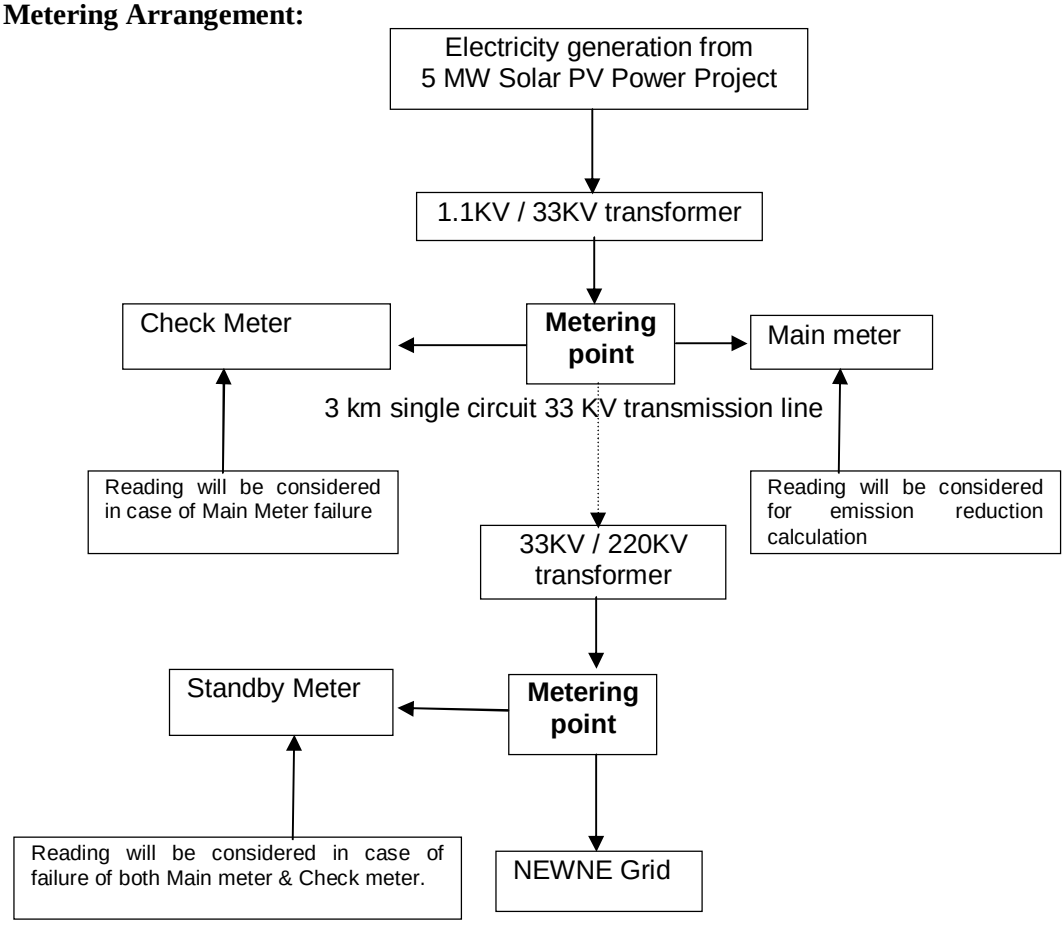
In the registered PDD, emission factor of the project is determined ex-ante. Therefore, the electricity supplied to the grid by the project is defined as the key data to be monitored.

Electricity supplied to the grid is monitored & measured continuously using Main meter, Check meter & Standby meter of 0.2S accuracy class, Main & Check Meters are installed at the HV side of 1.1 KV/33 KV transformer and Standby meter is installed at the HV side of 33 KV/220 KV transformer. There will be 15 minute block wise measurement of the generated energy which will be recorded daily in DAT format (non-tamperable), which then will be sent to Northern Region Load Dispatch Centre (NRLDC) on weekly basis. NRLDC compiles the data & send it to Northern Regional Power Committee (NRPC) who then publishes Regional Energy Account (REA) data on NRPC website on weekly basis. At PP end these REA data are downloaded from NRPC website & compared with station end data & if any discrepancy is found in the REA data, then the same is intimated to NRLDC for resolving the issue.

