



**Verified Carbon
Standard**

MONITORING REPORT

MANANTIALES BEHR WIND FARM

Document Prepared by Adriana Torchelo

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1 PROJECT DETAILS

1.1 Summary Description of the Implementation Status of the Project

Manantiales Behr wind farm project (hereinafter referred to as the Project or as MBWF) is a Greenfield wind power plant located in the department of Escalante, Province of Chubut, in the south of Argentina. Its total installed capacity is 99 MW and it is connected to the Argentine Interconnection System (hereinafter referred to as the SADI, from the Spanish “Sistema Argentino de Interconexión”).

It was the first wind farm of YPF Energía Eléctrica S.A. (YPF LUZ) and one of the firsts in the country despite Argentina’s great wind potential. Thus, projects like MBWF represent an important renewable and clean non-conventional alternative for electricity generation and a valuable contribution to a sustainable diversification of the Argentine energy matrix.

It consists of 30 aero-generators Vestas, model V-112 3.3 MW IEC IB Class, of 3.3 MW each, totalizing 99 MW of installed capacity, with a hub height of 84 meters and a sweep area of 112 meters.

It was constructed in two phases of 49.5 MW each one. The construction started on 19/09/2016. The operation starting dates of the first and second phases were 01/08/2018 and 22/12/2018, respectively.

The net electricity generated by the Project during this monitoring period (01/01/2021 – 31/12/2021) was 509,495 MWh. With a load factor around 60% MBWF is one of the wind farms with the highest performance in Argentina and worldwide.

The total GHG emissions reductions achieved by the project in this monitoring period are 259,333 tCO_{2e}.

1.2 Sectoral Scope and Project Type

Sectoral scope: 01; Energy industries (renewable - / non-renewable sources)

The Project is not a grouped GHG project.

1.3 Project Proponent

Organization name	YPF Energía Eléctrica S.A. (YPF LUZ)
Contact person	Santiago Sajaroff
Title	Chief Operation Officer
Address	Macacha Güemes 515, Buenos Aires

Telephone	+54 11 54413985
Email	santiago.sajaroff@ypf.com

1.4 Other Entities Involved in the Project

Organization name	Not applicable
Role in the Project	Not applicable
Contact person	Not applicable
Title	Not applicable
Address	Not applicable
Telephone	Not applicable
Email	Not applicable

1.5 Project Start Date

1st August 2018.

Is the commercial operation date (COD) of the project's phase 1 (49.5 MW) when it officially started to dispatch electricity to the Argentinean electricity system, as allowed by CAMMESA's authorization dated on 31/07/2018.

The commercial operation of the second phase (49.5 MW) was completed on 22nd December, 2018 according to CAMMESA's authorization dated on 21/12/2018.

1.6 Project Crediting Period

Project crediting period: 10 years, extendable twice for another 10 years each time.

Start date: 01/08/2018

End date: 31/07/2028

1.7 Project Location

The Project is located in the San Jorge Gulf basin within the Manantiales Behr reservoir operated by YPF S.A., in Escalante Department, province of Chubut, approximately 40 km north-west from Comodoro Rivadavia city, Argentina.

The geographic coordinates of the project are:

Latitude: 45° 40' 12" S

Longitude: 67° 46' 48" W



1.8 Title and Reference of Methodology

The methodology and tools applied by the project are:

- ACM0002 “Grid-connected electricity generation from renewable sources” (version 19.0);
- Tool for the demonstration and assessment of additionality (version 07.0.0);
- Methodological Tool: Investment Analysis (version 09.0);
- Tool to calculate the emission factor for an electricity system (version 07.0);
- Methodological tool: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation (version 03.0).

1.9 Participation under other GHG Programs

The project neither has been registered nor is seeking for registration under any other GHG programs.

1.10 Other Forms of Credit

GHG emissions reductions by the Project are not and will not be included in other emission trading programs or for compliance with binding limits to GHG emissions. Argentina does not have GHG emission compliance nor trading programs in place.

The Project has neither sought nor received another form of GHG-related environmental credit, including renewable energy certificates, during this monitoring period.

1.11 Sustainable Development Contributions

MBWF, owned by YPF Luz, is one of the wind farms with the highest capacity factor (above 60%) worldwide. It dispatches renewable energy to the Argentine national grid, displacing fossil fuel powered electricity and thus, reducing GHG emissions.

MBWF workers have not suffered fatal or non-fatal occupational injuries and are trained according to the company's training program.

YPF Luz also conducts and participates in divulgation and awareness activities about renewable energies and specifically about MBWF for several people.

Furthermore, YPF Luz elaborates and publishes its annual sustainability reports according to GRI standard and in 2021 joined the UN Global Compact.

Table 1: Sustainable Development Contributions

Row number	SDG Target	SDG Indicator	Net Impact on SDG Indicator	Current Project Contributions	Contributions Over Project Lifetime
1)	4.3	Number of participants in training, and divulgation and awareness activities	Implemented activities to increase	In 2021, 10 new MBWF's employees¹ participated in YPF Luz annual training program. Additionally, about 4,000 YouTube viewers visited YPF first, third and fourth sessions of the free online training course on Sustainability, Energy Transition and Renewable Energies, directed to students and professors of the last year of technical education careers on electric power, electromechanics and industrial maintenance, where YPF Luz experts participated as trainers in the first, third and fourth sessions.	Over the project lifetime: i) 30 MBWF's employees² have participated in YPF Luz annual training programs, and 2 MBWF young employees participated in the company's 9 months' new professionals training program. ii) YPF Luz experts have participated in 2020 and 2021 as trainers in YPF Foundation' courses and webinars with more than 24,000 participants registered and about 44,000 views on YouTube in total. In 2019 more than 600 people participated in free renewable energy talks within the Framework of YPF Foundation' Renewable Energy Program, where YPF Luz staff made presentations

¹ The 10 new employees participated in the 2021 annual training program together with other 20 MBWF' employees that started to work in MBWF before 2021 and had already participated in previous annual training programs (2018 – 2020).

² Is the total amount of MBWF employees as per MBWF employees' registry from 31/12/2021. As per the SDG Report for the period 01/08/2018 – 31/12/2020, in 31/12/2020 the total amount of MBWF employees were 25 that have participated in the 2018, 2019 and 2020 annual training programs. During 2021, 3 MBWF employees left the YPF Luz, 2 employees started to work in another YPF Luz projects, and 10 new employees started to work in MBWF. Records provided to the VVB.

					about renewable energy and MBWF and 20 national and provincial journalists participated in a media visit to MBWF.
2)	7.2	7.2.1 Renewable energy share in the total final energy consumption	Implemented activities to increase	The project has generated 509,495 MWh of renewable energy for final energy consumption during the present monitoring period.	The project has generated 1,691,613 MWh of renewable energy for final energy consumption during its lifetime.
3)	7.b	7.b.1 Installed renewable energy-generating capacity in developing countries (in watts per capita)	Implemented activities to increase	No further changes this monitoring period.	The project has installed a renewable energy-generating capacity of 99 MW in Argentina.
4)	8.8	8.8.1 Fatal and non-fatal occupational injuries per 100,000 workers, by sex and migrant status	Implemented activities to decrease	The number of fatal and non-fatal occupational injuries at MBWF during the present monitoring period was zero.	The number of fatal and non-fatal occupational injuries at MBWF during the project lifetime was zero.
5)	12.6	12.6.1 Number of companies publishing sustainability reports	Implemented activities to increase	YFP Luz is elaborating the 2021 sustainability report, which corresponds to the present monitoring period.	YFP Luz has published three annual sustainability reports (2018, 2019 and 2020) and is elaborating its 2021 sustainability report.

6)	13.0	Tonnes of greenhouse gas emissions avoided or removed	Implemented activities to increase	By generating electricity from wind power and dispatching it to the Argentinean national grid, the project has reduced 259,333 tonnes of CO ₂ e during the present monitoring period.	By generating electricity from wind power and dispatching it to the Argentinean national grid, the project has reduced 861,031 tonnes of CO ₂ e during its lifetime.
7)	17.6	Number of companies reporting progress in multi-stakeholder partnerships that support the achievement of the sustainable development goals	Implemented activities to increase	In 2021 YPF Luz joined the UN Global Compact committing to produce an annual Communication on Progress (COP) that details its work to embed the Ten Principles of the UNF Global Compact which strategy is to drive business awareness and action in support of achieving the SDG by 2030.	YPF Luz joined the UN Global Compact.

2 SAFEGUARDS

2.1 No Net Harm

The MBWF project potential environmental and socio-economic impacts and the steps to mitigate them have been identified in the Environmental Impact Assessment (EIA) approved by the Ministry of Environment and Sustainable Development Control of Chubut on 22/07/2016 (Disposición N° 137/16-SGAyDS).

The conclusion of the EIA is that the project activity does not generate significant negative impacts. There are low negative impacts (40%), moderate negative impacts (23%) and positive impacts (37%).

Additionally, according to the analysis of factors most affected by the projects, the most and less affected factors are the economic activity and the workers, respectively, and both are affected positively.

Regarding the wind farm operational stage, as shown in the environmental impact's identification matrix contained in the EIA, all socio-economic impacts identified are positive. The only negative aspects are the impacts on birds' life, the generation of noise and visual impact, although the latter are low impacts given that the project is in an area of hydrocarbon exploitation, not an urban settlement.

To prevent, mitigate and or revert the project negative impacts, an Environmental Management Plan (PGA due to its name in Spanish "Plan de Gestión Ambiental") has been designed as part of the EIA and has been implemented. The main objectives of the PGA are:

- To preserve the environmental quality by minimizing the negative impacts caused in the area of direct influence of the project.
- To encourage the execution of activities planned for the project that cause positive impacts on environmental factors.
- To guarantee the execution of the project in an environmentally responsible manner, controlling the human activities derived from the different stages of the project in a way that they are developed in an appropriate manner.
- To foresee and execute direct and specific actions to prevent or correct the environmental impacts indicated in the environmental report.
- To generate environmental awareness and to promote a responsible attitude that contributes to preserve the environment.

The PGA is divided in general measures and detailed specific measures to mitigate the impacts of each stage of the project. The below table illustrate the preventive, corrective and mitigating measures established for the operational stage:

Action	Impact	Measures
Operation of the energy generation system	Fauna and Flora affectation. Operators.	Before MB operation start, there must be certainty about its perfect operating condition. For this, a series of operations are carried out, including among others: verification of the foundations compaction, control of the laboratory results of materials of all the foundations and towers, circulation situation through the corridors for future maintenance, etc. All security requirements must be met, such as warnings, permanent communication, verification of use of security elements by personnel, team coordination, etc. Within the task plan, the responsibilities of each intervening team must be perfectly defined, according to the management plan to be used. Noise measurements must be carried out in accordance with current laws. Danger sites must be signaled with warning signs. Voltage Installations must be well signaled.
Maintenance	Noise and Particulate Material Generation, fauna and Flora affectation. Operators.	Periodic maintenance of the project's vehicles must be carried out to avoid the disturbance of habitats, shelters and existing natural fauna. Proper functioning of machinery and equipment will be controlled, checking noise control devices. The standards established by the National Communications Commission must be respected. Hunting of wildlife is strictly prohibited. Gathering of wild plants and introduction of non-native not adapted species is prohibited. Regarding the generation of particulate material, trucks that can generate particle emissions from the transported material will be covered with tarpaulins, to avoid loss and dispersion of the material. The maintenance personnel must be provided with all the necessary protective equipment to ensure the health and safety conditions established by the current industrial hygiene and safety standards. Wind turbines will carry out the monitoring and the following records will be implemented (according to ENRE Resolution No. 0197/2011³): a) Annual measurements of noise levels.

³ [https://www.enre.gov.ar/web/bibliotd.nsf/\(\\$IDWeb\)/5AC50951F115D82D0325789C0046B0CF](https://www.enre.gov.ar/web/bibliotd.nsf/($IDWeb)/5AC50951F115D82D0325789C0046B0CF)

Action	Impact	Measures
		b) Noise measurements after the occurrence of extraordinary natural phenomena. c) Vibrations: periodically verification of compliance with IRAM norm 4078/89 in the borders of the power plant. The purpose of these monitoring is to determine the impact on the neighborhood -structures and people- caused by the operation of the plant. Thus, verification should be carried out when there are neighbors in the perimeter or due to claims. d) Bird impact record: sustained monitoring during at least one year after the wind farm operation started to evaluate the real impact of the structures in operation, considering raptors, migratory birds, and endemic birds.

Furthermore, MBWF has in place a Biodiversity Management Plan that defines methodologies for revegetation of affected areas, describes the risk management measures for birds and bats during the different phases of the project and establishes methods to reduce wildlife mortality events.

