




**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	Electricity generation from renewable sources - Windfarms Santa Clara I, Santa Clara II, Santa Clara III, Santa Clara IV, Santa Clara V, Santa Clara VI and Eurús VI UNFCCC ref #: 5495
Process track	<input checked="" type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input type="checkbox"/> Renewal of crediting period
Version number of the validation report	01.0
Completion date of the validation report	03/04/2020
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 checked="" 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	04
Project participants	CPFL Geração de Energia S/A
Host Party	Brazil
Applied methodologies and standardized baselines	ACM0002 ver. 12.1.0 - Consolidated baseline methodology for grid-connected electricity generation from renewable sources
Mandatory sectoral scopes	1 : Energy industries (renewable - / non-renewable sources)
Conditional sectoral scopes, if applicable	N/A

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 and UNFCCC reference number of the DOE	Earthood Services Private Limited (ESPL) (ref E- 0066)
Name, position and signature of the approver of the validation report	 Dr. Kaviraj Singh Managing Director

SECTION A. Executive summary

The project activity consists the installation and operation of a windfarm Complex called Santa Clara, constituted by 7 wind farms totalizing 188 MW. The seven wind farms are Santa Clara I, II, III, IV, V, VI and Eurús VI. They are located in Parazinho city, in the State of Rio Grande do Norte, Brazil.

The plants are connected to the Brazilian National Interconnected System (SIN) by João Câmara II Substation.

The project activity reduces the GHG emissions through dispatching GHG-free electricity to the Brazilian National Interconnected System.

The operation start date of the 1st turbine in the Wind Power Complex is on 01/03/2014^{12/} (Liberation of operation by ANEEL).

Scope of validation

CPFL Geração de Energia S/A has contracted Earthood Services Private Limited to conduct the validation of Change of Start date of Crediting period of "Electricity generation from renewable sources - Windfarms Santa Clara I, Santa Clara II, Santa Clara III, Santa Clara IV, Santa Clara V, Santa Clara VI and Eurús VI" from 01/07/2012 to 01/03/2014 (postponing the start date of Crediting period in 1 year and 8 months)

The validation of the Post registration change is the independent review of the proposed PRC of change of starting date of Crediting period.

The scope of the validation is to establish/verify that:

- the change proposed for the project activity (change of start date of crediting period) is in accordance with applied version of the CDM Project Standard for PA, CDM Validation and Verification Standard for PA, applied methodology and tools.
- The following corrections were also carried out:
 - o As a result of the change in the start date of CP, the estimated emission reductions were also updated using the latest information of Grid Emission factor available (provided by Brazilian DNA^{16/}).
 - o PPs information was updated in the PDD (changes in the PP have already been carried out prior this PRC request)
 - o Section D.1: Current valid Operational licenses were included
 - o Section F: information of Letter of approval was included as per instructions for completing PDD template version 11

Validation process

The validation of this Post Registration Change is being requested through prior approval track in accordance with provisions of PS.

Conclusion

Earthood Services Private Limited has performed the validation of the change of start date of crediting period of the CDM PA "Electricity generation from renewable sources - Windfarms Santa Clara I, Santa Clara II, Santa Clara III, Santa Clara IV, Santa Clara V, Santa Clara VI and Eurús VI".

The validation team has confirmed that this deviation request complies with all eligibility criteria for the Post registration Changes in the registered CDM PA and that the proposed change in the start date aims uniquely inform the actual data and current situation of the project activity.

The validation team concluded that the proposed deviation complies with all relevant CDM procedures/standards/guidance.

SECTION B. Validation team, technical reviewer and approver

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/document review	On-site inspection	Interview(s)	Validation findings
1.	Team Leader	OR	Sebben	Marcelo	Verifit	Y	Y	Y	Y
2.	Local Expert	OR	Sebben	Marcelo	Verifit	Y	Y	Y	Y
3.	Methodological Expert	OR	Sebben	Marcelo	Verifit	Y	Y	Y	Y
4.	Technical Expert	OR	Sebben	Marcelo	Verifit	Y	Y	Y	Y

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	Garg	Shreya	Central Office
2.	Technical Expert	IR	Garg	Shreya	Central Office
3.	Approver	IR	Singh	Kaviraj	Central Office

SECTION C. Means of validation

C.1. Desk/document review

A desk review was conducted by the validation team that included:

- a review of the data and information presented to assess its completeness;
- a review of the registered project activity, the applied methodology including applicable tool(s) and, where applicable, the applied standardized baseline;
- a review of supporting documents.