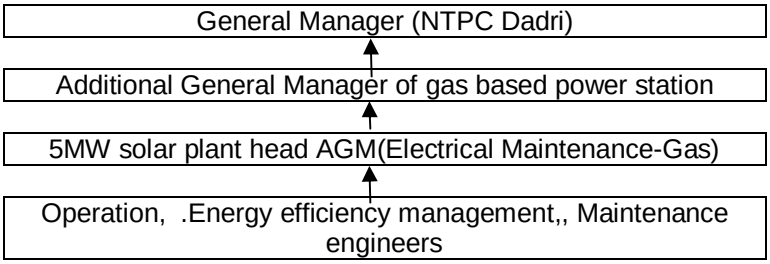
Then, REA data is uploaded at PP SAP. On the basis of SAP data, monthly invoices will be prepared by the commercial department & sent to the concerned consumer.

Net electricity supplied to the grid is cross checked with records for sold/purchased electricity (e.g. invoices/receipts) & saved in SAP system.

Metering Arrangement:



Operational and management structure
The organisation structure for the power plant envisages a head for operations and maintenance of solar power plant with reporting structure as given below:



General Manager i.e. Station Head will have complete control over all activities. AGM (Electrical Maintenance-Gas) have been assigned responsibility as Head of Solar Plant. He is assisted by operation, energy efficiency management and maintenance personnel and have overall responsibility of monitoring of power generation and measurement of power generated in 15 minutes blocks and consolidating daily, weekly, monthly & yearly and archiving the same. The day-to-day operation control has been performed by the Shift-in-charge engineers who will monitor solar power generation continuously. Energy efficiency management engineer is responsible for archiving and reporting of energy generated as measured by online special energy meter.

Designation	Responsibility
Head of the Station	• Holds complete control over monitoring aspects pertaining to the project • Review of Monitoring Report
AGM (O&M Gas)	• Oversees the collection, recording and storage of data • Entire power plant operation & maintenance
Head of Solar Plant **AGM (EM GP)**	• Maintenance of all equipment • Coordination with other maintenance groups • Training of the staff
Operation Personnel **AGM (OPN)**	• Day to Day operation • Data collection and storage
Energy and Efficiency Monitoring Group	• Archiving and reporting of energy generated as measured by online special energy meter • Monitoring of power generation and measurement of power generated in 15 minutes blocks • Periodic checking of recorded & stored data • Responsible for carrying out periodical testing and calibration of equipment and meters • Emission reduction calculation & monitoring report preparation

Emergency Procedure: The project activity does not result in any unidentified activity that can result in substantial emissions from the project activity. No need for emergency preparedness in data monitoring is visualized.

Data collection and archiving:

The meter readings from main and check meters will be collected under the supervision of Energy and Efficiency Monitoring Group of Gas station, NTPC Dadri. The net electricity supplied data would be recorded and stored in electronic form. The records are checked periodically by the AGM (O&M Gas). The period of the storage of the monitored data will be 2 years after the end of crediting period or till the last issuance of CERs for this project activity whichever occurs later.

SECTION D. Data and parameters

D.1. Data and parameters fixed ex ante or at renewal of crediting period

Data/parameter:	**$EF_{grid\ OM,y}$**
Unit	tCO_2/ MWh
Description	Operational Margin of the NEWNE Grid
Source of data	Central Electricity Authority (CEA) of India Database as given in User Guide version 7, Jan 2012
Value(s) applied)	0.9842
Choice of data or measurement methods and procedures	Calculated by CEA for all the regional grids in India. Specifically meant for use in CDM project activities.
Purpose of data	Calculation of Baseline Emission
Additional comments	CO_2 Baseline Database for the Indian Power Sector, Version 7.0, January 2012 published by Central Electricity Authority is used to determine the value of this parameter.

Data/parameter:	**$EF_{grid\ BM,y}$**
Unit	tCO_2/ MWh
Description	Build Margin of the NEWNE Grid
Source of data	Central Electricity Authority (CEA) of India Database as given in User Guide version 7, Jan 2012
Value(s) applied)	0.8587
Choice of data or measurement methods and procedures	Calculated by CEA for all the regional grids in India. Specifically meant for use in CDM project activities.
Purpose of data	Calculation of Baseline Emission
Additional comments	CO_2 Baseline Database for the Indian Power Sector, Version 7.0, January 2012 published by Central Electricity Authority is used to determine the value of this parameter.

