	tariff (over 25 years) of less than 5 Cent. This tariff is competitive as compared to even the variable cost of large capacities of fossil fuel-based generation that are currently operational in the country. As a next step, we are working on achieving Round the Clock electricity supply product using renewable energy the recent fossil fuel-based assets.
By 2030, increase substantially the share of renewable energy in the global energy mix.	To be a leading international company in renewables with an operating portfolio of 18 GW Current operating capacity (as on September, 2021): 6.1 GW : 2025 ted by the World Health Organization). The impact of climate change transcends generations and geographies, adversely affecting food security, unemployment rates and other socio-economic trends. The UN and the World Economic Forum has espoused complete decarbonization as the only solution to climate stabilization. Though the International Energy Agency said it is possible to achieve net-zero emissions by 2050 and limit warming to 1.5 C, it will require complete makeover through decarbonization of every country in the world. In this context, India has been championing renewable energy transition by adopting clean energy alternatives l

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.	Increasing efficiency of assets by 2-2.5% over current values through collaborative industry-academia research 2030 As a leading renewable energy company, ReNew Power has always strived for pioneering disruptive technologies through cutting-edge research in partnership with leading academic entities across the globe. Through industry-academia collaboration, ReNew already has established partnerships with universities like Stanford, Princeton, and institutions like Indian Institute of Technology, Delhi, to foster research which can be the basis of technological advancements and policy recommendations in the sector. As India moves towards achieving its ambitious 450 GW target, collaborative research has a very prominent role to play in understanding the demands of the sector and the required technologies to fuel growth. ReNew through its research initiatives aims to introduce newer technologies in the areas of circular economy, grid strengthening, generation improvement, resource prediction, energy storage in battery and hydrogen, and thereby improve efficiencies of its assets. Efficiency improvement monitoring will be done over a baseline which will be normalized PLFs of the participating solar/wind plants pre-experiment. Normalization will be done with respect to the resource availability. Improvement will be measured as percentage increase in normalized PLFs of the same plants subsequent to the experimentation as compared to the normalized PLFs pre-experimentation. For example, if a plant has a normalized PLF of 25% in the pre-experiment year(s), and post-experimentation the normalized PLF is 25.5%, the improvement over the baseline is 2%
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.	

2023

capacity is expected to reach 140 GW by 2030 from current 38 GW, growing @ 14% CAGR. This capacity growth will be powered by Pure-play Wind bids, Firm-Power bids (hybrid, hydrogen, storage etc.) of which wind is a critical component, and demand from C&I customers.

Indian OEMs have precarious financial position while Global OEMs have global margin constraints making them expensive, look at India at export hub and not as end use market and possess limited project development and execution capability.

Given the inhouse volume requirement, it makes sense to have a diversified WTG procurement strategy appropriate mix of inhouse manufacturing and procurement from OEMs. This will ensure a better product mix along with better negotiation ability from WTG OEMs.
Cost competitiveness through lower capex and opex, and therefore better LCOE, can be achieved from self-manufacturing of wind turbines.
Superior quality assurance through mix of internal and external (with help of robust WTG technology partner) quality assurance protocols.
Further help boost our Self O&M initiatives through technological independence and better O&M margins.

In light of the above-mentioned factors, venturing into wind manufacturing business in an Asset-light approach and lean manufacturing

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

Smartly using the storage technologies to provide maximum value for the user at optimal costs. We have already started detail

There is a provision for an additional CAPEX for technology upgradation of our manufacturing facility. In case any technology upgradation is not required, this additional budget will be saved, and it will thus give us increased equity returns for the project.

The Company also intends to set up an R&D lab with the aim of achieving further significant cost reductions and efficiency improvements. The R&D efforts are expected to continuously progress in improving existing technologies and developing new technologies. It is expected that a broad variety of technologies will continue to characterize the PV technology portfolio, depending on the specific requirements and economics of the

Internal capacity building
Hiring of resources equipped to support ReNew in its net zero journey
Appointing external consultant to guide the company
T

UNICEF report (Sustainable Energy for Children, 2015) highlights the positive correlation between access to electrification (particularly for lighting) and improved education, both in terms of attendance and quality of education. The need for reliable energy is an essential component to ensure continuity in education and thereby, ensuring human capital development of a nation. SDG 7 is, hence, irreplaceable to achieve the outcomes of SDG 4 (Quality Education).

5.3. Alignment with Paris Agreement and net-zero by 2050 -

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

- Increase contribution of and accelerate the implementation of the SDG7 targets in support of the 2030 Agenda for Sustainable Development for Paris Agreement

Yes No

Yes No

Yes No

Ensure coherence and alignment with SDG implementation plans and strategies by 2030 as well as national development plans and priorities.

Yes No

Yes No

Yes No

- Ensure coherence and alignment with the Nationally Determined Contributions, long term net zero emission strategies.

Yes No

Yes No

Yes No

- Enabling the achievement of SDGs and just transition by reflecting interlinkages with other SDGs.

Yes No

Yes No

Yes No

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.

Yes No

Yes No

Yes No

8.1. Title/name of the Energy Compact

ReNew Power-

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)

ReNew Power Pvt. Ltd.

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

ReNew Power Pvt. Ltd., Commercial Block I, Zone- 6, Golf Course Road, DLF Phase V, Gurugram 122009
Email: vaishali@renewpower.in , rahul_sharma@renewpower.in
Phone: +91-9024391231

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.

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

https://renewpower.in/

https://www.youtube.com/watch?v=DDUJ2JU15xQ&t=236s

https://www.youtube.com/watch?v=vg5WpRA-Jq4

This submission contains certain forward-looking statements within the meaning of the federal securities laws, including statements regarding the services offered by ReNew Global, the markets in which ReNew Global operates and ReNew Globalôs