MBWF has also in place a certified Environmental Management System according to ISO 14.001 which is part of its Integrated Management System (ISO 9001, ISO 14001, and ISO 45001).

2.2 Local Stakeholder Consultation

As stated in YPF Luz 2020 Sustainability Report⁴ to manage its business responsibly, the company seeks to know and understand the opinions of those who are impacted by its operations. For this reason, YPF Luz maintains a fluid dialogue with each of our stakeholders, to identify their needs and expectations in relation to the company, and to keep them informed about its performance. To maintain a continuous and constructive relationship, the company have developed various communication and dialogue channels, which are added to meetings (face-to-face and virtual) and to legally required mechanisms, to ensure the fluid and transparent exchange of information.

The stakeholders' expectations and opinions are revealed through information from direct contacts and internal management and from the several communication and dialogue channels provided by the company. The issues that arise are followed up through the relevant areas of the company. The Institutional Relations Department coordinates relations among the areas and different stakeholders and oversees internal and external communications, marketing, public affairs, and social investment.

⁴ Available at: <https://www.ypfluz.com/Sustainability>

As illustrated in the sustainability report, the company has mapped its stakeholders, their importance, and the dialogue spaces with each of them, encompassing: personnel, trade unions, investors, suppliers, clients, Government and controlling authorities, Media, chambers and associations, community, and general public. Particularly, with regards to the community, the company's philosophy is to maintain an open and fluent dialogue with each community where it operates to identify the impacts of its activities, address questions and complaints and identify the community needs, to jointly define a social investment program, that is implemented with the involvement of the company volunteer employees.

The below table contained in the 2020 Sustainability report, illustrates the community actors identified by the company and the dialogue spaces with them.

Stakeholders	Who are they?	Dialogue Spaces
Community	Neighbors, Communities, Non-profit associations with which YPF Luz works, Universities, Schools near the sites where the company operate.	Meetings with community leaders, Virtual training, Volunteer activities, Press releases, Mentoring and webinars, Surveys, Compliance Channel, Questions and Grievances Channel, Corporate website, Linkedin, Sustainability Report

As above indicated, YPF Luz website (<http://www.ypfluz.com>) is one of the communication channels with the community and all stakeholders. The website provides several information about the company, among others:

- Compliance: code of ethics, anti-bribery policy and the compliance line with the different channels employees and stakeholders can utilize to raise questions or concerns⁵
- Its assets (operational and under construction), including MBWF,
- Sustainability: pillars, reports, policies, management certifications of its assets (quality, environmental, occupational health and safety, energy, among others)
- News about the company,
- Contact channels,
- Etc.

The website invites stakeholders to send their messages (comments, questions, suggestions, grievances) through the website form or writing to the e-mail address:

⁵ <https://www.ypfluz.com/Compliance/En>

sugerenciasypfluz@ypf.com. Additionally, stakeholders can leave a note in the suggestion boxes available at the reception of each YPF Luz site.

Additionally, MBWF has in place a procedure for communication which establishes the method used for documenting internal and external communications.

Finally, as also stated in the 2020 Sustainability Report, YPF Luz has in place a questions and grievances handling system which ensures traceability, follow-up of and response to each grievance or comment received, both internally and from third parties. In accordance with the Questions and Grievances Policy, any question or grievance received must be recorded for follow-up purposes. Any suggestion, question and grievance received is recorded in a single database, where follow-up on the issue is recorded until closure, including details about the claimant, areas involved and other relevant data. The system is confidential and is managed by the Institutional Relations Department, which grants access on a case-by-case basis to the areas that are required to act. Efforts are made to respond all questions and grievances within 10 days. If no satisfactory response can be given within this period, the stakeholder is informed on progress. Each question or grievance received is assigned a case number and all documentation related to it is filed in the Database of Questions and Grievances.

According to the questions and grievances handling system records, in 2021 YPF Luz received 107 questions and grievances that were answered within maximum 4 days. 43 were general comments and the other 64 were about other projects of the company, none of them related with MBWF.⁶

Thus, during the present monitoring period the project has not received comments and/or questions from local stakeholders.

2.3 AFOLU-Specific Safeguards

Not applicable. The present project activity is a non-AFOLU project.

3 IMPLEMENTATION STATUS

3.1 Implementation Status of the Project Activity

MBWF has operated under normal conditions during the present monitoring period. There has not been any event of break down or non-operational phase of the entire wind farm. There have been only stops of some turbines during short periods (less than a day) due to maintenance or minor failures with minimum impact on the GHG emissions reductions.

⁶ YPF Luz questions and grievances handling system records for 2021 has been provided to the VVB at verification.

With regards to MBWF monitoring, the organizational structure, responsibilities, and competencies of the monitoring personnel has been established as stated in the registered PD. The methods for measuring, recording, storing, aggregating, collating and reporting data and parameters has followed the Wholesale Electricity Market Administrator Company (CAMMESA) technical procedures regarding the Commercial Measurement System (“SMEC” from the Spanish Sistema de Medición Comercial) and the Real Time Operation System (“SOTR” from the Spanish Sistema de Operación en Tiempo Real)⁷ as required for projects that dispatch electricity to the Wholesale Electricity Market (“MEM” from the Spanish Mercado Eléctrico Mayorista).

During the present monitoring period, there has only been one modification regarding MBWF Electric-Commercial Metering System (SMEC) electricity meters and their location as explained in section 3.2.2. Until 27/03/2021 the main and back-up SMEC electricity meters were located at Escalante substation. From this date onwards the MBWF substation meters (two billing meters and two back-up meters that measure the generation of 15 aerogenerators each one) started to operate as the MBWF SMEC meters. All MBWF SMEC electricity meters have been and are high accuracy measurement devices in compliance with CAMMESA’ requirements and the procedures for maintenance of the monitoring equipment have been conducted in accordance with national procedures and standards as stated in the registered PD. Further details are provided in section 4.2 below.

3.2 Deviations

3.2.1 Methodology Deviations

There have not been any methodology deviations during the present monitoring period.

3.2.2 Project Description Deviations

According to the project description: “The energy generated by the complex is transmitted to a new substation constructed and owned by YPFEE (SE Manantiales Behr) which is connected to the SADI through a 21 km high tension transmission line that connects YPEE’s substation to the substation SE Escalante where the electricity billing meter (the main meter) is located.”

However, during the present monitoring period MBWF electricity billing meters and their location has changed.

The reason for this change was that on 27/03/2021 the natural gas thermal power plant Manantiales Behr II (CTMB II) started to operate upstream MBWF and this new power plant is connected to the SADI through MBWF. Thus, once the CTMB II started to operate, the electricity measured at Escalante substation was the electricity generated by both projects. For this

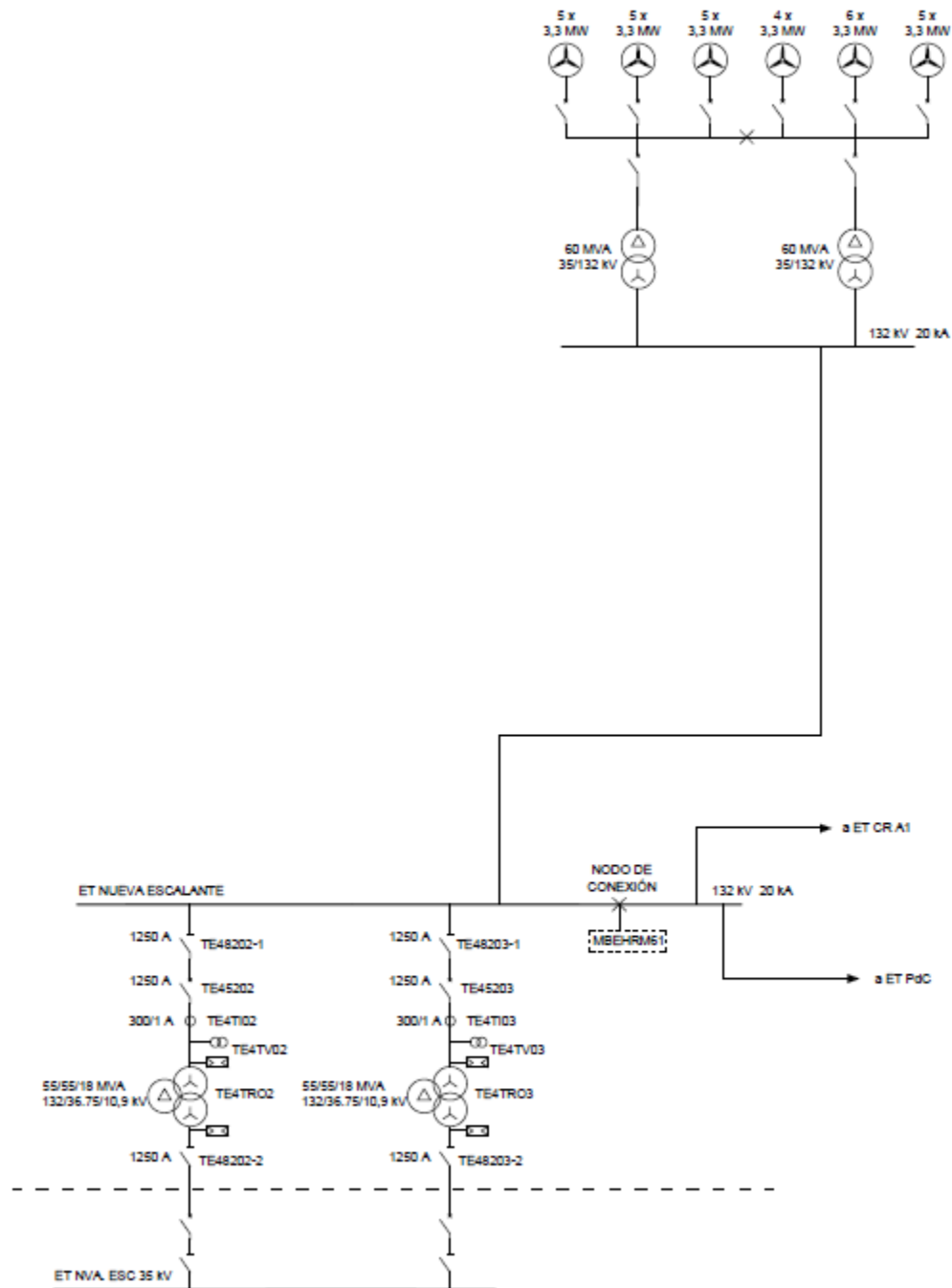
⁷ CAMMESA Procedures Version XXVIII, Annex 24 (Operation and dispatch system (SOD)); <https://cammesaweb.cammesa.com/los-procedimientos/>

reason, prior to CTMB II operation start, CAMMESA resolved to establish two new nodes with SMEC electricity meters at each project' substation to directly measure the electricity generated by each one once CTMB II started to operate. CAMMESA officially communicated this modification to the PP through a letter that included the new line diagram, with the names of the nodes and SMEC meters⁸.

Due to the above, until 27/03/2021 the main (billing) and back-up SMEC meters (MBHERM61) that directly measured MBWF electricity generation were located at Escalante substation as stated in the registered PD and illustrated in the below line diagram that shows the location and connection to the national electrical grid system (SADI).