Data/parameter:	**$EF_{grid\ CO2,y}$**
Unit	tCO_2/ MWh
Description	Emission Factor of the NEWNE Grid
Source of data	Central Electricity Authority (CEA) of India Database as given in User Guide version 7, Jan 2012
Value(s) applied)	0.9528
Choice of data or measurement methods and procedures	Calculated as the weighted average of the Operating Margin and Build Margin with ratio of 0.75 and 0.25 as per Tool to calculate the emission factor for an electricity system. The OM and BM data is publically available provided by CEA and is conservative and transparent.

Purpose of data	Calculation of Baseline Emission
Additional comments	CO_2 Baseline Database for the Indian Power Sector, Version 7.0, January 2012 published by Central Electricity Authority is used to determine the value of this parameter.

D.2. Data and parameters monitored

Data/parameter:	$EG_{BL\,y}$
Unit	MWh/y
Description	Quantity of net electricity supplied to the grid in year y
Measured/calculated/default	Net electricity supplied (exported minus imported) are directly monitored / measured by the energy meters.
Source of data	Energy meter installed at the HV side of 1.1 /33 KV transformer
Value(s) of monitored parameter	6,132.158 MWh
Monitoring equipment	Meter details connected to this project are mentioned below:

	Main Meter at 33 KV	Check Meter at 33 KV	Standby Meter at 220 KV
Meter Model, Type	ER 300P (Tri-Vector)	ER 300P (Tri-Vector)	ER 300P (Tri-Vector)
Manufacturer	M/s L&T	M/s L&T	M/s L&T
Serial Number	NP-6624-A	02047842	NP-6615-A
Accuracy Class	0.2s	0.2s	0.2s
Calibration date	The meters installed at site were factory calibrated and commissioned on 29/03/2013. The meter will be calibrated once in a five years as mentioned in registered PDD i.e. validity is till 28/03/2018. Hence, the calibration of meter in current monitoring period (01/01/2013 to 31/03/2014) is not required.		
Calibration Validity	The project got commissioned in March 2013 and monitoring period is till March 2014. The meters are to be calibrated once in five years as per registered PDD and CEA rules. As this the first Verification, the meters are factory calibrated and installed on March 2013 and they were not used in between.		
Calibration Frequency	Once in 5 years as per registered PDD	Once in 5 years as per registered PDD	Once in 5 years as per registered PDD

Measuring/reading/recording frequency:	- Continuous monitoring of power generated from control room -15 minute block wise measurement which meets the requirement of methodology of hourly measurement. - Daily recording of energy - Reporting data of energy exported to regional load despatch centre weekly

Calculation method (if applicable):	Measurement methods and procedures are according to that detailed in the Power Purchase Agreement (PPA). Main & Check Meters with 0.2s accuracy class as per CEA (Installation & operation of meters) regulations 2006 / IEGC as applicable are installed at the HV side of 1.1 KV/33 KV transformer and Standby meter with 0.2s accuracy class is installed at the HV side of 33 KV/220 KV transformer. The meters reading are considered for estimating emission reduction.
QA/QC procedures:	Main meter of 0.2S accuracy class is installed in upstream of 1.1/33 KV transformer and Check meter / standby meter of 0.2S accuracy class is installed in upstream of 33/220KV step-up transformer. The main meter and check meter / standby meter shall be checked jointly at the installation as per the CEA (Installation & operation of meters) regulations 2006 as amended from time to time. Data shall be downloaded from the meters at regular intervals as decided by SLDC/RLDC for preparation of the REA account Regular cross checking and analysis of meter readings and meter failure or discrepancies shall be reckoned as per CEA (Installation & operation of meters) regulations 2006 as amended from time to time. If the main meter or check meter is found to be not working at the time of meter reading or at any other time, NTPC shall inform the SLDC/RLDC of the same. In case of failure of meters, energy accounting for the period shall be as per procedure laid down by CERC or as per the mutually agreed procedure. In case of absence of any such procedure, the following procedure shall be followed: In case of failure of main meter, reading of check meter / standby meter for the corresponding period shall be considered for energy accounting. If both the main and check meter(s) fail to record or if any of the PT fuses is blown out, agreed generation in between NTPC & GRIDCO will be treated as actual generation. In case of disputes, resolution shall be mutually discussed and amicably resolved within 90 days. **Testing and Calibration:** All meters shall be calibrated and tested as per procedure laid out in CEA (Installation & operation of meters) regulations 2006. The meters shall be tested once in five years by NABL accredited agency engaged by M/s PGCIL in the presence of representative of NTPC and M/s GRIDCO as per procedure laid out in CEA (Installation & operation of meters) regulations 2006. These meters shall also be tested whenever the energy and other quantities recorded by the meter are inconsistent with electrically adjacent meter or regional load dispatch centre reports abnormality in reading. After testing, the meter will be recalibrated if required at manufacturer's works or replaced.
Purpose of data:	Calculation of baseline emissions
Additional comments:	- The period of the storage of the monitored data will be 2 years after the end of crediting period or till the last issuance of CERs for this project activity whichever occurs later.- Data will be aggregated daily, monthly and yearly.

