Annexure A to Environmental Data Computation for Adani Energy Solutions

Energy Management

Energy Consumption	
Heating/Cooling/Steam consumed	Zero
Heating/Cooling/Steam sold	Zero
Standards, methodologies, assumptions, and/or tools used for energy consumption calculation and reduction in energy consumption (within and outside the organisation)	GHG Protocol
Source of the conversion factors used (within and outside the organisation)	All
Energy Intensity (GRI 302-3)	
Types of energy included in the intensity ratio (i.e., whether fuel, electricity, heating, cooling, steam, or all).	All
Inclusions in energy intensity ratio	The ratio includes energy consumption within the organisation
Reduction in Energy Consumption Energy Intensity (GRI 302-4)	
Types of energy included in the reductions (i.e., whether fuel, electricity, heating, cooling, steam, or all)	All
Base year for calculating reduction in energy consumption	FY 2024-25

Water Management

Water Withdrawal	
Information on Data Compilation	**Standards used & referenced:** ▪ GRI Water and Effluents 2018 standards ▪ ISO 14046: Environmental management ▪ CDP Water Security Questionnaire ▪ World Resources Institute (WRI) Aqueduct Tool 4.0 **Methodologies used for data collection:** ▪ Data collected from different sources and locations ▪ Direct measurement using piezoelectric meters and other instruments to measure water withdrawal volumes ▪ Indirect Estimation, calculating water withdrawal based on other measured parameters, such as pump capacities and operational hours ▪ Water withdrawal data obtained from third-party suppliers and contractors **Assumptions** ▪ Data is reported for a standardised period, of fiscal year for consistency ▪ To ensure comparability, data is converted to uniform reporting units, such as cubic meters (m3 or KL) **Data Verification** ▪ Internal audits and independent third-party audits have assured our data and methodologies used

GHG Emissions

Direct and Indirect GHG Emissions	
Base Year for emission calculations	Scope 1 and Scope 2: FY 2019-20 Scope 3: FY 2020-21
Gases considered in calculation	Scope 1: CO_2, CH_4, N_2O, SF_6, CFCs Scope 2: CO_2 Scope 3: CO_2, CH_4, N_2O, SF_6, CFCs
Biogenic CO_2 emissions (in metric tonnes of CO_2 equivalent)	Scope 1: 0 Scope 3: 0
Standards and methodologies used	GHG Protocol for Scope 1, 2 and 3 emissions
Consolidation approach for Emissions	Operational control (for both Scope 1 and Scope 2 emissions)
Source of the emission factors and the global warming potential (GWP) rates used	Emission Factors used have been prescribed by Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (AR6) and Department for Environment, Food and Rural Affairs (DEFRA). For Scope 3 categories where DEFRA is used as EFDB – Emission Factor Database, the GHGs include CO_2, CH_4, N_2O.
GHG Emissions Intensity	
Types of GHG emissions included in the intensity ratio	Scope 1 and 2
Gases included in the calculation of GHG emissions intensity ratio	CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF_3
Any significant changes in emissions that triggered recalculations of base year emissions and GHG emissions	No
GHG Emission Reductions	
GHG emissions reduced in FY 2024-25 as a direct result of reduction initiatives (in $MtCO_2e$)	29,10,181
Gases included in the calculation of reduction in GHG emissions	CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF_3
Base year or baseline for GHG emission reduction	FY 2023-24
Scopes in which reductions took place	Scope 1, 2 & 3
Standards and methodologies used	GHG Protocol