



**Validation report form for post-registration changes for
CDM project activities
(Version 03.0)**


Complete this form in accordance with the instructions attached at the end of this form.

BASIC INFORMATION

Title and UNFCCC reference number of the project activity	Hydro Electric Plant - Hidro Pantasma UNFCCC ID: 9118
Process track	<input type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input checked="" type="checkbox"/> Renewal of crediting period
Version number of the validation report	1.0
Completion date of the validation report	22/09/2021
Type(s) of PRCs	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents ¹ <input checked="" type="checkbox"/> Corrections <input type="checkbox"/> Changes to the start date of the crediting period <input type="checkbox"/> Inclusion of a monitoring plan <input type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents <input type="checkbox"/> Changes to the project design <input type="checkbox"/> Changes specific to afforestation and reforestation project activities
Version number of PDD to which this report applies	6.0
Project participants	Hidropantasma S.A
Host Party	Mexico
Applied methodologies and standardized baselines	AMS-I.D. Version 18.0 - Grid connected renewable electricity generation Standardized baselines: N/A
Mandatory sectoral scopes	1: Energy industries (renewable - / non-renewable sources)
Conditional sectoral scopes, if applicable	N/A
Name and UNFCCC reference number of the DOE	TÜV NORD CERT GmbH (TÜV NORD) Ref No.: E-0022

¹ Other standards, methodologies, methodological tools and guidelines (to be) applied in accordance with the applied(selected) methodologies are collectively referred to as the other (applied) methodological regulatory documents).

Name, position and signature of the
approver of the validation report


Stefan Winter
Final Approver

SECTION A. Executive summary

As this assessment was carried out as part of the renewal of the crediting period of the project activity please refer to section A of the validation report for a detailed project description (to which this report is attached).

SECTION B. Validation team, technical reviewer and approver

On the basis of a competence analysis and individual availabilities an assessment team, consistent of one team leader. Furthermore, also the personnel for the technical review and the final approval were determined.

The list of involved personnel, the tasks assigned and the qualification status are summarized in the following table below.

B.1. Validation team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection ²	Interview(s)	Verification findings
1.	Team Leader	El	Quireza	Oliver	-	x	x	x	x

B.2. Technical reviewer and approver of the validation report on PRCs

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	IR	Stöhr	Christina	TÜV NORD CERT
2.	Approver	IR	Stefan	Winter	TÜV NORD CERT

SECTION C. Means of validation**C.1. Desk/document review**

The *assessment of post registration changes* consisted of the following steps:

- Appointment of team members and technical reviewers
- A desk review of the registered and revised PDD/^{PDD/} submitted by the client and additional supporting documents
- On-Site assessment (if required)
- Background investigation and follow-up interviews with personnel of the project developer and its contractors,
- Resolution of corrective actions (CARs / CLs) (if any)
- Final reporting
- Technical review
- Final approval.

In this case all activities were carried out as part of the validation of the renewal of the crediting period of this project activity.

² Remote via alternative means

The registered PDD and supporting background documents related to the post registration changes were reviewed.

As far as required the assessment team used additional documentation by third parties like host party legislation, technical reports referring to the project design or to the basic conditions and technical data.

A list all documents reviewed or referenced during this validation is presented in Appendix 3.

C.2. On-site inspection

In accordance with EB108 §28 the DOE may apply alternative measures of validation/verification to mandatory on-site inspections until 30/06/2021. The DOE performed interviews via internet with PP personnel representatives in order to confirm the relevant information provided in the PDD such as national regulation, local stakeholders consultation, technology information and project location. The following remote inspection was done:

Duration of remote inspection: 04/02/2021 to 04/02/2021				
No.	Activity performed remotely	Site location	Date	Team member
1.	Kick off meeting	Remote	04/02/2021	Oliver Quireza
2.	Discussion on the calculation the EF calculation, and project description	Remote	04/02/2021	Oliver Quireza
3.	Closing meeting	Remote	04/02/2021	Oliver Quireza

Duration of remote inspection: 04/02/2021 to 04/02/2021				
No.	Activity performed remotely	Site location	Date	Team member
1.	Kick off meeting	Remote	04/02/2021	Oliver Quireza
2.	Discussion and review of calculation (baseline/project/leakage emissions and emission reductions)	Remote	04/02/2021	Oliver Quireza
3.	Review of completeness of ex ante and ex post parameters and such validation	Remote	04/02/2021	Oliver Quireza
4.	Monitoring plan (feasibility, QA/QC procedures, responsibility and recording of monitoring results and sampling methods, if applied)	Remote	04/02/2021	Oliver Quireza
5.	Feedback and interactions with local stakeholders	Remote	04/02/2021	Oliver Quireza
6.	Closing meeting	Remote	04/02/2021	Oliver Quireza