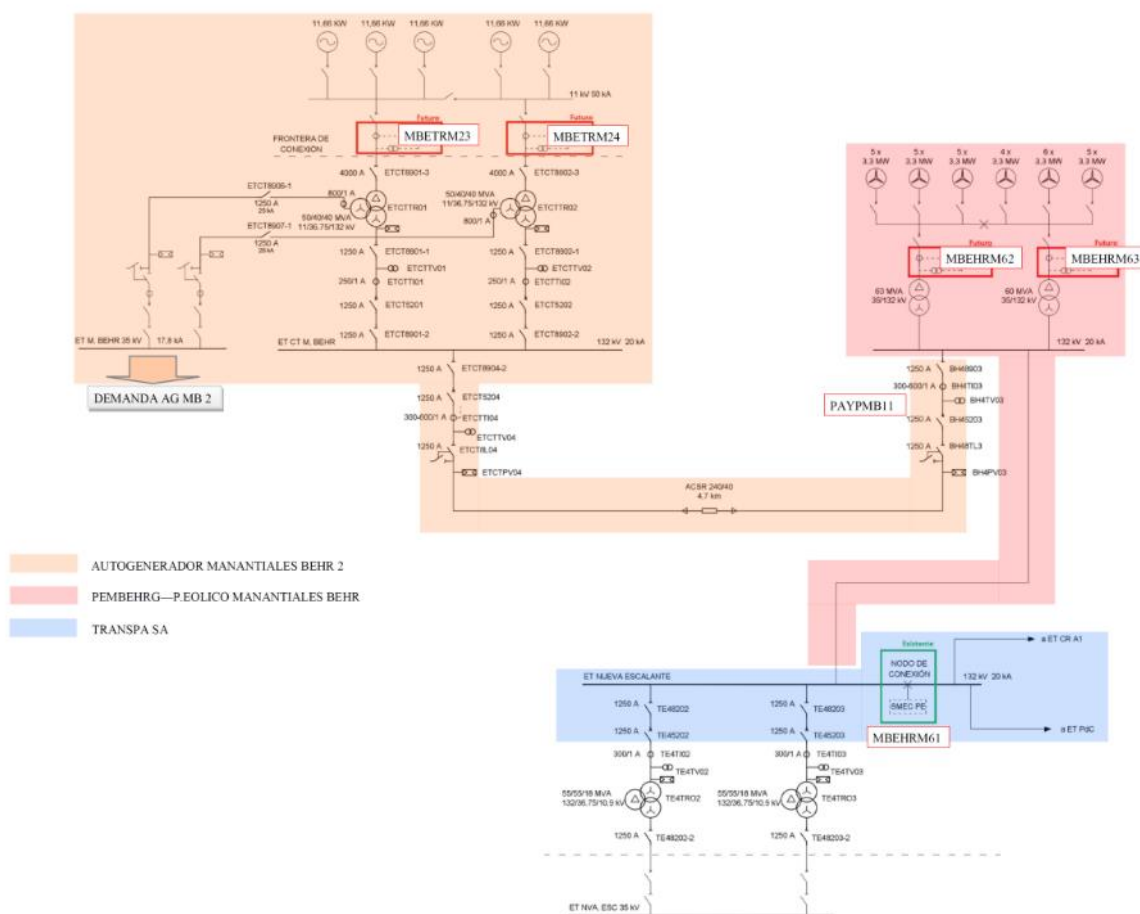
⁸ CAMMESA letter to the PP has been provided to the VVB at verification.

From 27/03/2021 onwards, as established by CAMMESA, Manantiales Behr substation meters (2 main (billing) meters and 2 back-up meters that measure the generation of 15 aerogenerators each one) started to operate as MBWF' SMEC meters (MBHERM62 and MBHERM63).



The below line diagram illustrates their location and connection to the SADI through a high-tension transmission line that connects MBWF substation to Escalante substation. The line diagram also illustrates the CTMB II location upstream MBWF, its billing meters (MBETRM23 and MBETRM24) and its connection to the SADI through MBWF (node PAYPMB 11)⁹. Thus, it shows that once the CTMB II started to operate, the electricity measured at Escalante substation (MBHERM61) is the electricity generated by both projects and explains why CAMMESA established the two new nodes with SMEC electricity meters at each project' substation to directly measure the electricity generated by each one. In this regard, CAMMESA letter to PP also established that once MBWF new nodes started to operate, MBEHRM61 node would be removed.

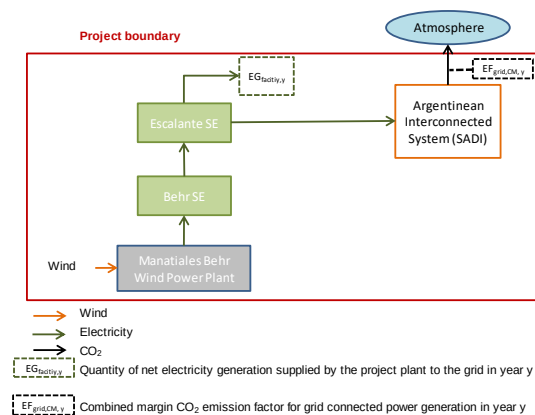
Line diagram from 27/03/2021 onwards:



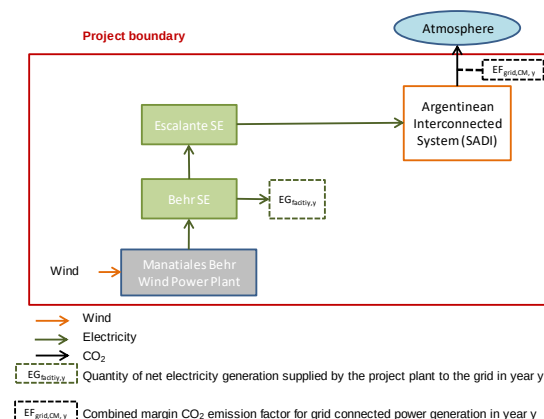
⁹ Line diagram as per CAMMESA letter.

According to the above stated, the below flow diagrams summarize the equipment, systems and flows of mass and energy including the emissions sources and GHGs included in the project boundary as per the registered PD and from 27/03/2021 onwards.

Registered PD (until 27/03/2021):



From 27/03/2021 onwards:



All MBWF' SMEC electricity meters have been and are high accuracy measurement devices (bi-directional energy meter Class 0.2S) in compliance with CAMMESA' regulated requirements and as stated in the registered PD, and the procedures for maintenance, calibration and failures of the monitoring equipment have been conducted in accordance with national procedures and standards as stated in the registered PD and as required by the applicable methodology ACM0002 Version 19.0.

Thus, the present PD deviation only encompasses a change of the meters' equipment and their location. It does not impact the applicability of the methodology, additionality or the appropriateness of the baseline scenario, and the project remains in compliance with the applied methodology, as below demonstrated.

The project additionality has been demonstrated in the registered PD through investment analysis and common practice analysis. The present PD deviation is without the category of changes that may impact the validity of investment analysis, as per the *CDM Guidelines on assessment of different types of changes from the project activity as described in the registered PDD*, such as: changes in the effective output capacity due to increased installed capacity or number of units, addition of component or extension of technology, removal or addition of one (or more) site of a project activity registered with multiple-sites, or different values of those actual operational parameters relevant to determination of emission reduction which are within the control of project participant and which result in the IRR passing the benchmark as described in the registered PDD.

Thus, this PD deviation does not affect the additionality of the project activity.

Regarding the baseline scenario of the present project activity, as stated in the registered PD it is a greenfield project, and according to the applicable methodology ACM0002 (version 19.0): “If the project activity is the installation of a Greenfield power plant, the baseline scenario is the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the Tool to calculate the emission factor for an electricity system.”

The present PD deviation does not affect the project activity connection to the Argentinean national grid (SADI) which continues to be through a 21 km high-tension transmission line that connects MBWF substation to the Escalante substation. Thus, this PD deviation does not impact the appropriateness of the baseline scenario of the project.

Finally, the present PD deviation does not impact the applicability/application of the baseline methodology since the change of meters equipment and their location does not affect or impact any of the ACM0002 (version 19.0) applicability criteria that were demonstrated in section 2.2 of the registered PD. Thus, the project remains in compliance with the applied methodology.

Consequently, the above-described PD deviation does not impact the applicability of the methodology, additionality or the appropriateness of the baseline scenario, and the project remains in compliance with the applied methodology. Thus, it has been described and justified in the present monitoring report as per item b) of section 3.19.2 of VCS Standard v4.3.

3.3 Grouped Projects

Not applicable. MBWF is not a grouped project.

4 DATA AND PARAMETERS

4.1 Data and Parameters Available at Validation

Data / Parameter	EF _{grid,OM,y}
Data unit	tCO ₂ /MWh
Description	Operating Margin Emissions factor
Source of data	Registered PD
Value applied	0.532
Justification of choice of data or description of	Calculated according to the Tool to calculate the emission factor for an electricity system, (version 07.0).

measurement methods and procedures applied	
Purpose of Data	Calculation of baseline emissions
Comments	-

Data / Parameter	$EF_{grid,BM,y}$
Data unit	tCO ₂ /MWh
Description	Build Margin Emissions factor
Source of data	Registered PD
Value applied	0.440
Justification of choice of data or description of measurement methods and procedures applied	Calculated according to the Tool to calculate the emission factor for an electricity system, (version 07.0).
Purpose of Data	Calculation of baseline emissions
Comments	-

Data / Parameter	$EF_{grid,CM,y}$
Data unit	tCO ₂ /MWh
Description	Combined Margin Emissions factor
Source of data	Registered PD
Value applied	0.509
Justification of choice of data or description of measurement methods and procedures applied	Calculated according to the Tool to calculate the emission factor for an electricity system, (version 07.0).
Purpose of Data	Calculation of baseline emissions
Comments	-

4.2 Data and Parameters Monitored

Data / Parameter	$EG_{facility,y}$ (or $EG_{PJ,y}$)
Data unit	MWh/yr
Description	Quantity of net electricity generation supplied by the project plant/unit to the grid in year y
Source of data	Electricity meter

Description of measurement methods and procedures to be applied	CAMMESA´s Electric-Commercial Metering System (Sistema de Medición Eléctrico Comercial – SMEC) includes all the equipment required for the measurement and recording of energy dispatched at each node. In line with these requirements, MBWF SMEC comprises: i) a main meter (the billing meter) and a “control” (back-up) meter located at Escalante Substation until 27/03/2021; and ii) two main meters and 2 back-up meters at MBWF Substation from 27/03/2021 onwards. They are sealed and controlled by CAMMESA. YPF Luz, as well as any other MEM Agent, are prohibited from unsealing the SMEC meters. The SMEC deliver measurements of generated energy every 15 minutes. Daily CAMMESA remotely downloads the records and elaborates the “Post-Operative Reports”. The values monitored illustrated below come from CAMMESA monthly reports.¹⁰																																																											
Frequency of monitoring/recording	Continuous measurements and monthly recorded.																																																											
Value monitored	509,495																																																											
Monitoring equipment	<table><tr><td></td><td colspan="2">Main (billing) meters</td><td colspan="2">Back-up (control) meters</td></tr><tr><td colspan="5">Until 27/03/2021</td></tr><tr><td>ID</td><td colspan="2">MBEHM61P</td><td colspan="2">MBEHM61C</td></tr><tr><td>Brand & model</td><td colspan="2">CIRCUTOR/ CIRWATT 402-MT1A</td><td colspan="2">CIRCUTOR/ CIRWATT 402-MT1A</td></tr><tr><td>Serial number</td><td colspan="2">351608472</td><td colspan="2">351608473</td></tr><tr><td>Accuracy class¹¹</td><td colspan="2">0.2S</td><td colspan="2">0.2S</td></tr><tr><td>Location</td><td colspan="2">Escalante Substation</td><td colspan="2">Escalante Substation</td></tr><tr><td colspan="5">From 27/03/2021 onwards</td></tr><tr><td>ID</td><td>MBEHM62 P</td><td>MBEHM63 P</td><td>MBEHM62 C</td><td>MBEHM63 C</td></tr><tr><td>Brand & model</td><td colspan="2">CIRCUTOR/ CIRWATT 402-MT1A- 26D</td><td colspan="2">CIRCUTOR/ CIRWATT 402- MT1A- 26D</td></tr><tr><td>Serial number</td><td>35160849 5</td><td>35160024 8</td><td>35160850 1</td><td>35160442 3</td></tr></table>						Main (billing) meters		Back-up (control) meters		Until 27/03/2021					ID	MBEHM61P		MBEHM61C		Brand & model	CIRCUTOR/ CIRWATT 402-MT1A		CIRCUTOR/ CIRWATT 402-MT1A		Serial number	351608472		351608473		Accuracy class ¹¹	0.2S		0.2S		Location	Escalante Substation		Escalante Substation		From 27/03/2021 onwards					ID	MBEHM62 P	MBEHM63 P	MBEHM62 C	MBEHM63 C	Brand & model	CIRCUTOR/ CIRWATT 402-MT1A- 26D		CIRCUTOR/ CIRWATT 402- MT1A- 26D		Serial number	35160849 5	35160024 8	35160850 1	35160442 3
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¹⁰ File name: “BASE_INFORME_MENSUAL_2022-01.zip” / “BASE_OFERTA_INFORME_MENSUAL_2022-01.xls”. Route of access: “CAMMESA website” / “Informes y estadísticas” / “Descargar histórico” / “Descargar Informes Históricos”; Link: <https://cammesaweb.cammesa.com/informe-sintesis-mensual/>

¹¹ CAMMESA Procedures, Version XXVIII, Annex 24: Operation and Dispatch System (SOD); Version 31-May-2020; Page 271 (Characteristics of equipment and accuracy class/Meters of power utilities with installed capacity equal or greater than 20 MW; <https://cammesaweb.cammesa.com/los-procedimientos/>