A complete list of documents/evidences reviewed is included as Appendix 3.

C.2. On-site inspection

Duration of on-site inspection: 10/03/2020				
No.	Activity performed on-site	Site location	Date	Team member
1.	Opening Meeting: Introduction, scope and objective of work, roles and responsibilities of audit team, resources required, and timetable of the onsite audit including venue for closing meeting and any concerns from PP.	Project Site Parazinho	10/03/2020	Marcelo Sebben
2.	Implementation and operation of project activity (project boundary, technology, project equipment, monitoring and	Project Site Parazinho	10/03/2020	Marcelo Sebben

	metering equipment) as per registered PDD/previous verification.			
3.	Physical inspection of the project activity: Site visit and interview of personnel	Project Site Parazinho	10/03/2020	Marcelo Sebben
4.	- PRC Checklist: compliance of CDM procedures, check of information provided in the registered PDD and check of operation start date of the wind power complex.	Project Site Parazinho	10/03/2020	Marcelo Sebben
5.	- Review of ex-ante calculations	Project Site Parazinho	10/03/2020	Marcelo Sebben
6.	Compilation of the audit findings.	Project Site Parazinho	10/03/2020	Marcelo Sebben
7.	Closing Meeting: Submission of the audit findings to the client and agreement on the issues raised and agreement on timelines.	Project Site Parazinho	10/03/2020	Marcelo Sebben

C.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Moraes	Arthur	Carbotrader	10/03/2020	- General aspects - CDM aspects - EF calculation ER calculation	Marcelo Sebben
2.	Carvalho	Ligia	CPFL	10/03/2020	Operation and Maintenance of Power plant	Marcelo Sebben
3.	Destefani	Grazielli	CPFL	10/03/2020	Environmental Aspects of Power plant	Marcelo Sebben
4.	Fonseca	Bruno	CPFL	10/03/2020	Operation of Power plant and metering	Marcelo Sebben
5.	Bragé	Diego	CPFL	10/03/2020	Operation of Power plant	Marcelo Sebben

C.4. Sampling approach

Not applicable as no sampling has been used during the validation.

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	CL 01		
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	CL 02	CAR 01	
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	2	1	-

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

Means of validation	The PDD was crosschecked with the CDM-PDD-FORM template available at the UNFCCC website and with the instructions for filling it out. However, the PDD in tracking changes has not been provided to the validation team. Thus, a CL has been raised.
Findings	CL 01 <i>The PDD in tracking changes has not been provided unlike required by CDM instructions.</i>
Conclusion	All information were correctly transferred from registered PDD version 02a to this revised new final version ^{8/} . Information was updated due to the proposed change of start date of CP. Moreover, some minor editorial corrections have been done to comply with instructions for completing the PDD form version 11 and information regarding the PA approval and authorization have been included and the operational licenses were updated to the current ones. The latest version of the PDD template (CDM-PDD-FORM – version 11.0) available at the UNFCCC website has been used.

