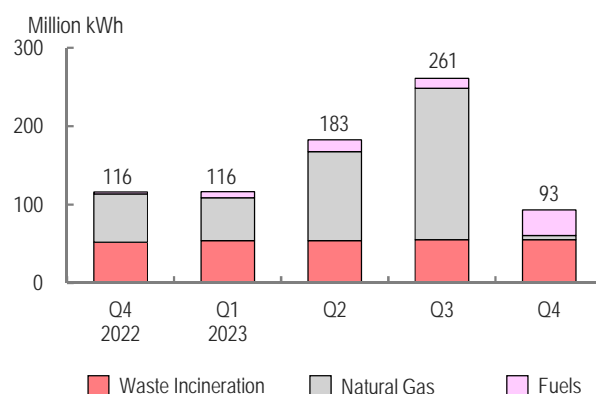


- In 2023, total energy consumption increased by 7.9% year-on-year. Analysed by type of energy, consumption of Electricity grew by 9.1%, with the consumption by the Government and Establishments rising by 18.7% and 11.6% respectively; in contrast, consumption by Households dropped by 1.2%. Consumption of Natural Gas went up by 1.2%, whereas consumption of Liquefied Petroleum Gas edged down by 0.3%. In the fourth quarter, total energy consumption rose by 4.3% year-on-year, of which consumption of Electricity and Liquefied Petroleum Gas grew by 11.1% and 4.2% respectively.
- For the whole year of 2023, imports of Electricity and Liquefied Petroleum Gas increased by 9.3% and 1.9% respectively year-on-year, while local production of Electricity rose by 7.3%. In the fourth quarter, imports of Electricity and Liquefied Petroleum Gas expanded by 14.2% and 13.7% respectively year-on-year, while local production of Electricity went down by 19.5%.
- In 2023, average selling prices of Gas Oil & Diesel for Automotive Use, Unleaded Gasoline for Automotive Use and Bottled Liquefied Petroleum Gas grew by 4.1%, 2.8% and 2.7% respectively year-on-year, while the average selling price of Centralised Liquefied Petroleum Gas dropped by 0.5%. In the fourth quarter, average selling prices of Bottled Liquefied Petroleum Gas, Centralised Liquefied Petroleum Gas, Unleaded Gasoline for Automotive Use and Gas Oil & Diesel for Automotive Use showed respective growth of 6.0%, 4.8%, 3.2% and 2.8% year-on-year.

Energy Imports and Production

	Current Quarter	Change (%)		2023	Year-on-year Change (%)
		Quarter-on-quarter	Year-on-year		
Imports					
Liquefied Petroleum Gas (t)	8 243	14.0	13.7	31 101	1.9
Gasoline for Automotive Use ('000 L)	23 165	-11.7	-13.3	98 147	8.1
Gas Oil & Diesel ('000 L)	31 828	32.6	77.0	113 902	22.7
Fuel Oil ('000 L)	4 800	33.3	..	12 000	203.0
Common Kerosene ('000 L)	306	2.4	-5.1	1 258	2.5
Natural Gas ('000 m ³)	9 553	-82.7	-56.8	121 716	4.0
Electricity (million kWh)	1 302	-18.3	14.2	5 327	9.3
Production of Electricity (million kWh)	93	-64.2	-19.5	653	7.3