	Accuracy class ¹²	0.2S	0.2S	0.2S	0.2S
	Location	MBEHR Substation		MBEHR Substation	
QA/QC procedures to be applied	Meters were calibrated according to CAMMESA procedures. In this regard, CAMMESA's Technical Procedure 14 (SMEC External Audits)¹³ states that CAMMESA, as responsible for the certainty of the data used in transactions between MEM Agents and the supervision of the accuracy of the data generated in the SMEC, must carry out the tests and verifications of equipment and facilities affected to it, by itself or through the total or partial contracting of the service to third parties. Verifications are conducted according to CAMMESA's Action Plan, which is a set of annual verification tasks on a sample of SMECs determined by CAMMESA. According to CAMMESA webpage (https://cammesaweb.cammesa.com/auditoria/#acalidad) the purpose of the verifications or audits and the sample of SMECs are as follows: "The Measurement Quality Audits are intended to verify that the SMEC nodes that are already commercially authorized continue to meet the quality standards with which they were originally audited and are in line with current regulatory requirements. Within this framework, 240 measurement points are audited per year, divided equally between the North and South zones. The selection of the nodes to be audited is random, following a sampling grid that allows a global panorama of the entire SMEC node park. In this way, the audits to be carried out are proportionally distributed among the different types of MEM Agents to obtain a balanced sample. In addition to the annual audit plan, the regulations provide that CAMMESA may require a specific audit to be carried out on a SMEC node in the event of alleged deviations in its quality." As a result, MBWF SMEC meters were verified (calibrated) according to CAMMESA scheduling and as per its procedures. The MBWF SMEC electricity meters located at Escalante Substation were verified on one occasion, on 13/08/2018 and				

¹² CAMMESA Procedures, Version XXVIII, Annex 24: Operation and Dispatch System (SOD); Version 31-May-2020; Page 271 (Characteristics of equipment and accuracy class/Meters of power utilities with installed capacity equal or greater than 20 MW; <https://cammesaweb.cammesa.com/los-procedimientos/>

¹³ CAMMESA Procedures, Version XXVIII, Technical Procedure P.T. 14: SMEC External Audits; Version 31-May-2020; Pages 292-312; <https://cammesaweb.cammesa.com/los-procedimientos/>

	the MBWF SMEC electricity meters located at MBEHR Substation were verified on 15/04/2021.¹⁴ In case of meters failures CAMMESA procedure of data collection in emergency is followed.¹⁵ The net electricity generation data from MBWF SMEC, contained in CAMMESA monthly reports publicly available, has been cross-checked with MBWF electricity sales records contained in CAMMESA monthly Economic Transactions Documents (DTE, due to its name in Spanish) available to the MEM Agents. All data collected during the monitoring period has been archived electronically and will be kept at least for 2 years after the end of the last crediting period.
Purpose of the data	Calculation of baseline emissions
Calculation method	Not applicable
Comments	-

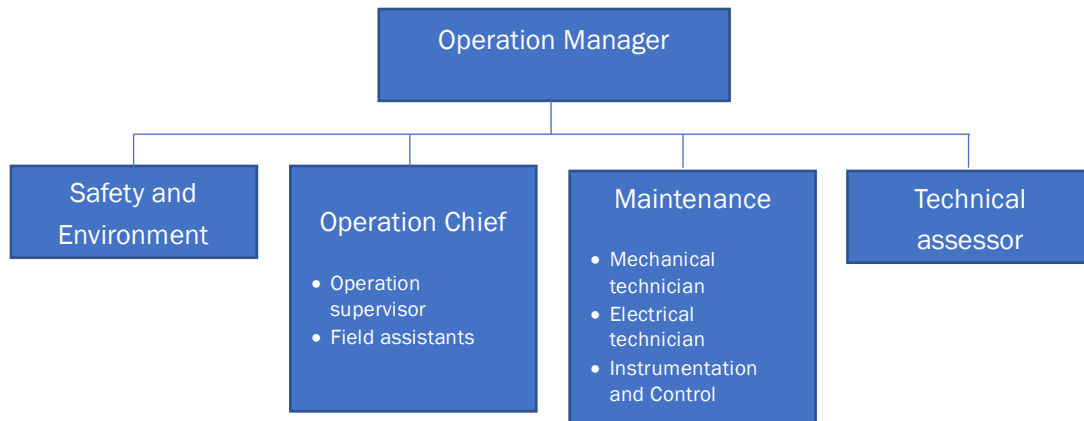
4.3 Monitoring Plan

Organizational structure, responsibilities and competencies of the personnel that carried out monitoring activities

The organizational structure of the project for the operation, maintenance, safety, and environment task is illustrated in the diagram below.

¹⁴ The PD applied methodology ACM0002 Version 19.0. Paragraph 65 of the methodology establishes: “65. In addition, the monitoring provisions in the tools referred to in this methodology apply. Accordingly, $EG_{facility,y}$ and $EG_{PJ_Add,y}$ shall be determined as per “TOOL05: Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation”. Regarding QA/QC procedures, the applicable version 03.0 of the tool establishes in “Data / Parameter table 12” ($EG_{PJ,grid,y}$ or $EG_{PJ,facility,l,y}$): “In cases where electricity meters are regulated (e.g. the electricity is supplied to the electric grid), the electricity meter will be subject to regular maintenance and testing in accordance with the stipulation of the meter supplier and/or as per the requirements set by the grid operators or national requirements. The calibration of meters, including the frequency of calibration, should be done in accordance with national standards or requirements set by the meter supplier or requirements set by the grid operators.” Consequently, given that the calibration of MB SMEC meters, including the frequency of calibration, is conducted in accordance with national standards or requirements set by the meter supplier or requirements set by the grid operators (CAMMESA’s Technical Procedure 14 (SMEC External Audits), the calibration (including its frequency) of MB SMEC meters during the monitored period covered by the present MR is in compliance with the requirements established by ACM0002 Version 19.0 and the applicable tool “Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation”, Version 03.0.

¹⁵ CAMMESA Procedures, Version XXVIII, Technical Procedure P.T. 3: Commercial Measurement System (SMEC) Procedure of data collection in emergency; Pages 19-33; <https://cammesaweb.cammesa.com/los-procedimientos/>



The operation supervisor and field assistants are responsible for monitoring the operation and electricity generation of the wind farm in accordance with CAMMESA requirements. They have permanent presence in the control room of MBWF.

Detailed roles and responsibilities of the relevant staff involved in monitoring have been established and they have received relevant training, when required, to ensure that monitoring duties are performed by trained staff.

Methods for measuring, recording, storing, aggregating, collating, and reporting the data on monitored parameters

As above mentioned, MBWF electricity generation is dispatched to the Wholesale Electricity Market (MEM). Therefore, measuring, recording, storing, aggregating, collating, and reporting data and parameters follow CAMMESA technical procedures regarding the SMEC and the Real Time Operation System ("SOTR" from the Spanish Sistema de Operación en Tiempo Real).¹⁶

All commercial transactions in the MEM require measurement of active energy at the MEM nodes, where generators are connected to the grid (delivery point). The SMEC established by CAMMESA for commercial purposes includes all the equipment required for the measurement and recording of energy delivered at each node. Communication systems allow direct remote access for auditing purpose to the records at all the nodes.

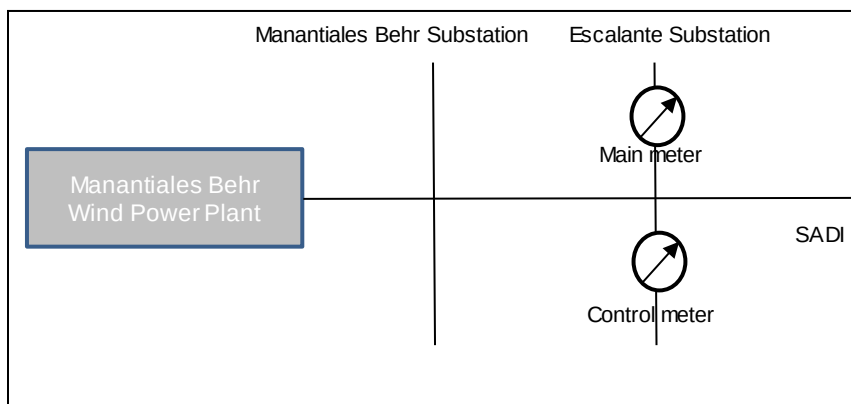
As described in section 2.1.2 above, MBWF net electricity generation supplied to the grid was measured at the SMEC meters located at Escalante substation until 27/03/2021 and from that date onwards at the SMEC meters located at MBWF substation.

The SMEC system measures the net electricity generated by MBWF and result in the final value that is used for commercial purposes. All the SMEC devices measure, record and store the delivered electricity data. They are sealed and controlled by CAMMESA. The SMEC deliver measurements of generated energy every 15 minutes and has a storage capacity of information in circular memory is no less than 35 days.

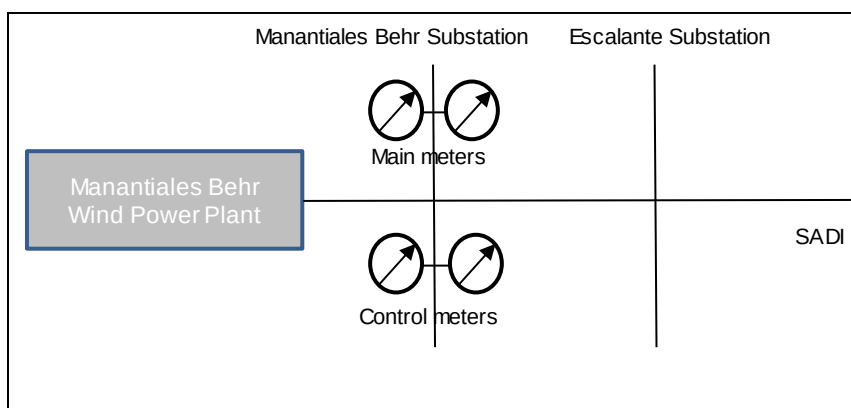
¹⁶ CAMMESA Procedures, Version XXVIII, Annex 24: Operation and Dispatch System (SOD); Version 31-May-2020; Page 271; <https://cammesaweb.cammesa.com/los-procedimientos/>

The line diagrams below illustrate the measurement arrangements during the present monitoring period:

Until 27/03/2021:



From 27/03/2021 onwards:



CAMMESA elaborates with the recorded data received from the SMEC a “Post-Operative Report” which is published by CAMMESA in its web site every 4 days and each generator agent is allowed to look all the recorded data of CAMMESA. MBWF operation personnel are well trained and have the resources to gather and process all the information from the SMEC.

CAMMESA monthly reports, which are publicly available, are the official source utilized to report the net electricity generated by the project plant to the grid and calculate the GHGs emissions reductions.¹⁷

No sampling approaches are applicable to this project activity.

¹⁷ File name: “BASE_INFORME_MENSUAL_2022-01.zip” / “BASE_OFERTA_INFORME_MENSUAL_2022-01.xls”. Route of access: “CAMMESA website / “Informes y estadísticas” / “Descargar histórico” / “Descargar Informes Históricos”; Link: <https://cammesaweb.cammesa.com/informe-sintesis-mensual/>

All data collected as part of monitoring has been archived electronically and will be kept at least for 2 years after the end of the last crediting period.

Procedures used for handling any internal auditing performed and any non-conformities identified

MBWF has in place an Integrated Management System certified ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018).

Audits and non-conformities and improvement opportunities procedures has been established as part of the management system. The non-conformities procedure covers the detection of a non-conformity or opportunity for improvement, the analysis of causes, the proposal of corrective or improvement actions, their implementation and monitoring, the closing of actions and finally the evaluation of their effectiveness. It also states the roles and responsibilities through the process and system utilized to report and treat the non-conformity or the improvement opportunity.¹⁸

5 QUANTIFICATION OF GHG EMISSION REDUCTIONS AND REMOVALS

5.1 Baseline Emissions

According to the methodology ACM0002 “Grid-connected electricity generation from renewable sources” (Version 19.0) ¹⁹ baseline emissions include only CO₂ emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity. The methodology assumes that all project electricity generation would have been generated by existing grid-connected power plants and the addition of new grid-connected power plants.

The baseline emissions are calculated as follows:

$$BE_y = EG_{PJ,y} \times EF_{grid,CM,y}$$

Where:

BE_y	=	Baseline emissions in year y (tCO ₂ /yr)
$EG_{PJ,y}$	=	Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the project activity in year y (MWh/yr)
$EF_{grid,CM,y}$	=	Combined margin CO ₂ emission factor for grid connected power

¹⁸ The 2021 report and treatment of non-conformities has been provided to the VVB at verification.

