

Water and Effluents							
GRI	Required Data	Unit	OR Performance				
			2022	2023	2024	2025	Target
GRI 303-3 (2018), GRI 303-4 (2018), GRI 303-5 (2018)	Withdrawal: Total municipal water supplies (or from other water utilities)	Million m <sup>3</sup>	1.94	1.99	2.25	1.98	-
	Withdrawal: Fresh surface water (lakes, rivers, etc.), excluding saltwater)	Million m <sup>3</sup>	0.005	0.02	0.03	0.03	-
	Withdrawal: Fresh groundwater	Million m <sup>3</sup>	0.15	0.22	0.20	0.16	-
	Water withdrawal (excluding saltwater)	Million m <sup>3</sup>	2.10	2.23	2.48	2.17	-
	Water discharge (excluding saltwater)	Million m <sup>3</sup>	1.85	1.71	1.87	1.81	-
	Total net fresh water consumption	Million m <sup>3</sup>	0.25	0.52	0.61	0.36	0.62
GRI 303-3 (2018)	<b>Water Withdrawal</b>						
	<b>Total water withdrawal from all areas</b>						
	Total water withdrawal from all areas	Megaliters	2,096.40	2,226.98	2479.43	2,168.65	-
		Million m <sup>3</sup>	2.10	2.23	2.48	2.17	-
	<b>Fresh water (from all areas)</b>						
	Total fresh water ( $\leq$ 1,000 mg/L Total Dissolved Solids) from all areas	Megaliters	2096.40	2,226.98	2479.43	2,168.65	-
		Million m <sup>3</sup>	2.10	2.23	2.48	2.17	-
	- Surface water	Megaliters	4.74	15.094	25.89	29.08	-
		Million m <sup>3</sup>	0.0047	0.0151	0.03	0.03	-
	- Groundwater	Megaliters	152	218.67	198.79	159.08	-
		Million m <sup>3</sup>	0.152	0.219	0.20	0.16	-
	- Seawater	Megaliters	0.00	0.00	0.00	0.00	-
		Million m <sup>3</sup>	0.00	0.00	0.00	0.00	-
	- Third-party water	Megaliters	1940	1,993.22	2254.75	1,980.49	-
		Million m <sup>3</sup>	1.940	1.993	2.25	1.98	-
	<b>Other water (from all areas)</b>						
	Other water (>1,000 mg/L Total Dissolved Solids) from all areas	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Surface water	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Groundwater	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
- Seawater	Megaliters	N/A	N/A	N/A	N/A	-	
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
- Third-party water	Megaliters	N/A	N/A	N/A	N/A	-	
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
-	<b>Other water</b>						
	- Used quarry water collected in the quarry	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
- External wastewater	Megaliters	N/A	N/A	N/A	N/A	-	

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			2022	2023	2024	2025	Target
		Million m3	N/A	N/A	N/A	N/A	-
	- Harvested rainwater	Megaliters	N/A	N/A	N/A	N/A	-
		Million m3	N/A	N/A	N/A	N/A	-
	<b>Total water withdrawal from all areas with water stress</b>						
	Total water withdrawal from all areas with water stress <sup>[1]</sup>	Megaliters	645.08	1,691.39	1872.67	1707.65	-
		Million m <sup>3</sup>	0.65	1.69	1.87	1.71	-
		%	30.77%	75.95%	75.53%	78.74%	-
	<b>Fresh water (from all areas with water stress)</b>						
	Total fresh water ( $\leq$ 1,000 mg/L Total Dissolved Solids) from all areas with water stress	Megaliters	645.08	1,691.39	1,872.67	1,707.65	-
		Million m <sup>3</sup>	0.65	1.6914	1.87	1.71	-
	- Surface water	Megaliters	5	6.72	25.89	29.08	-
		Million m <sup>3</sup>	0.0047	0.007	0.03	0.03	-
	- Groundwater	Megaliters	24	90.73	99.77	111.32	-
		Million m <sup>3</sup>	0.02	0.09	0.10	0.11	-
	- Seawater	Megaliters	0.00	0.00	0.00	0.00	-
		Million m <sup>3</sup>	0.00	0.00	0.00	0.00	-
	- Third-party water	Megaliters	617	1,593.94	1,747.00	1,567.25	-
		Million m <sup>3</sup>	0.62	1.59	1.75	1.57	-
	<b>Other water (from all areas with water stress)</b>						
	Total other water (>1,000 mg/L Total Dissolved Solids) from all areas with water stress	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Surface water	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Groundwater	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Seawater	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
	- Third-party water	Megaliters	N/A	N/A	N/A	N/A	-
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-
GRI 303-4 (2018)	<b>Water Discharge</b>						
	<b>Total water discharge to all areas</b>						
	Total Water discharge to all area <sup>[2]</sup>	Megaliters	1,869.61	1,730.16	1,886.71	1,822.02	-
		Million m <sup>3</sup>	1.87	1.73	1.89	1.82	-
	<b>Fresh water (to all areas)</b>						
	Total fresh water ( $\leq$ 1,000 mg/L Total Dissolved Solids) discharge to all area	Megaliters	1870	1,730.16	1,886.71	1,822.02	-
		Million m <sup>3</sup>	1.87	1.73	1.89	1.82	-
	- Surface water	Megaliters	107	90.65	111.86	12.18	-
		Million m <sup>3</sup>	0.107	0.091	0.11	0.01	-
	- Groundwater	Megaliters	0.00	0.00	0.00	0.00	-
		Million m <sup>3</sup>	0.00	0.00	0.00	0.00	-
	- Seawater	Megaliters	19	18.27	19.63	15.33	-
		Million m <sup>3</sup>	0.019	0.018	0.02	0.02	-