D.3. Implementation of sampling plan

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Since data and parameters monitored in this project activity is being "generated energy" which will be measured continuously and totalized using energy meter, therefore, sampling approach is not required.

SECTION E. Calculation of emission reductions or GHG removals by sinks

E.1. Calculation of baseline emissions or baseline net GHG removals by sinks

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Baseline emissions (BEy in tCO_2e) are the product of the baseline emissions factor (EFy in tCO_2e/MWh) multiplied by the electricity supplied by the Project to the grid ($EG_{BL, y}$ in MWh):

$$BE\ y = EG_{BL\ y} * EF_{CO2, grid, y}$$

Where:

BEy Baseline Emissions in year *y* ($t\ CO_2$)

$EG_{BL, y}$ Quantity of net electricity supplied to the grid as a result of the implementation of the CDM project activity in year *y* (MWh)

$EF_{CO2, grid\ y}$, CO_2 emission factor of the grid in year y ($t\ CO_2/MWh$) (0.9528 t CO_2/MWh, as calculated ex-ante in the registered PDD and will not be updated during the crediting period).

Net Electricity supplied (exported minus imported) by the project to the grid and corresponding baseline emission is listed below:

Table : Net Electricity supplied to the grid by the project activity

From	To	Meter Record (MWh) A	Sales receipt/Invoices (MWh) B	Software converted Main Meter reading (MWh) C	Data used for CER calculation (MWh) Min(A,B,C)
01/01/2013	31/01/2013	0	0	0	0
01/02/2013	28/02/2013	0	0	0	0
01/03/2013	31/03/2013	24.120	24.120	24.121	24.120
01/04/2013	30/04/2013	551.471	554.020	551.473	551.471
01/05/2013	31/05/2013	555.858	555.905	535.907	535.907
01/06/2013	30/06/2013	454.001	454.040	454.001	454.001
01/07/2013	31/07/2013	400.613	400.658	400.613	400.613
01/08/2013	31/08/2013	436.676	436.705	436.675	436.675
01/09/2013	30/09/2013	585.387	585.424	585.390	585.387
01/10/2013	31/10/2013	565.002	565.017	565.002	565.002
01/11/2013	30/11/2013	561.222	561.234	561.222	561.222
01/12/2013	31/12/2013	465.962	465.952	465.960	465.952
01/01/2014	31/01/2014	370.319	370.301	370.320	370.301
01/02/2014	28/02/2014	480.339	480.333	480.339	480.333
01/02/2014	31/03/2014	701.186	701.175	701.187	701.175
01/01/2013	31/03/2014	6,152.153	6,154.884	6,132.210	6,132.158

The net electricity supplied to the grid $EG_{BL, y}$ = 6,132.158 MWh

The baseline emission (BEy) can be calculated by the formula below:

$BEy = EG_{BL, y} \times EF_{CO2, grid, y}$ = 6,132.158 MWh × 0.9528 tCO_2e/MWh = 5,842 tCO_2e (rounded down)

E.2. Calculation of project emissions or actual net GHG removals by sinks

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According to the registered PDD, the GHG emission of the project is zero as project activity involves generation of electricity from the solar power, thus PE_y = 0 tCO_2e

E.3. Calculation of leakage

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According to the registered PDD, no leakage is considered in the project as the energy generating equipment is not transferred from another activity, thus LE_y = 0 tCO_2e.