¹⁹ Available at: <https://cdm.unfccc.int/methodologies/DB/XP2LKUSA61DKUQC0PIWPGWDN8ED5PG>

generation in year y calculated using the latest version of the “*Tool to calculate the emission factor for an electricity system*” (tCO₂/MWh)

Calculation of $EG_{PJ,y}$

As the project activity is the installation of a Greenfield power plant, then:

$$EG_{PJ,y} = EG_{facility,y}$$

Where:

$EG_{PJ,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the project activity in year y (MWh/yr)

$EG_{facility,y}$ = Quantity of net electricity generation supplied by the project plant/unit to the grid in year y (MWh/yr)

MBWF $EG_{PJ,y}$ during the present monitoring period has been:

Year	$EG_{PJ,y}$ (MWh/yr)
2021	509,495

The combined margin CO₂ emission factor for grid connected power generation in year y ($EF_{grid,CM,y}$), as stated in the registered PD is:

$$EF_{grid,CM,y} = 0.509 \text{ tCO}_2/\text{MWh}$$

As a result, the baseline emissions during each year of the present monitoring period have been:

Year	BE_y (tCO _{2e} /yr)
2021	259,333

5.2 Project Emissions

According to the methodology project emissions (PE_y) for wind projects that do not use fossil fuels for electricity generation are zero.

Therefore,

$$PE_y = 0$$

5.3 Leakage

According to the methodology ACM0002 “Grid-connected electricity generation from renewable sources” (version 19.0) the following is stated: “No leakage emissions are considered. The emissions potentially arising due to activities such as power plant construction and upstream emissions from fossil fuel use (e.g. extraction, processing, transport) are neglected”.

Therefore,

$$L_y = 0$$

5.4 Net GHG Emission Reductions and Removals

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
Year 2021	259,333	0	0	259,333
Total	259,333	0	0	259,333

The GHG emission reductions of MB in the present monitoring period was only 1.3 % higher than the emission reductions estimated ex ante in the registered PD (255,976 tCO₂) because the net electricity generation (509,495 MWh) was 1.3 % higher than the estimated net electricity generation or net yield (502,900 MWh) which is based on a P50 basis, according to the “Certificate of the resource and annual energy production” conducted by EAPCSUR Wind Energy during the project development.

In this regard, is important to consider that, as stated in the registered PD, MBWF phase 1 and phase 2 load factors were determined by a third-party specialized company (EAPCSUR Wind Energy) based on 3 years historical data during the project development in 2016. The load factors were estimated based on the long-term average electricity generation with 50% probability of occurrence in any given year (P50) and the Project net electricity generation or P50 net yield was estimated to be 502,900 MWh/year with an uncertainty or standard deviation of 4.2% (4.0% phase 1 and 4.4.% phase 2).²⁰

According to page 9 of EAPCSUR report, the annual energy production (net yield) of MB, obtained after deducting (from the estimated gross yield) the estimated losses of the project, corresponds to the central value of the Annual Energy Production (PAE, due to its name in Spanish) forecast, which is exceeded with a probability of 50% in the long term (P50). This

²⁰ Certificate of the resource and annual energy production (PAE) – Wind Power Project Manantiales Behr; EAPCSUR Wind Energy; page 11 (PAE with exceedances levels (20 years). Provided to the VVB at verification.

means that there is a 50% probability that the estimated PAE will not be reached in any year in a 20-year period (the project lifetime). Nevertheless, there is also a 50% probability that the estimated value will be exceeded.

In conclusion, the MBWF net electricity generation during the present monitoring period is within the 4.2% standard deviation of the P50 net yield according to EAPCSUR study and is technically feasible considering that as above stated P50 means that there is 50% probability that the estimated net yield will not be reached but there is also a 50% probability that it will be exceeded in any year of the project lifetime.

APPENDIX I: SUSTAINABLE DEVELOPMENT CONTRIBUTIONS SUPPORTING EVIDENCE

1. Target 4.3:

Regarding YPF Luz sustained training activities:

Activities during the present monitoring period:

In 2021, 10 new MBWF's employees, (together with the other 20 employees that stated to work in MBWF before 2021) participated in YPF Luz 2021 training program.

The statement is supported by the below evidence:

- YPF Luz training program is stated in page 93 of YPF Luz 2020 Sustainability report (<https://www.ypfluz.com/Sustainability>):

"TRAINING AND DEVELOPMENT

MATERIAL TOPIC EMPLOYEE TRAINING

GRI CONTENTS 103-2, 103-3, 404-1, 404-2, 404-3

Our Training Program includes trainings and talks delivered by internal trainers where YPF LUZ's own employees share their knowledge and experiences, transmitting our DNA to the entire company.

Training is an important part of our company's culture. All employees, regardless of their level or seniority, are aware of the need to constantly improve their competences, abilities, and skills. Each sector leader understands and commits to supporting their team members along their individual career development plans and will establish the necessary actions to ensure everyone's professional development.

These plans must contain specific technical training actions (inherent to the respective discipline, supplementary, or horizontal), generic and/or management-related, and as applicable to an employee's current or future position.

We develop training road maps establishing the main, but not all, contents an employee needs to know and deal with according to his or her position. On the other hand, we have career coaches and mentors, particularly for new professionals or interns joining the company. All these actions are subject to review on an ongoing basis, and annually, at the time of performance appraisal to update each employee's requirements and needs.

We surveyed the training needs of all our employees distributed across 5 sites."

- The number of MBWF' full-time and permanent direct employees for its operation is stated in YPF Luz Human Resources division personnel records, that indicate the role, sex ("V" for men and "M" for women), age, dedication and type of contract.

According to the records below illustrated, up to December 31, 2021, 30 technicians and professionals have been hired in full-time and permanent positions. 10 are new employees hired in 2021 that participated in the 2021 annual training program, and the other 20 MBWF'

employees had started to work in MBWF before 2021 and had already participated in previous annual training programs (2018 – 2020).

It is important to clarify that, as per the SDG Report for the period 01/08/2018 – 31/12/2020, in 31/12/2020 the total amount of MBWF employees were 25 that have participated in the 2018, 2019 and 2020 annual training programs. During 2021, 3 MBWF employees left the YPF Luz, 2 employees started to work in another YPF Luz projects, and 10 new employees started to work in MBWF. Thus, the total amount of MBWF employees by the end of 2021 was 30. Records of MBWF employees provided to the VVB.

YPF LUZ

Fecha efectiva de los datos: 31/12/2021

Cantidad de Registros = 30

Posición	División de personal	Subdivisión de personal	Sexo	Edad	Dedicación	Tipo de contrato
REFERENTE OPERACIONES	CHUBUT	MANANTIAL BEHR	V	56	Full time	Ilimitado
COORDINADOR TI REGIONAL SUR	CHUBUT	MANANTIAL BEHR	V	44	Full time	Ilimitado
JEFE OPERACIONES SUR	CHUBUT	MANANTIAL BEHR	V	48	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	32	Full time	Ilimitado
SUPERVISOR DE TURNO	CHUBUT	MANANTIAL BEHR	V	33	Full time	Ilimitado
GERENTE OPERACIONES SUR	CHUBUT	MANANTIAL BEHR	V	44	Full time	Ilimitado
JEFE CMASS SUR	CHUBUT	MANANTIAL BEHR	V	53	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	29	Full time	Ilimitado
JEFE PARQUE EOLICO CAÑADON LEON	CHUBUT	MANANTIAL BEHR	V	35	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	29	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	35	Full time	Ilimitado
INGENIERO MANTENIMIENTO MECANICO	CHUBUT	MANANTIAL BEHR	M	29	Full time	Ilimitado
SUPERVISOR DE TURNO	CHUBUT	MANANTIAL BEHR	V	35	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	40	Full time	Ilimitado
ANALISTA CMASS	CHUBUT	MANANTIAL BEHR	V	38	Full time	Ilimitado
JEFE MANTENIMIENTO SUR	CHUBUT	MANANTIAL BEHR	V	48	Full time	Ilimitado
TECNICO GESTION DOCUMENTAL	CHUBUT	MANANTIAL BEHR	V	38	Full time	Ilimitado
INGENIERO CONSTRUCCIONES	CHUBUT	MANANTIAL BEHR	V	33	Full time	Ilimitado
INGENIERO MANTENIMIENTO ELECTRICO I&C	CHUBUT	MANANTIAL BEHR	V	28	Full time	Ilimitado
ANALISTA SERVICIOS AL PERSONAL	CHUBUT	MANANTIAL BEHR	M	26	Full time	Ilimitado
INGENIERO MANTENIMIENTO ELECTRICO	CHUBUT	MANANTIAL BEHR	V	42	Full time	Ilimitado
SUPERVISOR DE TURNO	CHUBUT	MANANTIAL BEHR	V	40	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	37	Full time	Ilimitado
OFICIAL MANTENIMIENTO MECANICO	CHUBUT	MANANTIAL BEHR	V	30	Full time	Ilimitado
SUPERVISOR DE TURNO	CHUBUT	MANANTIAL BEHR	V	42	Full time	Ilimitado
SUPERVISOR DE TURNO	CHUBUT	MANANTIAL BEHR	V	59	Full time	Ilimitado
ANALISTA ALMACENES	CHUBUT	MANANTIAL BEHR	V	36	Full time	Ilimitado
OFICIAL MANTENIMIENTO ELECTRICO	CHUBUT	MANANTIAL BEHR	V	32	Full time	Ilimitado
AUXILIAR DE CAMPO	CHUBUT	MANANTIAL BEHR	V	33	Full time	Ilimitado
ANALISTA APOYO A LA OPERACION	CHUBUT	MANANTIAL BEHR	V	43	Full time	Ilimitado

- MBWF employees' training activities conducted during 2021 are registered in MBWF' training hours report. A summary of the report with the most relevant trainings is below illustrated:

