

# Table 1: Summary of the Four-Pillar Framework in the context of the Utilities' Activities

## Pillar 1

Reach net zero emissions by 2050 or earlier. Use carbon intensity targets (Co2/MWh) trajectory in line with science based targets

Set timeline for fossil fuel retirements and new renewable capacity to reach carbon neutrality by 2050

Adopt climate scenario planning in line with ambitious well below 2 degree scenarios. Disclose climate risk exposure and climate mitigation plans

Use high internal carbon price in line with IPCC

Externally verify and disclose scope 1, 2 and 3 emissions

Allocate part of senior executives' pay to decarbonization objectives

Participate in green financing initiatives

## Pillar 2

Follow consultations and due process in land acquisition

Have systems in place to avoid or mitigate competition for arable land

Minimize fresh water intake, recycle and reuse water and use the latest technologies in doing so

Minimize waste and environmental impacts through latest innovations. Implement recycling plans during early stages of project

Mitigate methane leakage at gas plants and pipelines

Power operations with renewable energies

Adopt strong labor policies

Embrace a human rights policy aligned with UNGP principles for both workers and surrounding communities

Conduct inclusive consultations prior to project development through to project closure

Adopt a credible, transparent, participatory and accountable ESHIA processes from baseline measurement to frequent monitoring

Build resilience and adaptive capacity of project affected communities

Adopt social equity in power pricing and conduct corporate outreach to marginalized communities including access to energy services

Help implement compensation schemes for coal producing regions

Anticipate and plan for closure

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## Pillar 3

Contribute to development of smart city models

Linkage with non-energy sectors for the electrification of end uses (battery electric vehicles (BEVs), heat pumps for residential and commercial buildings or electric cooking)

Help provide green electricity to the fabrication of green synthetic fuels for the hard to abate sectors

Accelerate the e-mobility revolution through fast deployment of charging stations

Ensure the reliability of the grid in a changing environment and growing electrification demand through the use of the latest technologies, the development of smart grids, prosumer models and support to distributed energy

Support the development of interconnected grids

Support the development of energy efficiency measures and systems across industries and with consumers

Maximize resources to analyze and quantify Scope 3 emissions

Develop systems to identify and monitor supply chain impacts, especially as they relate to scope 3 emissions but also environmental impacts, labor protections, human rights

## Pillar 4

Respect and fulfill emissions and safety regulations

Avoid aggressive tax planning and the use of tax havens

Adopt responsible and transparent participation in policy-making that includes not undermining climate-oriented policy making

Don't make any monetary contributions to politics and political parties

Pro-actively engage with planners and regulators to implement the energy transition

Proactively engage with public-private-partnerships and sector-wide R&D Initiatives

Adopt diversity targets across firm

Pay equity at all levels

Ensure independence on the Board of Directors

Ensure board-level oversight responsibilities for Paris Alignment

Partner with educational institutions and consumers on energy transition and climate education

Contribute to technology transfer to developing countries for them to embrace the energy transition