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			2022	2023	2024	2025	Target	
	- Third-party water	Megaliters	1744	1,621.24	1,755.22	1,793.20	-	
		Million m <sup>3</sup>	1.744	1.621	1.76	1.79	-	
	- Third-party water sent for use to other organizations	Megaliters	No data	No data	No data	1.31	-	
		Million m <sup>3</sup>	No data	No data	No data	0.00	-	
	<b>Other water (to all areas)</b>							
	Total other water (>1,000 mg/L Total Dissolved Solids) from all areas	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	- Surface water	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	- Groundwater	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	- Seawater	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	- Third-party water	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	- Third-party water sent for use to other organizations	Megaliters	N/A	N/A	N/A	N/A	-	
		Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-	
	<b>Fresh water (to all areas with water stress)</b>							
	Total fresh water (≤1,000 mg/L Total Dissolved Solids) discharge to all area with water stress	Megaliters	549	1,311.24	1401.28	1,279.67	-	
		Million m <sup>3</sup>	0.549	1.31	1.40	1.28	-	
- Surface water	Megaliters	40	73.63	95.96	12.18	-		
	Million m <sup>3</sup>	0.0400	0.0736	0.10	0.01	-		
- Groundwater	Megaliters	0.00	0.00	0.00	0.00	-		
	Million m <sup>3</sup>	0.00	0.00	0.00	0.00	-		
- Seawater	Megaliters	0.00	18.27	19.63	15.33	-		
	Million m <sup>3</sup>	0.00	0.02	0.02	0.02	-		
- Third-party water	Megaliters	509	1,219.34	1285.69	1,250.85	-		
	Million m <sup>3</sup>	0.51	1.22	1.29	1.25	-		
- Third-party water sent for use to other organizations	Megaliters	N/A	N/A	N/A	1.31	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	0.0013	-		
<b>Other water (to all areas with water stress)</b>								
Total other water (>1,000 mg/L Total Dissolved Solids) from all areas with water stress	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		
- Surface water	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		
- Groundwater	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		
- Seawater	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		
- Third-party water	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		
- Third-party water sent for use to other organizations	Megaliters	N/A	N/A	N/A	N/A	-		
	Million m <sup>3</sup>	N/A	N/A	N/A	N/A	-		

Water and Effluents							
GRI	Required Data	Unit	OR Performance				
			2022	2023	2024	2025	Target
-	Water Discharge to Treatment						
	- On-site water treatment	Megaliters	N/A	N/A	N/A	2,014.77	-
		Million m3	N/A	N/A	N/A	2.01	-
	- Off-site water treatment	Megaliters	N/A	N/A	N/A	8.58	-
		Million m3	N/A	N/A	N/A	0.01	-
	- Beneficial / other use total discharge	Megaliters	N/A	N/A	N/A	0.00	-
Million m3		N/A	N/A	N/A	0.00	-	
GRI 303-5 (2018)	Water Consumption						
	Water consumption from all area (including seawater)	Megaliters	226.79	496.82	592.71	346.63	-
		Million m <sup>3</sup>	0.23	0.50	0.59	0.35	-
	Water consumption from all area with water stress (including seawater)	Megaliters	95.917	380.15	471.38	427.98	-
		Million m <sup>3</sup>	0.0959	0.3801	0.4714	0.43	-
	Water storage						
	Change in water storage	Megaliters	No data	No data	No data	No data	-
		Million m <sup>3</sup>	No data	No data	No data	No data	-

**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] Areas at risk of water scarcity mean OR's operation area there is potential for limited water resource in the surrounding area. OR have guidelines for proper water managements. OR regularly assess the risks and impacts of water in OR's operation follow group guidelines. OR use tools and international standards including Aqueeduct.

[2] Drain to central/municipal treatment plant.

[3] The data covers the following operation site :

- Petroleum Terminal Oil Terminal LPG Terminal and Aviation except Rental Depot/Terminal and Eastern Oil Depot/Terminal (e.g. Sriracha Oil Depot, Khao Bo Ya LPG Depot, Banrongpo Terminal, Banrongpo LPG Filling Plant and Banrongpo LPG Cylinder Refurbishment (Repairing) Plant reported by
- COCO PTT Station
- COCO Fit Auto
- Lubricant Production of Phrakanong
- Lubricant Distribution Center of Bangprokong
- Prakanong Office
- LPG Cylinder Refurbishment (Repairing) Plant. (Songkla)
- LPG Cylinder Refurbishment (Repairing) Plant. (KhonKaen)
- Café Amazon Roasting Plant
- Amazon Inspiring Campus (AICA)
- OR Academy (ORA)
- Café Amazon Coffee Bean Warehouse in Mae Wang, Chiang Mai Province

[4] In 2024, the number of water stress areas has increased, resulting in higher water usage in operational areas located in stress zones that rely on third-party water sources, compared to the previous year.