



SDG7 Energy Compact of CPFL Energia

A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

SECTION 1: AMBITION

1.1. Ambitions to achieve SDG7 by 2030. [Please select all that apply, and make sure to state the baseline of each target]

(Member States targets could be based on their NDCs, energy policies, national five-year plans etc. targets for companies/organizations could be based on their corporate strategy)

<input type="checkbox"/> 7.1. By 2030, ensure universal access to affordable, reliable and modern energy services.	Target(s): Time frame: Context for the ambition(s):
<input checked="" type="checkbox"/> 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix.	Target(s): install 30 MWp of solar PV in public and philanthropic hospital in Brazil Time frame: 2021/24 Context for the ambition(s): Launched in 2019, the CPFL nos Hospitais (“CPFL in Hospitals”) Program represents the maturation of our strategy to benefit communities and make a positive impact in the locations where we operate. Since the beginning of the program, more than 150 hospitals have benefited in the states of São Paulo and Rio de Janeiro and by 2024 more than 300 organizations in our concession area will receive the improvements and humanization actions. The project integrates energy efficiency initiatives and private social investment to drive improvements in the service provided by public health institutions, which are essential for the local population’s quality of life. The expectation is that these actions will allow health institutions to save approximately R\$ 18 million a year by reducing their energy bills, an amount sufficient to pay for the medical care of 75,000 additional patients a year. In the long run, represented by a 20-year lifetime of solar panels, saving from lower energy bills could help provide treatment to more than 1.5 million people.
<input checked="" type="checkbox"/> 7.3. By 2030, double the global rate of improvement in energy efficiency.	Target(s): invest R\$ 150 million in energy efficiency actions in public and philanthropic hospitals in Brazil Time frame: 2021/22 Context for the ambition(s): The “CPFL nos Hospitais” (CPFL in Hospitals) is an initiative that helps public and philanthropic institutions to reduce their energy costs allowing them to use these funds in key medical expenses. The initiative focuses on implementing energy efficiency actions in hospitals (e.g. solar PV systems, A/C automation and retrofit, LED lamps). So far the program has already replaced 90,731 old lamps by LED ones. In addition, these practices benefit patients and the local community, contributing to improve people’s health and quality of life. COVID-19 pandemic drastically increased the importance of the Program.
<input type="checkbox"/> 7.a. By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology.	Target(s): Time frame: Context for the ambition(s):

7.b. By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programs of support.

Target(s):
Time frame:
Context for the ambition(s):

1.2. Other ambitions in support of SDG7 by 2030 and net-zero emissions by 2050. [Please describe below e.g., coal phase out or reforming fossil fuel subsidies etc.]

Target(s): avoid 3,106 tCO2 emissions per year until 2041
Time frame: 2021-2041
Context for the ambition(s): solar PV systems will generate clean energy without emissions for at least 20 years which is the expected lifespan of the equipment.

SECTION 2: ACTIONS TO ACHIEVE THE AMBITION

2.1. Please add at least one key action for each of the elaborated ambition(s) from section 1. [Please add rows as needed].

<i>7.2 and 7.3: identify public and philanthropic hospitals that will receive energy efficiency actions. Assess the energy efficiency potential for each hospital.</i>	<i>February 2019 until June 2021</i>
<i>7.2 and 7.3: design the solar PV systems and the energy efficiency solutions for each hospital</i>	<i>June 2019 until October 2021</i>
<i>7.2 and 7.3: implement the energy efficiency actions and install the solar PV systems</i>	<i>September 2019 until April 2022</i>
<i>7.2 and 7.3: measure and verify the energy savings of the implemented actions</i>	<i>June 2020 until December 2022</i>

SECTION 3: OUTCOMES

3.1. Please add at least one measurable and time-based outcome for **each** of the actions from section 2. [Please add rows as needed].