C.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1	Giraldo	Carlos	South Pole	25/02/2021	MR/ ER	Oliver Quireza
2	Mantica	Rodrigo	Hidropantasma	25/02/2021	Plant operations /Equipment	Oliver Quireza
3	Rodriguez	David	Hidropantasma	25/02/2021	Plant operations / Raw data	Oliver Quireza

C.4. Sampling approach

C.4.1. Sampling during monitoring

<input checked="" type="checkbox"/>	No sampling approach has been used by the PP to determine the monitored parameters				
<input type="checkbox"/>	A sampling approach has been taken for the following monitored parameter(s):				
	Parameter	Sampling approach ¹⁾	Sampling Type ²⁾	Population	Sample Size

¹⁾ Sampling Approaches:

SiRS: Simple Random Sampling
 StRS: Stratified Random Sampling
 SS: Systematic Sampling
 CS: Cluster Sampling
 MSS: Multi-stage Sampling
 AS: Acceptance Sampling

²⁾ Sampling Types:

PS: Parameter Sampling

C.4.2. Sampling approaches during verification

<input checked="" type="checkbox"/>	No sampling approach has been used by the VT to verify the monitored parameters				
<input type="checkbox"/>	A sampling approach has been applied by the VT for the following monitored parameter(s):				
	Parameter	Sampling approach ¹⁾	Sampling Type ²⁾	Population	Sample Size

¹⁾ Sampling Approaches:

SiRS: Simple Random Sampling
 StRS: Stratified Random Sampling
 SS: Systematic Sampling
 CS: Cluster Sampling
 MSS: Multi-stage Sampling

²⁾ Sampling Types:

AS: Acceptance Sampling
 PS: Parameter Sampling
 COM: Full data check at higher data aggregation levels and sampling at original data levels

C.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PDD form	-	-	-
Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents	-	-	-
Corrections	-	-	-
Changes to the start date of the crediting period	-	-	-
Inclusion of a monitoring plan	-	-	-
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents	-	-	-
Changes to the project design	-	-	-
Changes specific to afforestation and reforestation project activities	-	-	-
Others (please specify)	-	-	-
Total	0	0	0

SECTION D. Validation findings**D.1. Compliance with PDD form**

Means of validation	By means of checking updated PDD with the latest applicable and available PDD template form the DOE can confirm that the revised PDD (both in tracked-change and clean versions) is in compliance with the valid version of the applicable PDD form and the instructions therein for filling out the PDD form.
Findings	-
Conclusion	DOE can confirm that the revised PDD (both in tracked-change and clean versions) is in compliance with the valid version of the applicable PDD form and the instructions therein for filling out the PDD form.

D.2. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents

Means of validation	N/A
Findings	
Conclusion	

D.3. Corrections

Means of validation	Description of post registration change			
	Start Date: Please provide the start date of the change	07/10/2013	End Date: Please provide the end date of the change, if applicable	N/A
	Description: Please give a detailed description of the change(s)	Two corrections are reported in the MR regarding the turbine type and rated output capacity: 1. The registered PDD states as turbine type “Pelton – PH2/1300/390” which was determined during the plant design stage based on the “Technical proposal – Mechanical equipment – Final offer No. 020824-30B_Kossler”. However, the turbine type was updated to “Pelton – PH2I - 1300/390” according to the installed turbine nameplates. 2. The registered PDD states as turbine rated output capacity “6,547 kW (each one)” which was determined based on the “Technical proposal – Mechanical equipment – Final offer No. 020824-30B_Kossler”. Nevertheless as per actual turbine plates the rated output capacity is “6,860 kW (each one)”.		
	Assessment of post registration change – Corrections			
	Accuracy: Please give a detailed assessment whether the deviation is likely to lead to a reduction in the accuracy of the ER calculation.	1. The VT reviewed the Technical proposal, name plates ^{/TURB/} , the registered PDD and interviewed the plant manager. The statement provided by the PP is correct. The correction does not lead to a reduction in the accuracy of the ER calculation. 2. The VT reviewed the name plates and the technical proposal ^{/TURB/} . The difference between the planned capacity and the actual capacity doesn't affect the final output capacity which is limited by the Ministry of Energy and Mining through the Ministerial Agreement No. 2-DGERR-02-2010 ^{/LIC/} which allows the plant to generate only 12.5 MW, even though the actual total turbines capacity is 13.72 MW and the total generators capacity is 14.4 MW (7.2 MW each), the electricity generation cannot be increased and in consequence the income from electricity sells is not increased. Furthermore, the slight capacity increase of the turbines is not		