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

Means of validation	Not applied
Findings	
Conclusion	

D.3. Corrections

Means of validation	<p>As a change of start date of CP is being requested, the PDD was updated to its new template version (Version 11) and some corrections were carried out:</p> <ul style="list-style-type: none"> ○ As a result of this change, the estimated emission reductions were also updated using the latest information of Grid Emission factor available. ○ PPs information was updated in the PDD (changes in the PP have already been carried out prior this PRC request) ○ Section D.1: Current valid Operational licenses were included ○ Section F: information of Letter of approval was included as per instructions for completing PDD template version 11
Findings	N/A
Conclusion	<p>The updates in the ER calculations were carried out due to change in the start date of CP. As of now, grid emission factor until 2018 are available. Thus the PP updated the ERs using the latest information available. No changes in the estimated Electricity generated by the PA (Parameter EGPJ) was carried out. Furthermore, the PP only updated information that was previously changed (PPs information), information related to operational licenses (included the latest available) and updated information regarding the instructions for completing the PDD form version 11.</p> <p>These corrections were carried out in accordance with PS paragraph 232:</p> <p>PS para 232 <i>"If the project participants make any corrections to the project information or parameters fixed at registration of the CDM project activity as described in the registered PDD, the project participants shall document these corrections in a revised PDD."</i></p> <p>It is important to state that these changes were only carried out due to change in the starting date of the CP and updated information available after PDD registration. Even though less conservative estimated ER were observed, they are</p>

	only related to EFgrid values that were updated to the years which they were available. The EFgrid data is publicly available and calculated by Brazilian DNA ^{/16/} . Thus it results in a more accurate estimative of Emission Reductions. It is not foreseen that there will be an increase in the Electricity generated by the Project activity. No change in the monitoring procedures, parameters fixed ex-ante or in the project design occurred in this project activity. The above changes will not interfere in the registered monitoring plan.
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D.4. Changes to the start date of the crediting period

Means of validation	<p>The project participants have requested the post registration changes as the PA have not started its operation on the date estimated in the registered PDD. Thus, the project participants requested the change of start date of crediting period in accordance with provisions from PS for PA version 02.0.</p> <p>The proposed change on start date of crediting period is from 01/07/2012 to 01/03/2014 (1 year and eight months). Thus, the following paragraph of PS is applicable:</p> <p><i>235 - If the proposed change to the start date of the crediting period of a registered CDM project activity is between one and two years, or between two and four years for a registered CDM project activity hosted by a least developed country, the project participants shall:</i></p> <p><i>(a) Demonstrate that no changes have occurred to the project activity that would result in a less conservative baseline, or update the baseline using conservative data;</i></p> <p><i>(b) Demonstrate that substantive progress has been made by the project participants to start the project activity.</i></p> <p>As per item (a) above, it could be observed that no changes occurred to the project activity: the same amount of wind turbines (94 wind turbines with 2 MW each totalizing 188 MW of installed capacity). The consequence of this change is that the Estimated emission reductions were updated not because the aspects related to the project activity but related exclusively to the update of Grid emission factor^{/16/}.</p> <p>As per item (b) above, delays occurred due to issues during construction phase.</p> <p>However it has been observed the delays were not sufficiently justified and that the estimated ER calculations are not done in accordance with applied methodology and tools.</p>
Findings	<p>CL 02 <i>The reasons for delaying in one year and eight months the start of operation is not sufficiently justified in the PDD.</i></p> <p>CAR 01 <i>The values of grid emission factors applied in the ER calculations are not in accordance with evidences provided. Moreover, the final result is incoherent.</i></p>
Conclusion	<p>The start date has been defined as the operational start date of the 1st wind turbine authorized by ANEEL^{/12/} which happened on 01/03/2014, unlike stated originally in the PDD.</p> <p>It is well substantiated now in the PDD that the project did not start its operation as planned due to delays in the construction of the Shared Generation facility, which was not under PP's control. This information is also public available in the media^{/18/}. The proof that substantive progress has been made is that the project already started its operation on 01/03/2014. Thus, it is proved that the project activity did not postpone its start date without having real intention of start the PA's operation, complying with PS for PA version 02.0 paragraph 235 (b)</p> <p>The change of start date of crediting period follows the provisions of PS for PA version 02.0 para 235 (a) and (b) as they demonstrate that no changes have occurred to the project activity that would result in a less conservative baseline and that substantive progress has been made by the project participants to start the project activity.</p>