Id.Empleado	Posición	Area Temática	N,Curso Tipo	Fecha
97113684	GERENTE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACIÓN PI DATA LINK CMASS	8/1/2021
97135071	AUXILIAR DE CAMPO	FTr - NUESTRO ADN (charla inter áreas)	ENERGÍA EÓLICA - NIVEL I	18/01/2021
97113684	GERENTE OPERACIONES SUR	FTr - NUESTRO ADN (charla inter áreas)	ENERGÍA EÓLICA - NIVEL I	22/01/2021
97103274	REFERENTE OPERACIONES	FTr - NUESTRO ADN (charla inter áreas)	ENERGÍA EÓLICA - NIVEL I	23/01/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - NUESTRO ADN (charla inter áreas)	ENERGÍA EÓLICA - NIVEL I	20/01/2021
97112679	JEFE OPERACIONES SUR	FTr - NUESTRO ADN (charla inter áreas)	MERCADO ELÉCTRICO Y REGULACIÓN	26/01/2021
97143334	AUXILIAR DE CAMPO	FTr - NUESTRO ADN (charla inter áreas)	MERCADO ELÉCTRICO Y REGULACIÓN	10/01/2021
97149534	INGENIERO MANTENIMIENTO MECANICO	FTr - NUESTRO ADN (charla inter áreas)	PROCESOS Y GDO	30/01/2021
97133528	JEFE CMASS SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PROCEDIMIENTO DE SEGUIMIENTO DE DESEMPEÑO AMBIENTAL	4/2/2021
97113684	GERENTE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PROCEDIMIENTO DE SEGUIMIENTO DE DESEMPEÑO AMBIENTAL	4/2/2021
97141126	INGENIERO CONSTRUCCIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PECL - 2ºSEMESTRE 2020	19/3/2021
97122163	AUXILIAR DE CAMPO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97151607	INGENIERO MANTENIMIENTO ELECTRICO I&C	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97151161	INSPECTOR CONSTRUCCIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97149534	INGENIERO MANTENIMIENTO MECANICO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97141126	INGENIERO CONSTRUCCIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	MONITOREO DE FV - PEMB - 2ºSEMESTRE 2020	19/3/2021
97159295	INGENIERO MANTENIMIENTO I&C	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	22/3/2021
97151093	AUXILIAR DE CAMPO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	22/3/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97159295	INGENIERO MANTENIMIENTO I&C	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97151607	INGENIERO MANTENIMIENTO ELECTRICO I&C	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97159297	SUPERVISOR DE TURNO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97143334	AUXILIAR DE CAMPO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97147414	SUPERVISOR DE TURNO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97135071	AUXILIAR DE CAMPO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	24/3/2021
97159421	AUXILIAR DE CAMPO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	24/3/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97159764	SUPERVISOR DE TURNO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	23/3/2021
97159765	SUPERVISOR DE TURNO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	24/3/2021
97113684	GERENTE OPERACIONES SUR	FTr - LIDERAZGO Y MANAGEMENT	TALLER DE FEEDBACK PARA LÍDERES	15/03/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	3/3/2021
97145927	ANALISTA SERVICIOS GENERALES	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	3/3/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	10/3/2021
97145927	ANALISTA SERVICIOS GENERALES	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	10/3/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	17/3/2021
97145927	ANALISTA SERVICIOS GENERALES	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	17/3/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/3/2021
97145927	ANALISTA SERVICIOS GENERALES	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/3/2021
97151095	ANALISTA CMASS	FTr - COMPLIANCE	CANAL COMPLIANCE	27/4/2021
97151161	INSPECTOR CONSTRUCCIONES	FTr - COMPLIANCE	CANAL COMPLIANCE	27/4/2021
97145927	ANALISTA SERVICIOS GENERALES	FTr - COMPLIANCE	CANAL COMPLIANCE	27/4/2021
97112679	JEFE OPERACIONES SUR	FTr - COMPLIANCE	CANAL COMPLIANCE	27/4/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - COMPLIANCE	CANAL COMPLIANCE	27/4/2021
97159765	SUPERVISOR DE TURNO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CIBERSEGURIDAD INDUSTRIAL	ABRIL
97113684	GERENTE OPERACIONES SUR	FTr - HERRAMIENTAS DE GESTION	EL SECTOR ENERGETICO EN LA ARGENTINA	16/4/2021
97159765	SUPERVISOR DE TURNO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	Identificación y Clasificación de Activos de Información e Informáticos	ABRIL
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	USO DE MATRIZ LEGAL	16/4/2021
97137796	JEFE CONSTRUCCIONES	FTr - HERRAMIENTAS DE GESTION	USO DE MATRIZ LEGAL	16/4/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	AUDITOR INTERNO ISO 14001	28/5/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	AUDITOR INTERNO ISO 9001	27/5/2021
97151097	INSPECTOR CONSTRUCCIONES	FTr - COMPLIANCE	CANAL COMPLIANCE	27/5/2021
97151105	TECNICO GESTION DOCUMENTAL	FTr - COMPLIANCE	CANAL COMPLIANCE	27/5/2021
97160154	ANALISTA ALMACENES	FTr - COMPLIANCE	CANAL COMPLIANCE	27/5/2021
97160154	ANALISTA ALMACENES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CIBERSEGURIDAD INDUSTRIAL	6/5/2021
97159297	SUPERVISOR DE TURNO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CIBERSEGURIDAD INDUSTRIAL	30/5/2021
97113684	GERENTE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CIBERSEGURIDAD INDUSTRIAL	1/5/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - NUESTRO ADN (charla inter áreas)	COMUNICACION EFECTIVA	20/5/2021
97103274	REFERENTE OPERACIONES	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97151095	ANALISTA CMASS	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97151607	INGENIERO MANTENIMIENTO ELECTRICO I&C	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97112679	JEFE OPERACIONES SUR	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97113684	GERENTE OPERACIONES SUR	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021
97151096	JEFE MANTENIMIENTO SUR	Fte - MASyS OPERATIVO	CONDUCCIÓN EN ÉPOCA INVERNAL	18/5/2021

Id.Empleado	Posición	Area Temática	N,Curso Tipo	Fecha
97113684	GERENTE OPERACIONES SUR	FTr - LIDERAZGO Y MANAGEMENT	EL SECTOR ENERGETICO EN LA ARGENTINA	21/5/2021
97160154	ANALISTA ALMACENES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	Identificación y Clasificación de Activos de Información e Informáticos	6/5/2021
97151093	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97128252	SUPERVISOR DE TURNO	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97159765	SUPERVISOR DE TURNO	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97151096	JEFE MANTENIMIENTO SUR	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97159295	INGENIERO MANTENIMIENTO I&C	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97151607	INGENIERO MANTENIMIENTO ELECTRICO I&C	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97160154	ANALISTA ALMACENES	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97103274	REFERENTE OPERACIONES	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97133528	JEFE CMASS SUR	Fte - MASyS OPERATIVO	INGRESO SHAREPOINT INSTRUMENTOS DE MANIOBRA	10/5/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	INTRODUCCION AUDITOR INTERNO	26/5/2021
97151161	INSPECTOR CONSTRUCCIONES	Fte - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/5/2021
97151105	TECNICO GESTION DOCUMENTAL	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PRIMEROS AUXILIOS	19/5/2021
97151097	INSPECTOR CONSTRUCCIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PRIMEROS AUXILIOS	19/5/2021
97103274	REFERENTE OPERACIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PRIMEROS AUXILIOS	19/5/2021
97151095	ANALISTA CMASS	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PRIMEROS AUXILIOS	19/5/2021
97112679	JEFE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PRIMEROS AUXILIOS	19/5/2021
97104161	COORDINADOR TI REGIONAL SUR	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PARTE PRÁCTICA	13/5/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PARTE PRÁCTICA	13/5/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PARTE TEORICA	11/5/2021
97104161	COORDINADOR TI REGIONAL SUR	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PARTE TEORICA	11/5/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/5/2021
97143508	AUXILIAR DE CAMPO	FTr - HERRAMIENTAS DE GESTION	UTN - PROGRAMA POSTENICO UTN	31/5/2021
97135071	AUXILIAR DE CAMPO	FTr - HERRAMIENTAS DE GESTION	UTN - PROGRAMA POSTENICO UTN	31/5/2021
97143334	AUXILIAR DE CAMPO	FTr - HERRAMIENTAS DE GESTION	UTN - PROGRAMA POSTENICO UTN	31/5/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	AUDITOR INTERNO ISO 45.001: 2018	3/6/2021
97103274	REFERENTE OPERACIONES	FTr - COMPLIANCE	CANAL COMPLIANCE	16/6/2021
97160154	ANALISTA ALMACENES	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	14/6/2021
97133528	JEFE CMASS SUR	FTr - COMPLIANCE	Entrenamiento sobre Testeo de Controles Mitigantes de la Matriz de Riesgos de YPF Luz	23/6/2021
97113684	GERENTE OPERACIONES SUR	FTr - COMPLIANCE	Entrenamiento sobre Testeo de Controles Mitigantes de la Matriz de Riesgos de YPF Luz	23/6/2021
97151095	ANALISTA CMASS	FTr - COMPLIANCE	Entrenamiento sobre Testeo de Controles Mitigantes de la Matriz de Riesgos de YPF Luz	23/6/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	INTRODUCCION A ISO 50001	4/6/2021
97151161	INSPECTOR CONSTRUCCIONES	Fte - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/6/2021
97160154	ANALISTA ALMACENES	FTr - COMPLIANCE	PREVENCIÓN DE CORRUPCIÓN (L2)	16/6/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/6/2021
97143508	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/6/2021
97135071	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/6/2021
97143334	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/6/2021
97151095	ANALISTA CMASS	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97151161	INSPECTOR CONSTRUCCIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97103274	REFERENTE OPERACIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97137796	JEFE CONSTRUCCIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97133528	JEFE CMASS SUR	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97160154	ANALISTA ALMACENES	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	20/7/2021
97160154	ANALISTA ALMACENES	Fte - INTEGRIDAD Y MANTENIMIENTO	CURSO DE OPERACIÓN SEGURA DE AUTOELEVADOR DE 3t	8/7/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	Fte - INTEGRIDAD Y MANTENIMIENTO	CURSO DE OPERACIÓN SEGURA DE AUTOELEVADOR DE 3t	8/7/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - INTEGRIDAD Y MANTENIMIENTO	CURSO DE OPERACIÓN SEGURA DE AUTOELEVADOR DE 3t	8/7/2021
97151161	INSPECTOR CONSTRUCCIONES	Fte - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	POWER BI	12/7/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	POWER BI	12/7/2021
97143508	AUXILIAR DE CAMPO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	6/7/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	5/7/2021
97151607	INGENIERO MANTENIMIENTO ELECTRICO I&C	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	6/7/2021
97151096	JEFE MANTENIMIENTO SUR	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	7/7/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	7/7/2021
97159295	INGENIERO MANTENIMIENTO I&C	Fte - TECNOLOGÍAS	SAP PARA USUARIOS DE MANTENIMIENTO	7/7/2021
97151095	ANALISTA CMASS	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97151161	INSPECTOR CONSTRUCCIONES	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97104161	COORDINADOR TI REGIONAL SUR	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97151105	TECNICO GESTION DOCUMENTAL	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021

Id.Empleado	Posición	Area Temática	N,Curso Tipo	Fecha
97143508	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97103274	REFERENTE OPERACIONES	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97137796	JEFE CONSTRUCCIONES	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97133528	JEFE CMASS SUR	Fte - MASyS OPERATIVO	SEGURIDAD ELCETRICA PARA TODO YPF LUZ	28/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	8/7/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - PRACTICA	29/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	6/7/2021
97104161	COORDINADOR TI REGIONAL SUR	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97151105	TECNICO GESTION DOCUMENTAL	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TALLER DE COMPRAS - TEORIA	27/7/2021
97113684	GERENTE OPERACIONES SUR	FTr - LIDERAZGO Y MANAGEMENT	TALLER MAPA DE TALENTO PARA LIDERES	16/7/2021
97133528	JEFE CMASS SUR	FTr - LIDERAZGO Y MANAGEMENT	TALLER MAPA DE TALENTO PARA LIDERES	19/7/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/7/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	ABRIL
97151097	INSPECTOR CONSTRUCCIONES	Fte - MASyS OPERATIVO	USO DE EXTINTORES	31/7/2021
97143508	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/7/2021
97135071	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/7/2021
97143334	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/7/2021
97104161	COORDINADOR TI REGIONAL SUR	FTr - COMPLIANCE	CANAL COMPLIANCE	11/8/2021
97160154	ANALISTA ALMACENES	FTr - NUESTRO ADN (charla inter áreas)	CI - FINANZAS	26/8/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97113684	GERENTE OPERACIONES SUR	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97159764	SUPERVISOR DE TURNO	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97151096	JEFE MANTENIMIENTO SUR	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	COMITÉ CMASS	31/8/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	9/8/2021
97159295	INGENIERO MANTENIMIENTO I&C	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	9/8/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	Excel Básico	25/8/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	Excel Intermedio	25/8/2021
97151161	INSPECTOR CONSTRUCCIONES	Fte - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/8/2021
97113684	GERENTE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PECL Capacitación con presentación resultados Monitoreos Fauna Voladora	18/8/2021
97151095	ANALISTA CMASS	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PECL Capacitación con presentación resultados Monitoreos Fauna Voladora	18/8/2021
97133528	JEFE CMASS SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	PECL Capacitación con presentación resultados Monitoreos Fauna Voladora	18/8/2021
97160154	ANALISTA ALMACENES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	Seguridad en los activos informáticos	23/8/2021
97160154	ANALISTA ALMACENES	FTr - HERRAMIENTAS DE GESTION	Seguridad en los dispositivos móviles	27/8/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/8/2021
97151097	INSPECTOR CONSTRUCCIONES	Fte - MASyS OPERATIVO	USO DE EXTINTORES	31/8/2021
97143508	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/8/2021
97135071	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/8/2021
97143334	AUXILIAR DE CAMPO	Fte - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/8/2021
97151096	JEFE MANTENIMIENTO SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	30/9/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	30/9/2021
97151095	ANALISTA CMASS	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97151097	INSPECTOR CONSTRUCCIONES	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97103274	REFERENTE OPERACIONES	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97135071	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021