E.4. Summary of calculation of emission reductions or net GHG removals by sinks

Item	Baseline emissions or baseline net GHG removals by sinks (t CO_2e)	Project emissions or actual net GHG removals by sinks (t CO_2e)	Leakage (t CO_2e)	GHG emission reductions or net GHG removals by sinks (t CO_2e) achieved in the monitoring period		
				Up to 31/12/2012	From 01/01/2013	Total amount
Total	5,842	0	0	0	5,842	5,842

E.5. Comparison of actual emission reductions or net GHG removals by sinks with estimates in registered PDD

Item	Values estimated in ex ante calculation of registered PDD	Actual values achieved during this monitoring period
Emission reductions or GHG removals by sinks (t CO_2e)	8,369	5,842

E.6. Remarks on difference from estimated value in registered PDD

>>

The actual emission reduction achieved is less than the estimated figure as per registered PDD. This is due to lower electricity generation (due to less solar radiation during the monitoring period. Further, as the actual generation is less than the estimated generation mentioned in registered PDD, thus, further justification is not necessary.

Appendix 1. Contact information of project participants and responsible persons/entities

Contact Information-I

Project participant and/or responsible person/ entity	☒ Project participant ☒ Person/entity responsible for completing the CDM-MR-FORM
Organization name	NTPC LIMITED
Street/P.O. Box	-
Building	Engineering Office Complex
City	Noida
State/region	U.P.
Postcode	201301
Country	India
Telephone	-
Fax	-
E-mail	-
Website	www.ntpc.co.in
Contact person	-
Title	Mr.
Salutation	-
Last name	PRADHAN
Middle name	-
First name	PIYUSH
Department	Engg-CDM
Mobile	+91-9650991823
Direct fax	+91-120-2410538
Direct tel.	+91-120-2410569
Personal e-mail	piyushpradhan@ntpc.co.in

Contact Information-II

Project participant and/or responsible person/ entity	☒ Project participant ☒ Person/entity responsible for completing the CDM-MR-FORM
Organization name	NTPC LIMITED
Street/P.O. Box	-
Building	Administrative Building, (P.O) Vidyutnagar, Distt. G.B. Nagar
City	Ghaziabad
State/region	U.P.
Postcode	201008
Country	India
Telephone	+91-120-2805187
Fax	+91-120-2672330
E-mail	-
Website	www.ntpc.co.in

Contact person	
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Salutation	-
Last name	Akhaury
Middle name	Kumar
First name	Navin
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Mobile	+91-9650994666
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Direct tel.	+91-120-2672303
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Document information

Version	*Date*	*Description*
05.1	4 May 2015	Editorial revision to correct version numbering.
05.0	1 April 2015	Revisions to: • Include provisions related to delayed submission of a monitoring plan; • Provisions related to the Host Party; • Remove reference to programme of activities; • Overall editorial improvement.
04.0	25 June 2014	Revisions to: • Include the Attachment: Instructions for filling out the monitoring report form (these instructions supersede the "Guideline: Completing the monitoring report form" (Version 04.0)); • Include provisions related to standardized baselines; • Add contact information on a responsible person(s)/ entity(ies) for completing the CDM-MR-FORM in A.6 and Appendix 1; • Change the reference number from *F-CDM-MR* to *CDM-MR-FORM*; • Editorial improvement.
03.2	5 November 2013	Editorial revision to correct table in page 1.
03.1	2 January 2013	Editorial revision to correct table in section E.5.
03.0	3 December 2012	Revision required to introduce a provision on reporting actual emission reductions or net GHG removals by sinks for the period up to 31 December 2012 and the period from 1 January 2013 onwards (EB70, Annex 11).
02.0	13 March 2012	Revision required to ensure consistency with the "Guidelines for completing the monitoring report form" (EB 66, Annex 20).
01	28 May 2010	EB 54, Annex 34. Initial adoption.

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