	<p>As a consequence of this change, Ex ante calculations have been updated due to the update of grid emission factor values only (parameter $EF_{grid,CM,y}$) and an update to the current valid operational licenses have been made in section D.1 of the PDD.</p> <p>The request is being made in accordance with PCP for PA version 02.0 para 129, where it is said that “<i>The DOE, after validating that the changes to the registered CDM project activity meet all applicable requirements for post-registration changes in the “CDM project standard for project activities” by following the applicable provisions of the “CDM validation and verification standard for project activities” and other applicable CDM rules and requirements, shall submit a request for approval by the Board of changes to the registered CDM in accordance with paragraphs 133 and 134 below (prior-approval track) or together with the next request for issuance of CERs in accordance with section 8.1.1 below (issuance track). The choice of whether the DOE submits the request for approval via the prior-approval track or the issuance track shall be at the discretion of the project participants.</i>”</p> <p>In accordance to PS version 02.0, Appendix, this change is not authorized under issuance track. Thus, it has been requested through prior-approval track.</p>
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D.5. Inclusion of a monitoring plan

Means of validation	Not applied
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	Not applied
Findings	
Conclusion	

D.7. Changes to the project design

Means of validation	Not applied
Findings	
Conclusion	

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

Means of validation	Not applied
Findings	
Conclusion	

SECTION E. Internal quality control

The assessment of Post Registration Changes that is prepared by validation team is reviewed by an independent technical review team (one or more members) to confirm if the internal procedures established and implemented by ESPL were duly complied with and such opinion/conclusion is reached in an objective manner that complies with the applicable CDM rules/requirements.

The technical review team is collectively required to possess the technical expertise of all the technical area/sectoral scope to which the project activity is related. All members of technical review team are independent of the verification team.

During the technical review process, additional findings may be identified or the closed out findings may be opened, which needs to be satisfactorily resolved before the request for issuance is submitted to UNFCCC. The independent technical reviewer may either approve the report as such or reject/return the same in such case providing the comments/findings/issues that needs to be resolved by the verification team. The decision taken by the technical reviewer is final and is authorized on behalf of ESPL

SECTION F. Validation opinion

Earthood Services Private Limited, contracted by CPFL Geração de Energia S/A, has performed the independent validation of the Post Registration Change regarding the change of starting date of crediting period of the project “Electricity generation from renewable sources - Windfarms Santa Clara I, Santa Clara II, Santa Clara III, Santa Clara IV, Santa Clara V, Santa Clara VI and Eurús VI” – Ref.: 5495 – in Brazil.

The following changes were requested during this verification process.

- Change in the start date of crediting period to be postponed from 01/07/2012 to 01/03/2014.
- Corrections:
 - i. As a result of this change, the estimated emission reductions were also updated using the latest information of Grid Emission factor available.
 - ii. PPs information was updated in the PDD (changes in the PP have already been carried out prior this PRC request)
 - iii. Section D.1: Current valid Operational licenses were included
 - iv. Section F: information of Letter of approval was included as per instructions for completing PDD template version 11

The validation team confirms that:

- no changes have occurred to the project activity that would result in a less conservative baseline. The estimated baseline emissions have been updated using latest available data on Grid Emission Factor which results in more accurate estimative (no change in the EG estimation was carried out).
- substantive progress has been made by the project participants to start the project activity
- No changes in the project design or monitoring plan, monitoring parameters or parameters fixed ex-ante were carried out.

The changes were requested in accordance with PS paras 232, 235 (a) and (b) and were requested under prior approval track as per provisions of the PCP for PA para 129, where it is said that “(...) *The choice of whether the DOE submits the request for approval via the prior-approval track or the issuance track shall be at the discretion of the project participant*”.