		<p>a planned capacity change, instead the plant's capacity is the actual rated output measured by the manufacturer in the factory.</p> <p>The correction does not lead to a reduction in the accuracy of the ER calculation.</p>																
	<p>Conservative-ness:</p> <p>Please give a detailed assessment whether conservative assumptions or discount factors have been applied to ensure that ER will not be overestimated.</p>	<p>1. The VT reviewed the Technical proposal, name plates^{TURB/}, the registered PDD and interviewed the plant manager.</p> <p>The statement provided by the PP is correct.</p> <p>The correction doesn't affect the conservativeness of the ER.</p> <p>2. The VT reviewed the name plates and the technical proposal^{TURB/}. The difference between the planned capacity and the actual capacity doesn't affect the final output capacity which is limited by the Ministry of Energy and Mining through the Ministerial Agreement No. 2-DGERR-02-2010^{LIC/} which allows the plant to generate only 12.5 MW, even though the actual total turbines capacity could be 13.72 MW and the total generators capacity would be 14.4 MW (7.2 MW each), the electricity generation cannot be increased and in consequence the income from electricity sells is not increased.</p> <p>Furthermore, the slight capacity increase of the turbines is not a planned capacity change, instead the plant's capacity is the actual rated output measured by the manufacturer in the factory.</p> <p>The correction doesn't affect the conservativeness of the ER.</p>																
	<p>Appendix of the PS:</p> <p>Check if the changes fall under one of the scenarios of appendix of the PS.</p>	<p>The PRC does not require prior approval as per Appendix of the CDM-PS version 2.</p>																
Findings	-																	
Conclusion	<p>Based on the above the corrections are in accordance with applicable validation requirements related to corrections in the VVS.</p> <p>Revised PDD</p> <table border="1"> <tr> <td>Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.</td> <td><input checked="" type="checkbox"/></td> <td>The changes have correctly been reflected in the revised PDD.</td> </tr> <tr> <td></td> <td><input type="checkbox"/></td> <td>A revision of the PDD is not required (in case of temp. changes).</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> <td>The revised PDD has been forwarded in (i) track-change and (ii) clean version.</td> </tr> </table> <p>Prior Approval</p> <table border="1"> <tr> <td>Prior approval: Assess whether the change requires prior approval of the board</td> <td><input type="checkbox"/></td> <td>The post registration change requires prior approval</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/></td> <td>The post registration change does not require prior approval</td> </tr> </table>			Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/>	The changes have correctly been reflected in the revised PDD.		<input type="checkbox"/>	A revision of the PDD is not required (in case of temp. changes).		<input checked="" type="checkbox"/>	The revised PDD has been forwarded in (i) track-change and (ii) clean version.	Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/>	The post registration change requires prior approval		<input checked="" type="checkbox"/>	The post registration change does not require prior approval
Rev. of PDD: Check whether the changes have been fully addressed in a revised PDD.	<input checked="" type="checkbox"/>	The changes have correctly been reflected in the revised PDD.																
	<input type="checkbox"/>	A revision of the PDD is not required (in case of temp. changes).																
	<input checked="" type="checkbox"/>	The revised PDD has been forwarded in (i) track-change and (ii) clean version.																
Prior approval: Assess whether the change requires prior approval of the board	<input type="checkbox"/>	The post registration change requires prior approval																
	<input checked="" type="checkbox"/>	The post registration change does not require prior approval																

D.4. Changes to the start date of the crediting period

Means of validation	N/A
Findings	
Conclusion	

D.5. Inclusion of a monitoring plan

Means of validation	N/A
Findings	
Conclusion	

D.6. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines or other methodological regulatory documents

Means of validation	N/A
Findings	
Conclusion	

D.7. Changes to the project design

Means of validation	N/A
Findings	
Conclusion	

D.8. Changes specific to afforestation and reforestation project activities

Means of validation	N/A
Findings	
Conclusion	

SECTION E. Internal quality control

Before submission of the final assessment report a technical review is carried out. The technical reviewer is a competent GHG auditor being appointed for the scope this project falls under. The technical reviewer is not considered to be part of the verification team and thus not involved in the decision making process up to the technical review.

