

## Operational Eco-efficiency Data

GRI	Required Data	Unit	Data Collection Period				
			2020	2021	2022	2023	2024
	Energy Consumption						
302 -1	Total energy consumption within the organisation from non-renewable sources	GWh	28,906	28,409	29,141	27,748	28,772
	Total renewable energy consumption	GWh	0	0	0	134	270
	Greenhouse Gases Emissions (GHGs) <sup>1</sup>						
305 -1	Total direct GHGs emissions (scope 1)	Million tonne CO <sub>2</sub> equivalent (tCO <sub>2</sub> e)	5.77	5.71	6.47	6.40	6.69
305 -2	Indirect GHGs emissions from energy purchased and consumes (scope 2) – location-based	Million tCO <sub>2</sub> e	1.33	1.36	1.55	1.50	1.43
	Indirect GHGs emissions from energy purchased and consumes (scope 2) – market-based	Million tCO <sub>2</sub> e	1.33	1.36	1.55	1.41	1.25
305 -3	Other indirect GHG emissions (Scope 3)	Million tCO <sub>2</sub> e	-	-	5.53	5.37	5.75
	– Cat 1: Purchased goods & services						
	– Cat 6: Business travel	Million tCO <sub>2</sub> e	-	-	-	-	<0.01
	– Cat 7: Employee commuting	Million tCO <sub>2</sub> e	-	-	-	-	0.01
	– Cat 11: Use of sold products	Million tCO <sub>2</sub> e	8.96	7.34	10.12	10.29	11.87

<sup>1</sup> Refer PCG Sustainability Report 2024 page 37 for details on the approach, GHGs calculation standard, methodology, emission factors, GWP references and restatements.

GRI	Required Data	Unit	Data Collection Period				
			2020	2021	2022	2023	2024
305-4	GHGs emission intensity (scope 1 & 2) – market-based	tCO <sub>2</sub> e/ tonne production	0.66	0.71	0.74	0.76	0.71
NO <sub>x</sub> , SO <sub>x</sub> , and Other Significant Air Emissions							
305-7	Volatile organic compounds (VOCs)	Tonne	11.7	257.4	341.2	-	-
	Nitrogen oxides (NO <sub>x</sub> ) emissions	Kilotonne	23.3	25.1	18.7	22.0	24.8
	Sulfur oxides (SO <sub>x</sub> ) emissions	Kilotonne	0.34	0.27	0.19	0.17	0.17
Water Consumption and Wastewater							
303-1	Withdrawal: Total municipal water supplies (or from other water utilities)	Million m3	37.83	63.7	62.7	56.5	60.4
	Total direct COD	Tonne	177.8	182.2	215.0	227.8	180.9
Routine Waste							
306-2	Total hazardous waste generated	kilotonne	27.0	97.0	88.8	80.6	108.3
Environmental Violations							
	Number of violations of legal obligations/ regulations	Number	0	0	0	0	0
	Amount of fines/penalties related to the above	RM (Million)	0	0	0	0	0
	Environmental liability accrued at year end	Number	0	0	0	0	0