Pondicherry University

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Pondicherry University Goal-Specific Policy for "SDG 7: Affordable and Clean Energy"

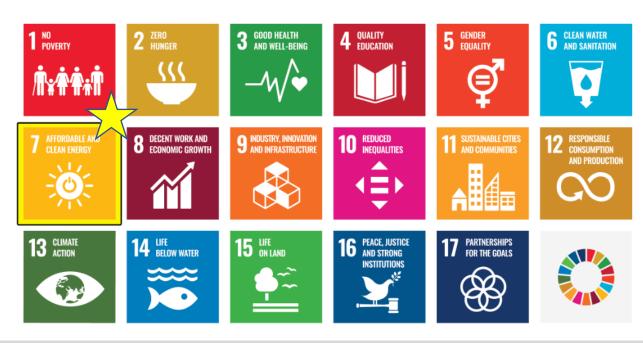|	
Policy Heading	Pondicherry University Goal-Specific Policy for "SDG 7: Affordable and Clean Energy".
Introduction	Pondicherry University, established in 1985, functions as a Central University encompassing the jurisdiction of the Union Territory of Puducherry, Lakshadweep, and Andaman and Nicobar Islands. Its primary goals include advancing knowledge through academic instruction and research, providing a spectrum of courses in Humanities, Sciences, and Engineering, and fostering interdisciplinary studies and research. Situated in Kalapet, the main campus of the University covers an expanse of 780 acres, complemented by satellite campuses in Karaikal, Mahe, and Port Blair. Collaborative agreements, in the form of MOUs, have been established with various global institutions, industries, and non-governmental research organizations to encourage cooperation and faculty enrichment.
	The pursuit of dependable and affordable energy is imperative to realize sustainable progress. SDG 7 is dedicated to achieving universal access to economical, reliable, sustainable, and contemporary energy for all. This endeavor is not solely vital for environmental preservation, but also pivotal in propelling economic advancement and alleviating poverty. Energy accessibility amplifies productivity, generates employment, and facilitates fundamental services like healthcare and education. Pondicherry University comprehends these imperatives and is resolute in promoting sustainable energy practices within its premises and extending this ethos beyond its confines.
	Pondicherry University acknowledges the significance of SDG 7 and pledges to uphold it through a variety of strategies. The institution endeavors to diminish its carbon footprint while augmenting its utilization of renewable energy sources like solar, and biomass. Additionally, Pondicherry University encourages its students and faculty to adopt eco-friendly energy practices, encompassing the use of energy-efficient appliances, waste reduction, and endorsing public transportation. By prioritizing the integration of SDG 7, Pondicherry University contributes substantively to the global campaign addressing climate change and fostering sustainable advancement.
Policy Statement	Pondicherry University is dedicated to implementing comprehensive actions that bolster students and communities in achieving Affordable and Clean Energy across all aspects of life, both within and beyond the campus, aligned with the objectives of the sustainable development goal.
Target	The university will actively engage with its student body and communities through its central campus, auxiliary campuses, and associated institutions, fostering a fair and collaborative alliance with government entities, pertinent stakeholders, and collaborative task forces.

SUSTAINABLE DEVELOPMENT GOALS

Policy

1. **Pondicherry University shall uphold SDG 7: Affordable and Clean Energy to substantially increase the share of renewable energy in the university energy mix and pledge toward achieving 80% renewable energy by 2030 while adhering to the government guidelines/ policies.**

2. **Pondicherry University shall ensure that the renovations and new upcoming buildings are following national energy efficiency standards, while on the other hand upgrading existing buildings to higher energy efficiency.**

3. **Pondicherry University shall have an energy efficiency plan to reduce overall energy consumption and to double the improvement in energy efficiency by 2030, in addition to LEED/ GRIHA/ other deemed certifications.**

4. **Pondicherry University shall enhance international cooperation to facilitate access to research, technology, and investments in clean and green energy and energy efficiency.**

5. **Pondicherry University shall collaborate with a non-government research organization to implement a business model integrated bio-methanation plant with slurry management and application addressing the triple planetary crisis: climate change, loss of biodiversity, and waste and pollution before 2024.**

6. Pondicherry University shall march toward a carbon-neutral campus by conducting a periodical energy audit, to measure direct and indirect carbon emissions of various activities that happen on the campus and maximize renewable energy use while minimizing conventional energy use and identify and arrest energy wastage across all sectors.

7. Pondicherry University shall encourage investments from carbon-intensive energy industries to curb greenhouse gas emissions in line with the Kyoto Protocol and Paris Agreement.

8. Pondicherry University shall have a dedicated monitoring, recording, and disseminating system to measure energy use density from both energy generated by the university and energy purchased by the university.

9. Pondicherry University shall increase its advocacy by providing programs for local schools, colleges, and communities to teach and learn about the importance of energy conservation, efficiency, generation, and energy sustainability.

10. Pondicherry University shall extend its service directly to the government departments, industries, and organizations aimed at improving energy efficiency and generating clean energy, in addition, also conduct energy efficiency assessments, workshops, and research on renewable energy options.

11. Pondicherry University shall inform and support the government in clean and green energy generation, adopting energy-efficient technologies, and policy development.

12. Pondicherry University shall provide training and assistance for start-ups that foster and support a low-carbon or net zero economy/ technology.

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