As a result of the technical review process the assessment opinion as prepared by the validation team leader may be confirmed or revised. Furthermore, reporting improvements might be achieved.

SECTION F. Validation opinion

The below listed changes have occurred after the registration of the project activity.

<i>Type of Change occurred</i>	<i>Total No. of changes</i>	<i>No. of changes which require prior approval</i>
<input type="checkbox"/> Temporary deviations from the MP	-	-
<input type="checkbox"/> Temporary deviations from the Methodology	-	-
<input type="checkbox"/> Temporary Deviation from applied Standardized Baseline	-	-
<input type="checkbox"/> Temporary Deviation from applied other regulatory documents	-	-
<input checked="" type="checkbox"/> Corrections that do not affect the PA	2	0
<input type="checkbox"/> Change to the start date of the crediting period	-	-
<input type="checkbox"/> Permanent changes to the registered monitoring plan	-	-
<input type="checkbox"/> Permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents	-	-
<input type="checkbox"/> Design changes to the PA	-	-
<input type="checkbox"/> Changes specific to A/R projects	-	-

None of the changes requires prior approval by the Board.

Querétaro, 22/09/2021




Oliver Quireza
TÜV NORD JI/CDM CP
Assessment Team Leader

Appendix 1. Abbreviations

Abbreviations	Full texts
CL	Corrective Action / Clarification Action
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CNDC	National Load Dispatch Center
CO ₂	Carbon dioxide
CO _{2eq}	Carbon dioxide equivalent
CL	Clarification Request
DOE	Designed Operational Entity
DVerR	Draft Verification Report
ER	Emission Reduction
ERPA	Emission Reduction Purchase Agreement
ENATREL	National Company of Transmission of Electricity <i>“Empresa Nacional de Transmisión eléctrica”</i>
FAR	Forward Action Request
GHG	Greenhouse gas(es)
Hidropantasma	Hydro Electric Plant – Hidro Pantasma
IM	Interview Memo
INE	Nicaraguan Institute of Energy <i>(Instituto Nicaragüence de Eneqía)</i>
MARENA	Ministry for the Environmental <i>“Ministerio del Ambiente y los Recursos Naturales”</i> (DNA)
MP	Monitoring Plan or Monitoring Period
MR	Monitoring Report
PA	Project Activity
PCP	Project Cycle Procedure
PDD	Project Design Document
PP	Project Participant
PS	Project Standard
QA/QC	Quality Assurance / Quality Control
UNFCCC	United Nations Framework Convention on Climate Change
VVS	Validation and Verification Standard
VT	Verification Team
XLS	Emission Reduction Calculation Spread Sheet

Appendix 2. Competence of team members and technical reviewers



Statement of Competence
Appointment and authorization according to the procedures of the TUV NORD vCDM Certification Program

Mr. Oliver Quireza Campos

SCHEME	STATUS	VALID UNTIL
CDM	Lead Assessor (Validation, Verification)	2024-06-28
VCA / ISO 14001-2	Lead Assessor	2024-06-28


Authorization status for technical areas within national scope:

CODE	TECHNICAL AREA
1.1	Thermal energy generation
1.2	Renewables
13.1	Solid waste and wastewater
13.2	Mineral

337 - Rev. 6, Date: 2021-06-15

337_201-00000 FPR_2021-06-15_mkt

337-00000 FPR rev 6: 20-10-19-08



Statement of Competence
Appointment and authorization according to the procedures of the TUV NORD vCDM Certification Program

Ms. Christina Stöhr

SCHEME	STATUS	VALID UNTIL
CDM	Lead Assessor (Validation, Verification) Technical Reviewer	2023-06-06
VCS / ISO 14001-2	Lead Assessor Technical Reviewer	2023-06-06

Authorization status for technical areas within national scope:

CODE	TECHNICAL AREA
1.1	Thermal energy generation
1.2	Renewables
13.1	Solid waste and wastewater

