#### SDG7 Energy Compact of AVANGRID

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]

(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)

$\Box$ <b>7.1</b> Dy 2020, and you universal access to	Target(c)
□ 7.1. By 2030, ensure universal access to	Target(s):
affordable, reliable and modern energy	Time frame:
services.	Context for the ambition(s):
7.2. By 2030, increase substantially the share	Target(s): To increase Renewable Installed Capacity 100% from a baseline of 5.8 GW in 2015, with 5.6 GW renewables capacity installed
of renewable energy in the global energy mix.	between 21-25 (>\$8B investments)
55 5 55	Time frame: <b>2025</b>
	Context for the ambition(s): USA
	context for the ambition(s). USA
	Target(s): To invest an incremental \$12Bn in power Networks to support network efficiencies, beneficial electrification, and resiliency in 2020-

	Time frame: <b>2025</b> Context for the ambition(s): <b>USA</b>	
	Target(s): To transition 60% of its entire vehicle fleet by 2030 to dean energy alternatives based on the total dean energy vehicles as a percentage of the total fleet base by year end 2030. Time frame: 2030 Context for the ambition(s): USA	
	Target(s): <b>To increase the energy efficiency of Avan</b> Time frame: <b>2025</b> Context for the ambition(s): USA	
<b>7.a.</b> 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.		
<b>7.b.</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):	

## 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].

To increase Renewable Installed Capacity 100%, with 5.6 GW renewables capacity installed between 21-25 (>\$8B investments) Acceleration in renewable installed

# 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].

Outcome	Date
Renewable Installed Capacity 100%, with an incremental 5.6 GW renewables capacity installed 2025 (>\$8B investments) from a baseline of 5.8 GW in 2015	2025
Invest an incremental \$12Bn by 2025 in power Networks to support network efficiencies, beneficial electrification, and resiliency from 2020-2025	2025
from a baseline of 80 g/ kwh in 2015	2025

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# SECTION 5: IMPACT

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

To increase Renewable Installed Capacity 100% from 2015 levels of 5.8 GW, with 5.6 GW renewables capacity installed between 21-25 (>\$8B investments) National level: USA

The promotion and pull effect of using renewable energies or improve efficiencies through smart solutions to optimize consumptions are aligned with SDG 7.2 and 7.3, and Avangrid takes a roll of pull effect for its direct and indirect impacts including increasing renewable generation capacity, reducing emission through addressing gas leaks and fugitive emissions as well as increased efficiency in our facilities and fleet.

#### To install 500 MW of operational green hydrogen electrolyzer capacity by 2030

Green hydrogen has the potential to decarbonize carbon-intensive sectors where there are few – if any – alternatives. Producing hydrogen with renewable power via electrolyzers can enable emissions reduction both in sectors that currently consume grey hydrogen (e.g., ammonia) and in sectors that are difficult to electrify (e.g., marine, air, or long-haul heavy-duty

To invest >\$145m in network based EV infrastructure between 2020-2025

Environmental impact linked to emissions reduction from the usage of renewable energy in light vehicle transport

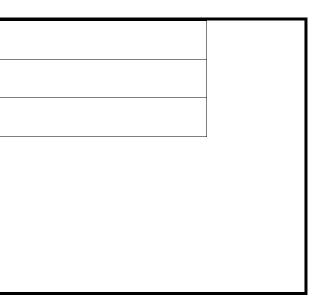
To transition 60% of vehicle fleet by 2030 to dean energy.

Environmental impact linked to emissions reduction from the usage of renewable energy or alternative clean fuels in its electric vehicle fleet

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Environmental impact linked to emission reduction in Avangrid's emission footprint and usage of renewable energy in final demand



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 Develop 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 impa
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 la 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
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 I
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 $\Box$ 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)?
V. Feasibility and Robustness - Commitments and measures are technically sound, feasible, and verifiable based a set of objectives with specific performance indicators, baselines, target
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 m
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 ne gaps, data and technology)? Yes No

# SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

pment for Paris Agreement pact compared to existing frameworks?

latest global analysis and data including the

evelopment plans and priorities.

No

Yes No ets and data sources as needed. *measures*? Yes No

needs and partnerships, policy and regulatory

8.3. Lead entity type		
Government	Local/Regional Government	Multilateral body /Intergover
Non-Governmental Organization (NGO)	Civil Society organization/Youth	Academic Institution /Scientif
Private Sector	Philanthropic Organization	Other relevant actor
0.4. Contact Information		

8.4. Contact Information

Chief Sustainability Officer, Zsoka McDonald (Zsoka.mcdonal@avangrid.com), Vice President of Sustainability, Laney Brown (<u>laney.brown@avangrid.com</u>), Manuel Gonzalez, Senior Vice President CEO Chief of Staff (manuel.gonzalez@avangrid.com)

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.

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entific Community