



Performance Summary: Energy

Energy							
GRI	Required Data	Unit	OR Performance				
			2020	2021	2022	2023	Target
GRI 302-1 (2016)	Total Energy Consumption Within The Organization						
	Total energy consumption ^[1]	GJ	287,889	260,705	289,773	371,833	-
		MWh	79,969	72,418	80,493	100,912	-
	Total non-renewable energy consumption	GJ	287,889	253,526	281,799	330,383	-
		MWh	79,969	70,424	78,278	89,398	94,335
	Total renewable energy consumption	GJ	4,720	5,767	7,974	41,450	58,938
		MWh	1,311	1,602	2,215	11,514	16,372
	Total fuel consumption within the organization from non-renewable sources						
	Total fuel consumption within the organization from non-renewable sources	GJ	66,871	52,745	62,677	70,927	-
		MWh	18,575	14,651	17,410	19,702	-
	- Gasohol	GJ	No Data	No Data	No Data	24,887	-
		MWh	No Data	No Data	No Data	6,913	-
	- Diesel	GJ	No Data	No Data	No Data	25,165	-
		MWh	No Data	No Data	No Data	6,990	-
	- LPG	GJ	No Data	No Data	No Data	20,100	-
		MWh	No Data	No Data	No Data	5,583	-
	Total fuel consumption within the organization from renewable sources						
	Total fuel consumption within the organization from renewable sources	GJ	4,720	5,767	7,974	32,900	-
		MWh	1,311	1,602	2,215	9,139	-
	- Solar Roof	GJ	No Data	No Data	2,155	32,900	-
		MWh	No Data	No Data	599	9,139	-
	Total purchased energy						
	Total purchased energy (Renewable energy + Non-renewable energy)	GJ	221,018	200,781	219,122	259,456	-
		MWh	61,394	55,772	60,867	72,071	-
	Total purchased renewable energy						
	Renewable Energy Certificate (REC)	GJ	N/A	N/A	N/A	8,550	-
		MWh	N/A	N/A	N/A	2,375	-
	Total purchased non-renewable energy						
	- Electricity purchased from EGAT, PEA, MEA	GJ	221,018	200,781	219,122	250,906	-
		MWh	61,394	55,772	60,867	69,696	-
	Total Sold non-renewable energy						
	Total non-renewable energy (electricity and heating & cooling) sold	GJ	N/A	N/A	N/A	N/A	-
		MWh	N/A	N/A	N/A	N/A	-

Remarks :

N/A (Not Applicable): There is no relevant to the operations of OR.

No Data: There is no data in the reporting year.

[1] Source (Auditing and monitoring on the performance according to the standards required by law or international standards.)

[2] OR using the PTT Group's statistical reporting standards according to the principles of Greenhouse Gas Protocol and IPCC.

[3] OR do not use revenue in the reporting year for calculating energy intensity (Absolute Approach)

[4] Scope of energy consumption calculation including fuel and electricity

[5] Amount of energy consumption reduction achieved through energy conservation compared to 2023 as the base year

[6] The data covers the following operation site :

- Petroleum Terminal, Oil Depots, LPG Terminal and Aviation except Rental Terminal and Eastern Petroleum Terminal (Which covered Sriracha Oil Depot, Ban Rong Po LPG Depot and LPG Cylinder Refurbishment (Repairing) Plant, Khao Bo Ya LPG Depot)
- COCO PTT Station, FIT Auto
- Lubricants Distribution Center
- Prakanong Office
- LPG Cylinder Refurbishment Plant.
- Café Amazon Roasting Plant
- Amazon Inspiring Campus (AICA)
- Oil and Retail Business Academy (ORA)