298 - Rev. 7 Date: 2020-10-07

298_201-00000 FPR_2020-10-07_mkt

298-00000 FPR rev 7: 20-10-19-08

Appendix 3. Documents reviewed or referenced

No .	Author	Reference	Title			References to the document	Provider
1.	UNFCCC	/METH/	AMS-I.D.: Grid connected renewable electricity generation, Ver. 18			https://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQQOFQQH4SBK	Other
2.	DOE	/CPM/	TÜV NORD JI / CDM CP Manual (incl. CP procedures and forms)				Other
3.	UNFCCC	/GOT/	Glossary “CDM terms” (version 10.0)			https://cdm.unfccc.int/Reference/index.html	Other
4.	IPCC	/IPCC/	1. 1996 IPCC Guidelines for National Greenhouse Gas Inventories: work book 2. 2006 IPCC Guidelines for National Greenhouse Gas Inventories: work book			www.ipcc-nggip.iges.or.jp	Other
5.	UNFCCC	/KP/	Kyoto Protocol (1997)			http://unfccc.int/kyoto_protocol/items/2830.php	Other
6.	UNFCCC	/MA/	Decision 3/CMP. 1 (Marrakesh – Accords)			http://cdm.unfccc.int/Reference/COPMOP/index.html	Other
7.	PP	/MR/	Monitoring Report: Hydro Electric Plant - Hidro Pantasma, versions: -Version 1.0, 17/12/2020 -Version 2.0, 07/07/2021			N/A	Other
8.	UNFCCC	/MRT/	Monitoring Report Form (CDM-MR-FORM), Version 7.0			https://cdm.unfccc.int/Reference/PDDs_Forms/index.html	Other
9.	UNFCCC	/PDD/	Project Design Document for CDM project: “Hydro Electric Plant - Hidro Pantasma” version 5, dated 19/12/2012 Version 6, dated 15/09/2021			https://cdm.unfccc.int/Projects/DB/TUEV-RHEIN1356253134.74/view?cp=1	Other
10.	UNFCCC	/NewPDD/	Updated Project Design Document for CDM project: “Hydro Electric Plant - Hidro Pantasma” version 6.0, dated 15/09/2021			N/A	Other
11.	UNFCCC	/PS/	CDM Project Standard (Version 2.0)			http://cdm.unfccc.int/Reference/Standards/index.html	Other
12.	UNFCCC	/TOOL/	Rel.	Name	Ver.	http://cdm.unfccc.int/Reference/tools/index.html	Other
			<input checked="" type="checkbox"/>	Tool to calculate project or leakage CO ₂ emissions from fossil fuel combustion	3		
			<input type="checkbox"/>	Emissions from solid waste disposal sites	-		
			<input type="checkbox"/>	Tool to calculate baseline, project and/or leakage emissions from electricity consumption	-		
			<input type="checkbox"/>	Project emissions from flaring Version	-		
			<input checked="" type="checkbox"/>	Tool to calculate the emission factor for an electricity system	7		
<input type="checkbox"/>	Tool to determine the mass flow of a greenhouse gas in a gaseous stream	-					

No.	Author	Reference	Title			References to the document	Provider
			<input type="checkbox"/>	Tool to determine the baseline efficiency of thermal or electric energy generation systems	-		
			<input type="checkbox"/>	Tool to determine the remaining lifetime of equipment	-		
			<input type="checkbox"/>	Project and leakage emissions from transportation of freight	-		
			<input type="checkbox"/>	Determining the baseline efficiency of thermal or electric energy generation systems	-		
			<input type="checkbox"/>	Project and leakage emissions from anaerobic digesters	-		
			<input type="checkbox"/>	Upstream leakage emissions associated with fossil fuel use	-		
			<input type="checkbox"/>	Project and leakage emissions from biomass	-		
			<input type="checkbox"/>	Leakage in biomass small-scale project activities	-		
			<input type="checkbox"/>	Tool for the demonstration and assessment of additionality	-		
13.	PP	/VAL/	Validation Report for registration of the CDM project "Hydro Electric Plant - Hidro Pantasma", submitted by TUV RHEINLAND, version 03 dated 21/12/2012			https://cdm.unfccc.int/Projects/DB/TUEV-RHEIN1356253134.74/view?cp=1	Other
14.	UNFCCC	/VVS/	CDM Validation and Verification Standard (Version 02.0)			http://cdm.unfccc.int/Reference/Standards/index.html	Other
15.	PP	/EG/	Evidence of Energy Generation covering the monitoring period: <ul style="list-style-type: none"> • Original energy meter readings; • Sales invoices; 			N/A	PP
16.	PP	/CC/	Calibration certificates issued by ENATREL, see Appendix 6 of this report			N/A	PP
17.	PP	/XLS/	210128_ER_HidroPantasma-MDL 210315_ER_Hidropantasma-MDL 210416_ER_Hidropantasma-MDL 210624_ER_Hidropantasma-MDL 210706_ER_Hidropantasma-MDL			N/A	PP
18.	INE	/EF/	-Monthly net generation SEN, covering the period from 2013 to 2018, by INE. -Raw materials for electricity generation SEN, covering 2013-2018, by INE.			https://www.ine.gob.ni/index.php/electricidad/estadisticas-anuales/	PP
19.	CNEE	/LIC/	<input checked="" type="checkbox"/> Environmental License, Resolution administrative DGCA-028-2008R, by MARENA. <input checked="" type="checkbox"/> Public Act -Contract, License of Generation, 2-DGERR-02-201			N/A	PP