Id.Empleado	Posición	Area Temática	N.Curso Tipo	Fecha
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97159295	INGENIERO MANTENIMIENTO I&C	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97147414	SUPERVISOR DE TURNO	Fte - MASyS OPERATIVO	ARC FLASH - ARCO ELECTRICO	8/9/2021
97151095	ANALISTA CMASS	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	Capacitación Procedimiento CORP-PG-0010- Seguimiento Desempeño Ambiental	16/9/2021
97151097	INSPECTOR CONSTRUCCIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - CATALOGACION DE MATERIALES	14/9/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CIBERSEGURIDAD INDUSTRIAL	6/1/2021
97151161	INSPECTOR CONSTRUCCIONES	FTe - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	30/9/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - COMPLIANCE	PREVENCIÓN DE CORRUPCIÓN (L2)	17/8/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - COMPLIANCE	PREVENCIÓN DE CORRUPCIÓN (L2)	21/9/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	30/9/2021
97143508	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	30/9/2021
97135071	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	30/9/2021
97143334	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	30/9/2021
97113684	GERENTE OPERACIONES SUR	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97137796	JEFE CONSTRUCCIONES	FTr - CALIDAD, SEGURIDAD Y MEDIO AMBIENTE	CAPACITACION AMBIENTAL	29/10/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - NUESTRO ADN (charla inter áreas)	CI - CHARLA COMEX	28/10/2021
97160154	ANALISTA ALMACENES	FTr - NUESTRO ADN (charla inter áreas)	CI - CHARLA COMEX	28/10/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - NUESTRO ADN (charla inter áreas)	CI - CHARLA COMEX	28/10/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	31/10/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	1/11/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - COMPLIANCE	ENTRENAMIENTO DE COMPLIANCE (L1)	2/11/2021
97151096	JEFE MANTENIMIENTO SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	31/10/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	31/10/2021
97151161	INSPECTOR CONSTRUCCIONES	FTe - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/10/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/10/2021
97143508	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/10/2021
97135071	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/10/2021
97143334	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/10/2021
97143508	AUXILIAR DE CAMPO	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97143334	AUXILIAR DE CAMPO	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97147414	SUPERVISOR DE TURNO	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - COMPLIANCE	CANAL COMPLIANCE	11/11/2021
97151095	ANALISTA CMASS	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97103274	REFERENTE OPERACIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97156014	ANALISTA SERVICIOS AL PERSONAL	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97137796	JEFE CONSTRUCCIONES	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97160154	ANALISTA ALMACENES	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - NUESTRO ADN (charla inter áreas)	CI - GESTIÓN DE CONSULTAS, RECLAMOS Y DONACIONES	4/11/2021
97151096	JEFE MANTENIMIENTO SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	30/11/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	30/11/2021
97151161	INSPECTOR CONSTRUCCIONES	FTe - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	30/11/2021
97160978	ANALISTA APOYO A LA OPERACION	FTr - COMPLIANCE	PREVENCIÓN DE CORRUPCIÓN (L2)	4/11/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	30/11/2021
97153330	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/12/2021
97146476	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/12/2021
97133060	AUXILIAR DE CAMPO	FTe - INTEGRIDAD Y MANTENIMIENTO	UTN - PROGRAMA POSTENICO UTN	31/12/2021
97151161	INSPECTOR CONSTRUCCIONES	FTe - HERRAMIENTAS DE GESTION	ITBA - PROGRAMA DE ENERGIA	31/12/2021
97151096	JEFE MANTENIMIENTO SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	31/12/2021
97133528	JEFE CMASS SUR	FTr - HERRAMIENTAS DE GESTION	ITBA - DIPLOMATURA EN LIDERAZGO SIGLO XXI	31/12/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	FTr - HERRAMIENTAS DE GESTION	TOYOTA - TBP - MÉTODO DE RESOLUCIÓN DE PROBLEMAS	31/12/2021
97151097	INSPECTOR CONSTRUCCIONES	FTr - COMPLIANCE	SISTEMA DE GESTION ANTISOBORNO	10/11/2021
97122163	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	GWO	14/12/2021
97159763	OFICIAL MANTENIMIENTO ELECTRICO	Fte - MASyS OPERATIVO	GWO	14/12/2021
97160483	OFICIAL MANTENIMIENTO ELECTRICO	Fte - MASyS OPERATIVO	GWO	14/12/2021
97160977	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	GWO	14/12/2021
97145234	INGENIERO MANTENIMIENTO MECANICO	Fte - MASyS OPERATIVO	GWO	8/11/2021
97135071	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	GWO	8/11/2021
97159421	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	GWO	8/11/2021
97151093	AUXILIAR DE CAMPO	Fte - MASyS OPERATIVO	GWO	8/11/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	Excel Básico	02/12/2021
97151095	ANALISTA CMASS	FTr - HERRAMIENTAS DE GESTION	Excel Intermedio	02/12/2021

The company's sustained training activities during the previous and first monitoring period (01/08/2018 – 31/12/2020) are stated in the Sustainable Development Contributions Report for this period available at: <https://registry.terra.org/app/projectDetail/VCS/1820>

Regarding divulgation and awareness activities that YPF Luz participated in 2021:

YPF Luz experts participated as trainers in YPF Foundation' free training course on Sustainability, Energy Transition and Renewable Energies. The course was addressed to students and professors of the last year of technical education careers on electric power, electromechanics and industrial maintenance. YPF Luz experts participated as trainers in the first, third and fourth sessions.

Additionally, in November 2021 students from 7th grade of the Patagonian University College (Colegio Universitario Patagónico (CUP)²¹) visited MBWF to see how it is to work with renewable energies at the project. Together with professionals from YPF Luz, they were able to learn first-hand how the energy industry works, with the aim of opening new possibilities for their vocation.

YPF Foundation' free training course on Sustainability, Energy Transition and Renewable Energies

From 15th until 29th of November 2021

Course presentation available at:

<https://www.youtube.com/watch?v=iMSJtIPjWfg>



²¹ http://cup.unp.edu.ar/?page_id=2497

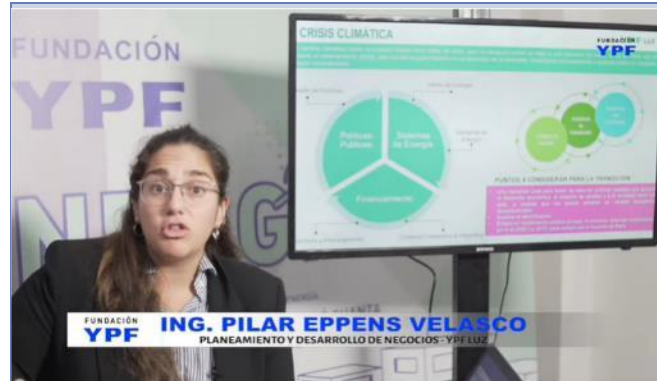
**YPF Foundation' free training course
on Sustainability, Energy Transition
and Renewable Energies, session 1:
Sustainability and Energy Transition**

Held on November 15, 2021

Available at:

https://www.youtube.com/watch?v=ML_i05OdWPg

1.931 views up to 31/03/2022.



Sostenibilidad y Transición Energética

1931 visualizaciones...

157

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COMPARTIR

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GUARDAR

**YPF Foundation' free training course
on Sustainability, Energy Transition
and Renewable Energies, session 3:
Thermal power, wind power and hybrid
systems**

Held on November 23, 2021

Available at:

<https://www.youtube.com/watch?v=uBYKICLrFMA>

905 views up to 31/03/2022.



Generación Térmica, Energía Eólica y Sistemas Híbridos.

905 visualizaciones...

53

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GUARDAR

**YPF Foundation' free training course
on Sustainability, Energy Transition
and Renewable Energies, session 4:
Photovoltaic energy, Health and
Security in Industry**

Held on November 25, 2021

Available at:

<https://www.youtube.com/watch?v=o6dY9Qtffzw>

1,155 views up to 31/03/2022.



Energía Solar Fotovoltaica + Salud y Seguridad en la Industria Energética

115 visualizaciones...

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GUARDAR

Patagonian University College (Colegio
Universitario Patagónico (CUP)
students visit to MBWF

November 2021

Available at:

<https://www.youtube.com/watch?v=zUMMCInL7nE>

[UMMCInL7nE](https://www.youtube.com/watch?v=zUMMCInL7nE)

122 views up to 31/03/2022



The YPF Luz sustained training activities and divulgation and awareness activities since the project start date until the end of 2020 are described and evidenced in the Sustainable Development Contributions Report for the first monitoring period (01/08/2018 – 31/12/2020) available at: <https://registry.terra.org/app/projectDetail/VCS/1820>.

2. Target 7.2:

The project electricity generation during the present monitoring period (509,495 MWh) is stated in this report.

The project electricity generation during the previous monitoring period (1,182,118 MWh), since MBWF operation start date on 01/08/2018 until 31/12/2020, is stated in the VCS Verification report for Manantiales Behr Wind Farm Version 3.0; 04 May 2021; AENOR. Available at: <https://registry.terra.org/app/projectDetail/VCS/1820>

Additionally, the project activity contribution to increase the renewable energy share in the total final energy consumption in Argentina is described in pages 60 to 62 of the “Sustainable cities action plan – Sustainable Comodoro Rivadavia” report (original name in Spanish: “Plan de Acción de Ciudades Sostenibles – Comodoro Rivadavia Sostenible”). The report, as stated in its page 8, was the result of the work carried out by YPF Foundation (FYPF) in conjunction with the Municipality of Comodoro Rivadavia, civil society actors and representatives of the local private sector, between August 2018 and May 2019. The city's Action Plan includes a multisectoral diagnosis that, as its name indicates, gets different sources of information and views that result in a ranking of prioritized issues that must be addressed to approach sustainable territorial development of Comodoro Rivadavia. For this purpose, a survey of indicators was carried out by specialists, the result of which is that of technical criteria; an opinion survey to get closer to the public perception on the most important issues for the city and, finally, the actors of the local productive sector were consulted on the degree of impact of each issue for the development of economic activity. One of the issues raised, as stated in page 60 of the report, was “Issue 12: Energy savings and self-generation” and one of the indicators was “Local contribution of solar and wind energy sources to total energy consumed”. The result of the diagnosis was that: “Renewable energies such as wind, solar and biomass represent only 0.4% of the installed electricity generation capacity in Argentina. Report on

the state of the environment 2017. Secretary of the Environment and Sustainable Development of the Nation.”

Furthermore, as stated in page 61: “Comodoro Rivadavia Popular Cooperative Society (SCPL) is in charge of the electricity supply service and the percentage of the population that accesses the service is 91% (62,592 users out of 68,592 possible users). Although the cooperative is a pioneer in the generation of renewable energy, currently it only distributes the energy acquired, so it is not registered local production of renewable or alternative energies, being the contribution less than 1% of the total electrical energy supplied by the Argentine Interconnection System.”

Based on the above diagnosis, page 62 of the report states:

“Manantiales Behr Wind Farm

Beyond the electrical energy that it injects into the National Interconnected System, generated with renewable sources, the Manantiales Behr Wind Farm (MBWF) generates a series of benefits to the Comodoro Rivadavia community:

Electricity generation: The MBWF has the capacity to generate electricity to supply 130,000 homes, which produces savings of 241,600 tons of CO₂ emissions into the atmosphere...”

Page 62 of the report in Spanish is illustrated below. The complete report in Spanish is available at: https://fundacionypf.org/Documents/Publicaciones/Comodoro_Sostenible.pdf

Parque Eólico Manantiales Behr

Más allá de la energía eléctrica que inyecta en el Sistema Interconectado Nacional, generada con fuentes renovables, el Parque Eólico Manantiales Behr (PEMB) genera una serie de beneficios a la comunidad de Comodoro Rivadavia:

Generación eléctrica: El PEMB tiene la capacidad de generar energía eléctrica para abastecer 130.000 hogares, lo que produce un ahorro de 241.600 toneladas de CO2 en emisiones gaseosas a la atmósfera.

El aporte de energía eléctrica a la red del sistema interconectado nacional local ha fortalecido la disponibilidad de energía en la zona. El proyecto incluyó inversiones para adecuar instalaciones existentes de la red pública y la construcción de una nueva subestación de maniobras en el área Escalante que fue concedida a la red pública.

Como el punto de conexión definido aporta energía en la línea de bombeo del acueducto que abastece a Comodoro Rivadavia, Rada Tilly y Caleta Olivia, reduce los cortes de agua en estas tres localidades.

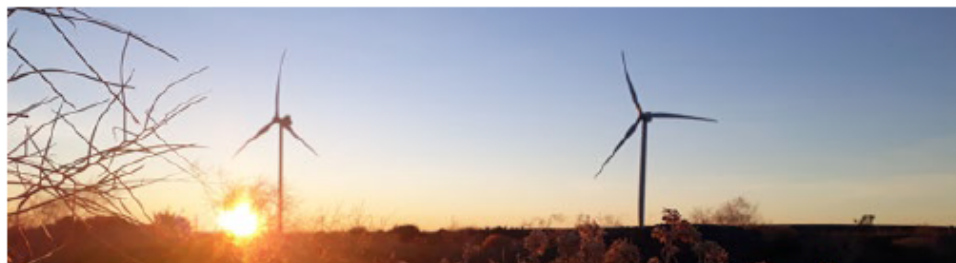
El PEMB está emplazado en un lugar estratégico. La combinación de los vientos característicos de la zona y la selección de la tecnología adecuada permite alcanzar factores de capacidad (Energía Generada/ Energía Generable) que superan el 60%, siendo el promedio en el mundo del 25%.