<i>List of hospitals that will receive energy efficiency actions.</i>	<i>June 2021</i>
<i>Proposal of energy efficiency actions that will be implemented in each hospital. Estimated installed capacity of solar PV.</i>	<i>October 2021</i>
<i>Install 30 MWp of solar PV in hospitals.</i>	<i>April 2022</i>
<i>Avoid 3,106 tCO2 emissions per year</i>	<i>December 2022</i>

SECTION 4: REQUIRED RESOURCES AND SUPPORT

4.1. Please specify required finance and investments for **each** of the actions in section 2.

List of hospitals that will receive energy efficiency actions.	R\$ 15 million
Proposal of energy efficiency actions that will be implemented in each hospital. Estimated installed capacity of solar PV.	R\$ 15 million
Install 30 MWp of solar PV in hospitals.	R\$ 112.5 million
Avoid 3,106 tCO2 emissions per year	R\$ 7.5 million

4.2. [For countries only] In case support is required for the actions in section 2, please select from below and describe the required support and specify for which action.

[Examples of support for Member States could include: Access to low-cost affordable debt through strategic de-risking instruments, capacity building in data collection; development of integrated energy plans and energy transition pathways; technical assistance, etc.]

<input type="checkbox"/> Financing	Description
<input type="checkbox"/> In-Kind contribution	Description
<input type="checkbox"/> Technical Support	Description
<input type="checkbox"/> Other/Please specify	Description

SECTION 5: IMPACT

5.1. Countries planned for implementation including number of people potentially impacted.

Brazil - The expectation is that these actions will allow health institutions to save approximately R\$ 18 million a year by reducing their energy bills, an amount sufficient to pay for the medical care of 75,000 additional patients a year. In the long run, represented by 20-year lifetime of solar panels, saving from lower energy bills could help provide treatment to more than 1.5 million people.

5.2. Alignment with the 2030 Agenda for Sustainable Development – Please describe how **each** of the actions from section 2 impact advancing the SDGs by 2030.

[up to 500 words, please upload supporting strategy documents as needed]

CPFL nos Hospitais ensure the integration of environmental, social and economic indicators, contributing directly to the SDGs. The environmental focus is to foster renewable energy through the photovoltaic systems and energy efficiency actions in the hospitals, which generates GHG emission reductions (SDGs 7, 12 and 13). Besides that, the Instituto CPFL helps with the partnerships with the NGOs “Griots”, “Médicos do Sorriso” and the “Hospitalhaços” to carry out the humanization and the specific donations focused in the infrastructure improvements (SDG 3, 9, 11, and 17).

5.3. Alignment with Paris Agreement and net-zero by 2050 - Please describe how **each** of the actions from section 2 align with the Paris Agreement and national NDCs (if applicable) and support the net-zero emissions by 2050.

[up to 500 words, please upload supporting strategy documents as needed]

CPFL Energia, through its energy efficiency initiatives, has partnerships focused on low-carbon solutions with the objective of supporting philanthropic institutions and hospitals by reducing their electricity consumption costs. In this context, with the installation of photovoltaic panels, besides the reducing administrative costs, we were able to offer positive impact on reducing greenhouse gas emissions - (Scope 02 of the Institutions), this effect replicated to all program institutions, helps CPFL Energia's total to reducing its scope 03 emissions.

In addition, we are participating in the Brazilian Global Compact of the Ambition Net Zero program, with the objective of deepening and establishing goals aligned with science (SBTi) for reducing ghg emissions and studying scenarios for net zero goals.

Within this context, we emphasize that the CPFL Group has 95% of renewable generation in its portfolio (Scope 01) and that the technical losses index related to energy distribution is among the best in the country. We also offer low carbon solutions to the market through carbon credits and renewable energy seals – (I-REC), supporting the low carbon energy transition.

SECTION 6: MONITORING AND REPORTING

6.1. Please describe how you intend to track the progress of the proposed outcomes in section 3. Please also describe if you intend to use other existing reporting frameworks to track progress on the proposed outcomes.