Appendix 1. Abbreviations

Abbreviations	Full texts
BE	Baseline Emission
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CL	Clarification Request
CM	Combined Margin
CME	Coordinating/Managing Entity
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
CP	Crediting Period
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
EIA	Environmental Impact Assessment
ESPL	Earthhood Services Private Limited
FAR	Forward Action Request
GHG	Green House Gas
GSC/GSP	Global Stakeholder Consultation Process
GW	Giga Watt
GWh	Giga Watt hour
IPCC	Intergovernmental Panel on Climate Change
KP	Kyoto Protocol
kW	kilo Watt
kWh	kilo Watt hour
LoA	Letter of Approval/Authorization
MoC	Modalities of Communication
MoV	Means of Validation
MP	Monitoring Plan
MW	Mega Watt
MWh	Mega Watt hour
OM	Operating Margin
PA	Project Activity
PCP	Project Cycle Procedure
PDD	Project Design Document
PE	Project Emission
PP	Project Participant
PS	Project Standard
tCO ₂ e	Tonnes of Carbon di oxide equivalent
UNFCCC	United Nations Framework Convention on Climate Change
VT	Validation Team
VVS	Validation and Verification Standard

Appendix 2. Competence of team members and technical reviewers

Competence Statement			
Name	Marcelo Sebben		
Country	Brazil		
Education	M.Sc. (Sustainable Energy System) B. Eng. (Chemical Engineering)		
Experience	+12.5 Years		
Field	Chemical process industry, CDM, Energy, Climate Change		
Approved Roles			
Team Leader	Yes		
Validator	Yes		
Verifier	Yes		
Methodology Expert	Yes (ACM0001, ACM0002, ACM0006, AM0065, AMS ID, AMS-I.E, AMS-I.C, AM0026, AMS-I.A, AMS-I.F, AMS-III.H, AMS-III.I. GS: Ecologically Sound Fuel Switch to Biomass with Reduced Energy Requirement, GS: Technologies and Practices to Displace Decentralized Thermal Energy Consumption)		
Local expert	Brazil, Chile, Honduras, Colombia		
Financial Expert	Yes		
Technical Reviewer	No		
TA Expert	Yes (TA 1.1, 1.2, 4.1, 5.1, 9.1, 13.1)		
Reviewed by	Shreya Garg	Date	05/03/2020
Approved by	Anshika Gupta	Date	05/03/2020

Competence Statement			
Name	Shreya Garg		
Country	India		
Education	M.Sc. (Climate Science & Policy), TERI University		
Experience	6 Years +		
Field	Climate Change		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS.I.A., AMS.I.C., AMS.I.D., AMS.I.F., AMS.II.D., AMS.II.G., AMS.II.J., AMS.III.AV., ACM0002, ACM0012		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert	YES (TA 1.2, TA 3.1)		
Reviewed by	Abhishek Mahawar	Date	01/03/2018
Approved by	Ashok Gautam	Date	01/03/2018

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1.	UNFCCC	Standard: CDM PS for PA	version 02.0	Other
2.	UNFCCC	Standard: CDM PCP for PA	version 02.0	Other
3.	UNFCCC	Standard: CDM VVS for PA	version 02.0	Other
4.	UNFCCC	Form: CDM-PDD-FORM	version 11	Other
5.	UNFCCC	Project design document (registered)	version 02a – 10/05/2012	PP
6.	UNFCCC	Validation Report – issued by DNV – Report # 2010-1771	Rev. 02 – 14/05/2012	
7.	PP	Project design document (draft)	version 02b – 05/02/2020	PP
8.	PP	Project design document (revised/final) - Clean - Tracking changes	Version 3: 12/03/2020 Version 4: 03/04/2020 (final)	PP
9.	PP	ER Spreadsheet (draft)	version 1	PP
10.	PP	ER calculation Spreadsheet (revised/final)	version 2 (final)	PP
11.	UNFCCC	<u>Methodology</u> : ACM0002: “Consolidated baseline methodology for gridconnected electricity generation from renewable sources”	version 12.1.0	Other
12.	ANEEL	<u>Start date of Operation</u> : ANEEL dispatch #500 – liberation of units for start of operation from the Wind Complex Santa Clara from 01/03/2014	28/02/2014	PP
13.	PP	<u>Estimated EG_{facility,y}</u> Registered PDD		
14.	CPFL	<u>Technical description</u> : 1. Pictures of plant 2. Pictures wind turbines	03/2020 03/2020	PP
15.	IDEMA – Institute of Sustainable Development and Environment of State of Rio Grande do Norte	<u>Operational licensing</u> Santa Clara I: - operational license # 2016-095904/TEC/RLO-0016 Santa Clara II - operational license # 2016-095904/TEC/RLO-0017 Santa Clara III - operational license # 2016-095908/TEC/RLO-0018 Santa Clara IV - operational license # 2016-095909/TEC/RLO-0019 Santa Clara V - operational license # 2016-095910/TEC/RLO-0020	Valid until 25/08/2021 Valid until 06/09/2020 Valid until 25/08/2021 Valid until 25/08/2021 Valid until 06/09/2020	