Mano de obra local: En el PEMB trabajan en forma directa 30 personas empleadas por YPF Luz y sus contratistas. En etapas de construcción trabajaron más de 350 personas.

Fomento en actividades locales - Puerto de Comodoro Rivadavia: El PEMB fue el primer proyecto eólico con generadores de grandes dimensiones desarrollado en la zona. Logró aportar y diversificar la actividad del Puerto de Comodoro Rivadavia a partir de la ampliación de las playas de almacenaje que la administración portuaria ejecutó. Esa modificación ha permitido recibir componentes de otros parques que se desarrollan en la zona aumentando la capacidad operativa del puerto y aportando oportunidades para diversificar su actividad.

Relevamientos de avifauna: En los últimos tiempos, se observa que la economía energética global busca terminar con la dependencia de los combustibles fósiles y comienza a utilizar alternativas como lo son las energías renovables, donde encontramos a la energía eólica. Si bien se presentan importantes beneficios ambientales, existen impactos ambientales adversos asociados a la operación de los parques eólicos. Estos recaen, principalmente, sobre avifauna y quirópteros y deben ser gestionados adecuadamente.

El PEMB tuvo en cuenta consideraciones tempranas de diseño con el fin de evitar y minimizar los impactos sobre la avifauna en la mayor medida posible. Desde el año 2016 se efectúan relevamientos de avifauna a cargo de especialistas en el tema. Estos monitoreos buscan estimar la diversidad específica y abundancia relativa porcentual de las aves; registrar la nidificación; valorar la riqueza específica de quirópteros y registrar la incidencia del parque y de las líneas de alta tensión sobre la fauna voladora. Estas iniciativas de control implementadas generan datos con carácter científico que se encontrarán disponibles para la comunidad, contribuyendo al aumento del conocimiento sobre el comportamiento de las aves ya que la información es escasa en toda la Argentina.



3. **Target 7.b:** The project installed capacity (99 MW) is stated in the VCS Verification report for Manantiales Behr Wind Farm Version 3.0; 04 May 2021; AENOR, Available at: <https://registry.verra.org/app/projectDetail/VCS/1820>
4. **Target 8.8:** YPF Luz has strict health and safety protocols established by YPF LUZ and aligned with the regulations defined at the national, provincial and municipal levels for the care of workers and the population in each of our sites.²²

MBWF has in place a certified occupational health and safety management system according to ISO 45001:2018 which is part of its Integrated Management System (ISO 9001, ISO 14001, and ISO 45001).



MBWF workers has neither fatal nor non-fatal occupational injuries during 2021 as illustrated in the project' operational control of the accidents frequency rate indicator.

YPF LUZ		RMG-01.04 Planificación de Actividades CI Version 02																		
Periodo de vigencia anual			Enero a Diciembre					Año		2021										
Item	Actividad	Area	Responsable	Documento	Frecuencia	Planificación	Realización	% Cumplimiento	Enero			Febrero			Marzo			Abril		
								80,62%	P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha
67	Control Operativo "IFA: índice frecuencia de accidentes computarizados [ACPDx10^6/HHT] "	Regional Sur	CHASZ	SIGEO	Mensual	2,4E-19	2,4E-19	100%	18-20	28-20	31-ene	18-20	28-20	28-feb	18-20	31-mar	18-20	28-20	30-mar	
67		PEMB	O&M	SIGEO	Mensual	1,2E-19	1,2E-19	100%	18-20	18-20	31-ene	18-20	18-20	28-feb	18-20	31-mar	18-20	18-20	30-mar	
67		CTMB	O&M	SIGEO	Mensual	1,2E-19	1,2E-19	100%	18-20	18-20	31-ene	18-20	18-20	28-feb	18-20	31-mar	18-20	18-20	30-mar	

²² YPF Luz 2020 Sustainability Report; page 102. Available at: <https://www.ypf.com/Sustainability>

MASS

Actualizado por: Pablo Almonacid												Fecha de actualización						17/01/2022					
Mayo			Junio			Julio			Agosto			Septiembre			Octubre			Noviembre			Diciembre		
P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha	P	R	Fecha
1E-20	2E-20	31-may	1E-20	2E-20	30-jun	1E-20	2E-20	31-jul	1E-20	2E-20	30-ago	1E-20	2E-20	30-sep	1E-20	2E-20	31-oct	1E-20	2E-20	30-nov	1E-20	2E-20	31-dic
1E-20	1E-20	31-may	1E-20	1E-20	30-jun	1E-20	1E-20	31-jul	1E-20	1E-20	30-ago	1E-20	1E-20	30-sep	1E-20	1E-20	31-oct	1E-20	1E-20	30-nov	1E-20	1E-20	31-dic
1E-20	1E-20	31-may	1E-20	1E-20	30-jun	1E-20	1E-20	31-jul	1E-20	1E-20	30-ago	1E-20	1E-20	30-sep	1E-20	1E-20	31-oct	1E-20	1E-20	30-nov	1E-20	1E-20	31-dic

During the prior monitoring period (2018-2020) there were also no fatal or non-fatal occupational injuries as stated by the YPF Luz Head of Quality, Environment and Safety (CMAS) of the South Region.

Incidentes personales PEMB



SAN SEBASTIAN, RODRIGO
Para: ALMONACID, LUIS PABLO
CC: LATESSA, EDGARDO JAVIER; DAMIA, HUGO EDGARDO

Mensaje enviado con importancia Alta.

Traducir mensaje a: Inglés No traducir nunca de: Español Preferencias de traducción

Responder Responder a todos Reenviar

miércoles 4/5/2022 12:11

Documento: YPF-Privado

Estimados,

En mi función de JEFE CMAS de la Regional Sur confirmo que no hubo Accidentes registrables (Fatales, no fatales con pérdida de días ó incidentes menores) del personal de YPF LUZ en el Parque Edílico Manantiales Behr desde su puesta en marcha en el mes de junio del año 2018 a Diciembre 2021.

Cualquier consulta a disposición.

Saludos Cordiales,

YPF LUZ

Rodrigo San Sebastian
Jefe CMAS Región Sur
Ruta 37 km 9 - Manantiales Behr - Escalante
(9000), Chubut, Argentina
T (54-9)(297)(5051954)
ypfluz.com

- Target 12.6:** YPF Luz elaborates its Sustainability Reports according to the international standard Global Reporting Initiative (GRI) and with the analytic assessment of Deloitte, as stated in the 2018, 2019 and 2020 reports.

The 2018, 2019 and 2020 reports in English were included in the Sustainable Development Contributions Report for the first monitoring period (01/08/2018 – 31/12/2020) available at: <https://registry.verra.org/app/projectDetail/VCS/1820>. The full reports in English are available at: <https://www.ypfluz.com/Sustainability>

The 2021 Sustainability Report is under elaboration to be published in September 2022. Proves of that are: YPF Luz contracted a consultancy firm to support the development of the report in December 2021; a materiality survey to identify the interests and expectations of the main interest groups, the issues identified by companies in the sector, among other sent to stakeholders in January 2022, the results of the materiality survey presented to the Sustainability Committee on March 16th, 2022 as below illustrated.

YPF Luz Reporte de sustentabilidad 2021 | Tu opinión nos importa



INSTITUCIONALES YPF LUZ
Para

Mensaje reenviado el 18/1/2022 9:48.

Responder Responder a todos Reenviar

jueves 13/1/2022 10:27



La opinión de nuestras partes interesadas es clave para mejorar nuestra gestión y hacerla cada vez más sustentable.

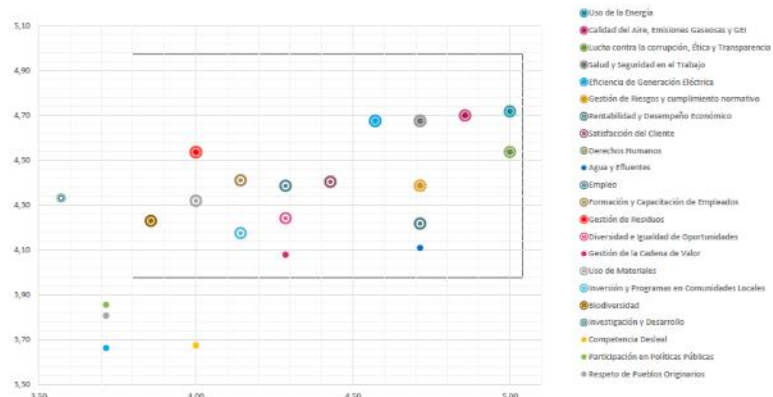
Te invitamos a responder una breve encuesta que nos ayudará a identificar los temas más relevantes para nuestro próximo Reporte de Sustentabilidad.

[Hacé click acá](#)



ENCUESTA MATERIALIDAD

YPF LUZ



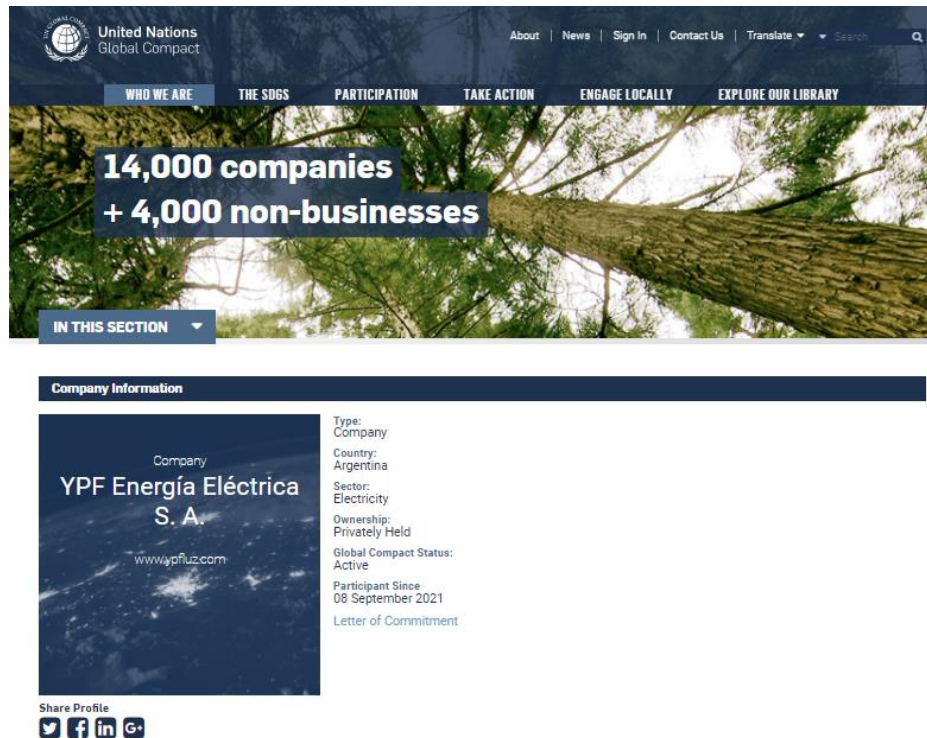
6. Target 13.0:

The project greenhouse gas emissions reductions (259,333 tCO₂e) during the present monitoring period is indicated in this report.

The project greenhouse gas emissions reductions (601,698 tCO₂e) during the previous and first monitoring period is indicated in the VCS Verification report for Manantiales Behr Wind Farm Version 3.0; 04 May 2021; AENOR; Available at: <https://registry.terra.org/app/projectDetail/VCS/1820>

7. Target 17.6:

YPF Luz is one of the more than 15,000 companies that has joined the UN Global Compact committing to produce an annual Communication on Progress (COP) as stated in the UN Global Compact website: <https://www.unglobalcompact.org/what-is-gc/participants/147816-YPF-Energ-a-El-ctrica-S-A->



The screenshot displays the UN Global Compact website interface. At the top, the United Nations Global Compact logo is visible alongside navigation links: About, News, Sign In, Contact Us, Translate, and a search bar. A horizontal menu bar contains links: WHO WE ARE, THE SDGS, PARTICIPATION, TAKE ACTION, ENGAGE LOCALLY, and EXPLORE OUR LIBRARY. Below this, a large banner image of a tree trunk is overlaid with the text "14,000 companies + 4,000 non-businesses". A dropdown menu labeled "IN THIS SECTION" is partially open. The main content area is titled "Company Information" and features a profile card for "YPF Energía Eléctrica S. A." with the website "www.ypluz.com". To the right of the card, detailed company information is listed: Type: Company, Country: Argentina, Sector: Electricity, Ownership: Privately Held, Global Compact Status: Active, Participant Since: 08 September 2021, and a link to the Letter of Commitment. At the bottom left of the profile card, there is a "Share Profile" section with icons for Twitter, Facebook, LinkedIn, and Google+.