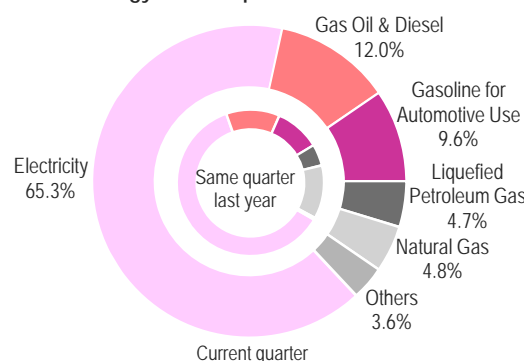
Electricity Production



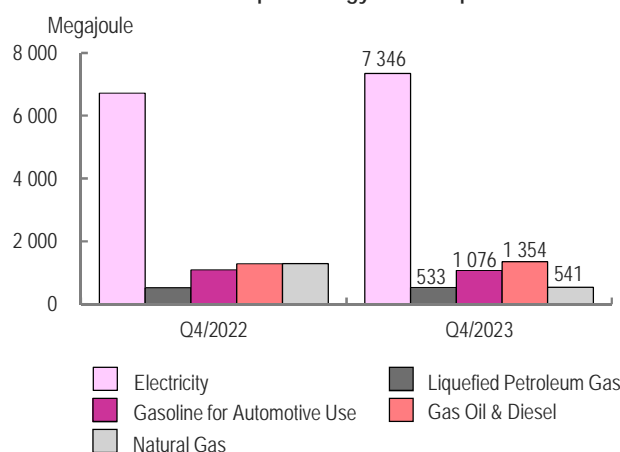
Consumption of Energy

	Current Quarter	Change (%)		2023	Year-on-year Change (%)
		Quarter-on-quarter	Year-on-year		
Total (terajoule)	7 687	-30.0	4.3	34 911	7.9
Liquefied Petroleum Gas (t)	8 006	19.8	4.2	31 108	-0.3
Establishments	5 098	16.0	13.8	19 465	9.1
Households	2 908	27.0	-9.3	11 643	-12.8
Gasoline for Automotive Use ('000 L)	22 599	-10.8	-0.1	96 622	6.4
Gas Oil & Diesel ('000 L)	25 035	1.9	7.3	93 943	5.7
Fuel Oil ('000 L)	6 560	152.1	1 330.2	13 965	151.8
Common Kerosene ('000 L)	300	-1.3	-1.3	1 271	3.4
Natural Gas ('000 m³)	9 476	-82.8	-57.5	121 747	1.2
Electricity Generation	2 580	-94.8	-84.8	96 641	-4.4
Electricity (million kWh)	1 395	-24.8	11.1	5 981	9.1
Establishments	931	-18.4	14.1	3 849	11.6
Households	263	-35.4	2.1	1 235	-1.2
Government	165	-17.4	21.2	656	18.7

Energy Consumption Structure



Per-Capita Energy Consumption



Average Selling Prices

	Current Quarter	Change (%)		2023	MOP Year-on-year Change (%)
		Quarter-on-quarter	Year-on-year		
Bottled Liquefied Petroleum Gas (per kg)	20.76	3.1	6.0	20.49	2.7
Centralised Liquefied Petroleum Gas (per m ³)	52.25	3.8	4.8	51.35	-0.5
Unleaded Gasoline for Automotive Use (per L)	14.75	2.9	3.2	14.36	2.8
Gas Oil & Diesel for Automotive Use (per L)	16.67	2.6	2.8	16.27	4.1

4th Quarter Energy Balance

	Liquefied Petroleum Gas	Gasoline for Automotive Use	Gas Oil & Diesel	Fuel Oil	Common Kerosene	Natural Gas	Electricity	Terajoule
Imports	375	754	1 177	189	11	373	Production	336
International Transport	-	-	-162	-	-	-	Imports	4 687
Change in Stock	-12	-21	-8	63	-1	1	Total Available Supply	5 022
Total Available Supply	364	732	1 006	252	10	374	Losses from Production, Transmission and Distribution	89
Statistical Deviation	1	3	-81	6	0 [#]	-4	Own Consumption of the Energy Sector	42
Total Consumption	365	735	926	259	11	370	Final Consumption	4 891
Electricity Generation	-	-	2	259	-	101	Free supply of electricity	5
Final Consumption:	365	735	923	-	11	269	Sales Volume:	4 886
Establishments & Government	232	735	923	-	11	255	Establishments & Government	3 944
Households	132	-	-	-	-	14	Households	942

Historical Data on 4th Quarter Energy Consumption

	2018	2019	2020	2021	2022
Total (Terajoule)	9 088	9 529	6 824	7 982	7 368
Liquefied Petroleum Gas (t)	10 852	10 230	9 125	8 735	7 686
Gasoline for Automotive Use ('000 L)	27 588	27 239	24 813	24 665	22 618
Gas Oil & Diesel ('000 L)	28 741	25 106	22 393	23 562	23 336
Fuel Oil ('000 L)	2 412	1 164	2 230	2 726	459
Common Kerosene ('000 L)	576	481	383	351	304
Natural Gas ('000 m ³)	49 721	61 241	7 160	31 861	22 282
Electricity (million kWh)	1 272	1 332	1 220	1 263	1 256

Symbols:

- Absolute value equals zero
- 0[#] Magnitude less than half of the unit employed
- MOP Macao Patacas
- '000 Thousand
- .. Not applicable

- Notes: 1. Users of electricity are classified in accordance with the usage declared by customers when applying for electricity supply.
2. Electricity consumption by the Government refers to the total electricity usage the government paid for, including general public administration, urban public lighting, public medical and educational institutions.
3. Please refer to the statistical table of "Energy Unit Conversion" for conversion factors for energy units (oil equivalent and terajoule).

Sources of data: Data on Imports of Petroleum Products from Economic and Technological Development Bureau, Electricity Survey, Survey of Fuels, Consumer Price Survey and External Merchandise Trade Statistics

For additional information:
<http://www.dsec.gov.mo/e/energy.aspx>