		Santa Clara VI - operational license # 2016-095912/TEC/RLO-0021 EURUS VI: - operational license # 2017-111330/TEC/RLS-0216	Valid until 31/08/2020 Valid until 05/12/2023	
16.	EF	Data provided by the Brazilian DNA website regarding the EF _{OM-DD,h} and EF _{BM,y}	http://www.mctic.gov.br/mctic/opencms/ciencia/SEPED/clima/textogeral/emissao_despacho.html	PP
17.	ANEEL/PP	<u>Installed capacity evidences</u> - Technical specification sheet of all wind parks		PP
18.	PP	<u>Evidence of delay in starting the operation of the Wind Energy Complex which was not under PP's control.</u>	https://tnpetroleo.com.br/noticia/cpfl-renovaveis-inicia-operacao-comercial-do-complexo-eolico-santa-clara/	
19.	MCTIC	- DNA of Brazil	http://www.mctic.gov.br	Other
20.	ANEEL	ANEEL – National Agency of Electric Energy	www.aneel.gov.br	
21.	-	IPCC publications	www.ipcc-nggip.iges.or.jp	Other
22.	-	UNFCCC	http://cdm.unfccc.int	Other

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

Table 1. CLs from this validation

CL ID	01	Section no.	D.2	Date : 10/03/2020
Description of CL				
<i>The PDD in tracking changes has not been provided unlike required by CDM instructions.</i>				
Project participant response				Date : 12/03/2020
<i>The PDD in tracking changes has been provided to DOE responsible on 12/03/2020.</i>				
Documentation provided by project participant				
PDD Clean V.3				
PDD TC v.3				
DOE assessment				Date: 26/03/2020
The PDD has been provided in clean and tracking changes in accordance with requirements of CDM PS for post registration changes.				
CL is closed				

CL ID	02	Section no.	D.2	Date : 03/04/2020
Description of CL				
<i>The reasons for delaying in one year and eight months the start of operation is not sufficiently justified in the PDD.</i>				
Project participant response				Date : 03/04/2020
<i>The reason for delaying was better described in PDD. Also there are publicly sources available for the justification described.</i>				
Documentation provided by project participant				
<ul style="list-style-type: none">- PDD- https://tnpetroleo.com.br/noticia/cpfl-renovaveis-inicia-operacao-comercial-do-complexo-eolico-santa-clara/				
DOE assessment				Date: 03/04/2020
The PP has duly justified the reasons for the delay in start of operation of wind energy complex. The reasons were that they had to wait for the construction of the Shared Generation Facility, which was not under PPs control. This information is also public available in the link shared above ^{/18/} .				
CL is closed				

Table 2. CARs from this validation

Table 2: CARs from this validation				
CAR ID	01	Section no.	D.4	Date : 10/03/2020
Description of CAR				
<i>The values of grid emission factors applied in the ER calculations are not in accordance with evidences provided. Moreover, the final result is incoherent.</i>				
Project participant response				Date : 12/03/2020
<i>The values of grid emission factor was adjusted accordingly in the ER calculations spreadsheet version 2</i>				
Documentation provided by project participant				
<i>ER calculations spreadsheet version 2</i>				
DOE assessment				Date: 26/03/2020
The ER calculation has been revised to apply the latest available data for the grid emission factor for each year of the proposed crediting period. For the years which have not EF available to date, the latest data has been applied.				
The calculation is accurate and in accordance with requirements of TOOL07.				
CAR is closed				

Table 3. FARs from this validation

Not applied

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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		