CPFL in Hospitals is a commitment that is part of the Corporate Sustainability Strategic Plan of CPFL Energia. All results and progress of the program are reported on the company website and in the annual Sustainability Report.

SECTION 7: GUIDING PRINCIPLES CHECK LIST

Please use the checklist below to validate that the proposed Energy Compact is aligned with the guiding principles.

I. Stepping up ambition and accelerating action - Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

I.1. Does the Energy Compact strengthen and/or add a target, commitment, policy, action related to SDG7 and its linkages to the other SDGs that results in a higher cumulative impact compared to existing frameworks?

Yes No

I.2. Does the Energy Compact increase the geographical and/or sectoral coverage of SDG7 related efforts? Yes No

I.3. Does the Energy Compact consider inclusion of key priority issues towards achieving SDG7 by 2030 and the net-zero emission goal of the Paris Agreement by 2050 - as defied by latest global analysis and data including the outcome of the Technical Working Groups? Yes No

II. Alignment with the 2030 agenda on Sustainable Development Goals – Ensure coherence and alignment with SDG implementation plans and strategies by 2030 as well as national development plans and priorities.

II.1. Has the Energy Compact considered enabling actions of SDG7 to reach the other sustainable development goals by 2030? Yes No

II.2. Does the Energy Compact align with national, sectoral, and/or sub-national sustainable development strategies/plans, including SDG implementation plans/roadmaps? Yes No

II.3. Has the Energy Compact considered a timeframe in line with the Decade of Action? Yes No

III. Alignment with Paris Agreement and net-zero by 2050 - Ensure coherence and alignment with the Nationally Determined Contributions, long term net zero emission strategies.

III.1. Has the Energy Compact considered a timeframe in line with the net-zero goal of the Paris Agreement by 2050? Yes No

III.2. Has the Energy Compact considered energy-related targets and information in the updated/enhanced NDCs? Yes No

III.3. Has the Energy Compact considered alignment with reaching the net-zero emissions goal set by many countries by 2050? Yes No

IV. Leaving no one behind, strengthening inclusion, interlinkages, and synergies - Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs.

IV.1. Does the Energy Compact include socio-economic impacts of measures being considered? Yes No

IV.2. Does the Energy Compact identify steps towards an inclusive, just energy transition? Yes No

IV.3. Does the Energy Compact consider measures that address the needs of the most vulnerable groups (e.g. those impacted the most by energy transitions, lack of energy access)? Yes No

V. Feasibility and Robustness - Commitments and measures are technically sound, feasible, and verifiable based a set of objectives with specific performance indicators, baselines, targets and data sources as needed.

V.1. Is the information included in the Energy Compact based on updated quality data and sectoral assessments, with clear and transparent methodologies related to the proposed measures? Yes No

V.2. Has the Energy Compact considered inclusion of a set of SMART (specific, measurable, achievable, resource-based and time based) objectives? Yes No

V.3. Has the Energy Compact considered issues related to means of implementation to ensure feasibility of measures proposed (e.g. cost and financing strategy, technical assistant needs and partnerships, policy and regulatory gaps, data and technology)? Yes No

SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

CPFL in Hospitals

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

CPFL Energia

8.3. Lead entity type

Government

Local/Regional Government

Multilateral body /Intergovernmental Organization

Non-Governmental Organization (NGO)

Civil Society organization/Youth

Academic Institution /Scientific Community

Private Sector

Philanthropic Organization

Other relevant actor

8.4. Contact Information

Felipe Zaia: fzaia@cpfl.com.br

8.5. Please select the geographical coverage of the Energy Compact

Africa Asia and Pacific Europe Latin America and Caribbean North America West Asia Global

8.6. Please select the Energy Compact thematic focus area(s)

Energy Access Energy Transition Enabling SDGs through inclusive just Energy Transitions Innovation, Technology and Data Finance and Investment.

SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc.

<https://www.cpfl.com.br/energias-sustentaveis/eficiencia-energetica/cpfl-e-rge-nos-hospitais/Paginas/default.aspx>