No	Author	Reference	Title	References to the document	Provider
	MARN		project Hidropantasma, by MEM, 24/10/2011 ✓ Report of socio environmental activities January 2021.		
20.	PP	/L-B/	-Operation and maintenance reports	N/A	PP
21.	SIEMENS	/Meter/	-Power meter 9510/9610, user guide, SIEMENS -Power meter 9510/9610, Technical data sheet, SIEMENS	N/A	PP
22.	INE	/LAW/	Commercial Annexes: -Commercial information of market -Share unit -Variable costs and costs of thermal start-up -commercial measurement of system -mandatory generation -Dispatch without restriction and energy price in the spot market -Contracts coordination	N/A	PP
23.	PP	/ERPA/	ERPA, between PP and CERs buyer, June 2020.	N/A	PP
24.	TN JI/CDM CP	/COVID/	TUV NORD Covid pandemic guidance and notifications: • TN Guidance 20/001 "CORONAVIRUS – GUIDELINE FOR AUDITORS", version 2 • Covid pandemic Announcements along with related EB emails and EB decision via JI/CDM Team SharePoint 20/03/2020, 24/06/2020, 25/02/2021 • Information provided during EEM conducted on 11/11/2020 and 16/12/2020 • Covid-19 pandemic EB decision	https://extranet.tuev-nord.de/sites/jicdm/default.aspx https://cdm.unfccc.int/newsroom/latestnews/releases/2020/01041_index.html	TN JI/CDM CP
25.	PP	/PIC/	Pictures form Name plates of main equipment	N/A	PP
26.	UNFCCC	/POST2020 /	Clarification: Regulatory requirements under temporary measures for post-2020 cases, version 01.1; CDM-EB109-A01-CLAR	https://cdm.unfccc.int/Reference/PDDs_Forms/index.html	Other
27.	Olympian EMSA	/Emer/	Backup generators: OLYMPIAN ✓ Olympian GEN150-1, data sheet ✓ Main Plate Olympian GEN150-1 ✓ Generator Plate, motor Perkins 2332/1800 EMSA ✓ E PR ST 0075/6, data sheet ✓ Main plate STAMFORD ✓ Plater motor Perkins 2510/1500	N/A	PP

No .	Author	Reference	Title	References to the document	Provider
28.	Kosser Pelton	/TURB/	✓ Technical proposal – Mechanical equipment – Final offer No. 020824-30B_Kosser ✓ Nameplate turbines “Pelton – PH2I - 1300/390	N/A	PP

Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. CLs from this validation

CL ID	xx	Section no.	Date: DD/MM/YYYY
Description of CL			
Project participant response			
Date: DD/MM/YYYY			
Documentation provided by project participant			
DOE assessment			
Date: DD/MM/YYYY			

Table 2. CARs from this validation

CAR ID	CAR 01	Section no.	Date: 15/06/2020
Description of CAR (1 st round)			
Project participant response			
Date: 23/06/2020			
Documentation provided by project participant			
DOE assessment			
Date: 06/07/2020			

Table 3. FARs from this validation

FAR ID	xx	Section no.	Date: DD/MM/YYYY
Description of FAR			
Project participant response			
Date: DD/MM/YYYY			
Documentation provided by project participant			
DOE assessment			
Date: DD/MM/YYYY			

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	31 May 2019	Revision to: <ul style="list-style-type: none">• Ensure consistency with version 02.0 of the “CDM validation and verification standard for project activities” (CDM-EB93-A05-STAN);• Make editorial improvements.
02.0	31 October 2017	Revision to align with the requirements in the “CDM validation and verification standard for project activities” (version 01.0).
01.0	23 March 2015	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Registration Keywords: post-registration change, project activities, validation report		