

JAMAICA ENERGY STATISTICS 2024

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TABLE 1. TOTAL PETROLEUM IMPORTS

2020-2024

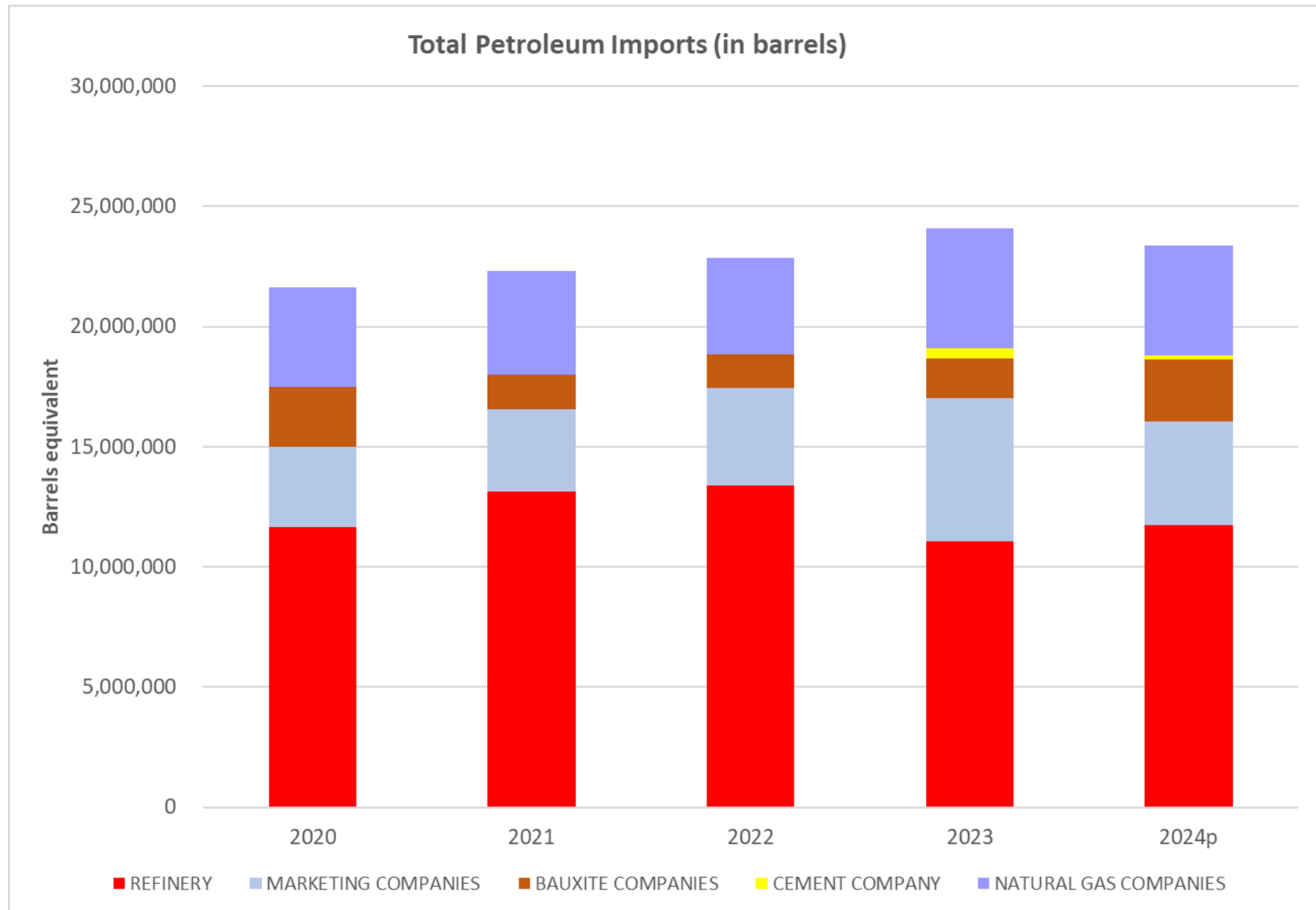
Importer Grouping	2020		2021		2022		2023		2024p	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
	(bbl)	(US\$)	(bbl)	(US\$)	(bbl)	(US\$)	(bbl)	(US\$)	(bbl)	(US\$)
<u>REFINERY</u>										
<i>Crude</i>	7,977,310	380,099,717	8,186,366	580,889,967	7,118,678	728,222,217	5,741,996	486,447,045	6,320,587	511,576,014
<i>Refined Products</i>	3,349,146	168,693,852	4,614,523	386,173,118	5,848,950	815,474,301	5,097,478	533,331,212	5,199,155	498,777,987
<i>Ethanol</i>	336,755	22,128,278	352,277	36,977,637	411,154	46,356,081	238,031	26,717,291	220,824	16,797,921
<i>Sub - Total</i>	11,663,211	570,921,848	13,153,166	1,004,040,721	13,378,782	1,590,052,598	11,077,505	1,046,495,548	11,740,566	1,027,151,922
<u>MARKETING COMPANIES</u>										
<i>Refined Products</i>	3,225,661	214,705,877	3,174,467	266,216,120	3,921,679	553,631,536	5,691,988	649,019,037	4,102,942	447,522,571
<i>Ethanol</i>	88,435	9,280,209	229,491	28,110,304	137,769	20,179,195	252,901	33,668,954	200,949	20,922,892
<i>Sub - Total</i>	3,314,096	223,986,086	3,403,958	294,326,425	4,059,449	573,810,731	5,944,889	682,687,992	4,303,891	468,445,462
<u>BAUXITE COMPANIES</u>										
<i>Bunker C</i>	1,248,180	38,583,484	858,899	46,843,164	1,264,737	85,891,918	1,642,218	130,794,270	2,598,438	210,340,422
<i>Low. Vanadium</i>	1,252,695	47,764,731	599,189	33,079,091	129,393	9,971,709				
<i>Sub - Total</i>	2,500,875	86,348,215	1,458,088	79,922,255	1,394,130	95,863,627	1,642,218	130,794,270	2,598,438	210,340,422
<u>CEMENT COMPANY</u>										
<i>Petcoke</i>	-	-	-	-	-	-	419,040	10,747,188	161,660	3,835,212
<i>Sub - Total</i>							419,040	10,747,188	161,660	3,835,212
NON - BAUXITE TOTAL	14,977,307	794,907,934	16,557,124	1,298,367,145	17,438,231	2,163,863,330	17,441,434	1,739,930,727	16,206,117	1,499,432,596
TOTAL Petroleum	17,478,182	881,256,149	18,015,213	1,378,289,400	18,832,361	2,259,726,957	19,083,652	1,870,724,997	18,804,556	1,709,773,018
Natural Gas	4,163,508	192,731,825	4,284,843	241,493,696	4,034,378	392,314,122	4,991,432	306,370,589	4,570,272	262,065,988
Grand Total	21,641,689	1,073,987,974	22,300,056	1,619,783,096	22,866,739	2,652,041,079	24,075,084	2,177,095,586	23,374,827	1,971,839,005

SOURCE: Petrojam, Marketing Companies, Cement Company and Bauxite Companies

Note:

p - preliminary

r= revised



Prepared by the Energy Economics and Planning Unit, Energy Division
Ministry of Science, Energy, Telecommunications and Transport
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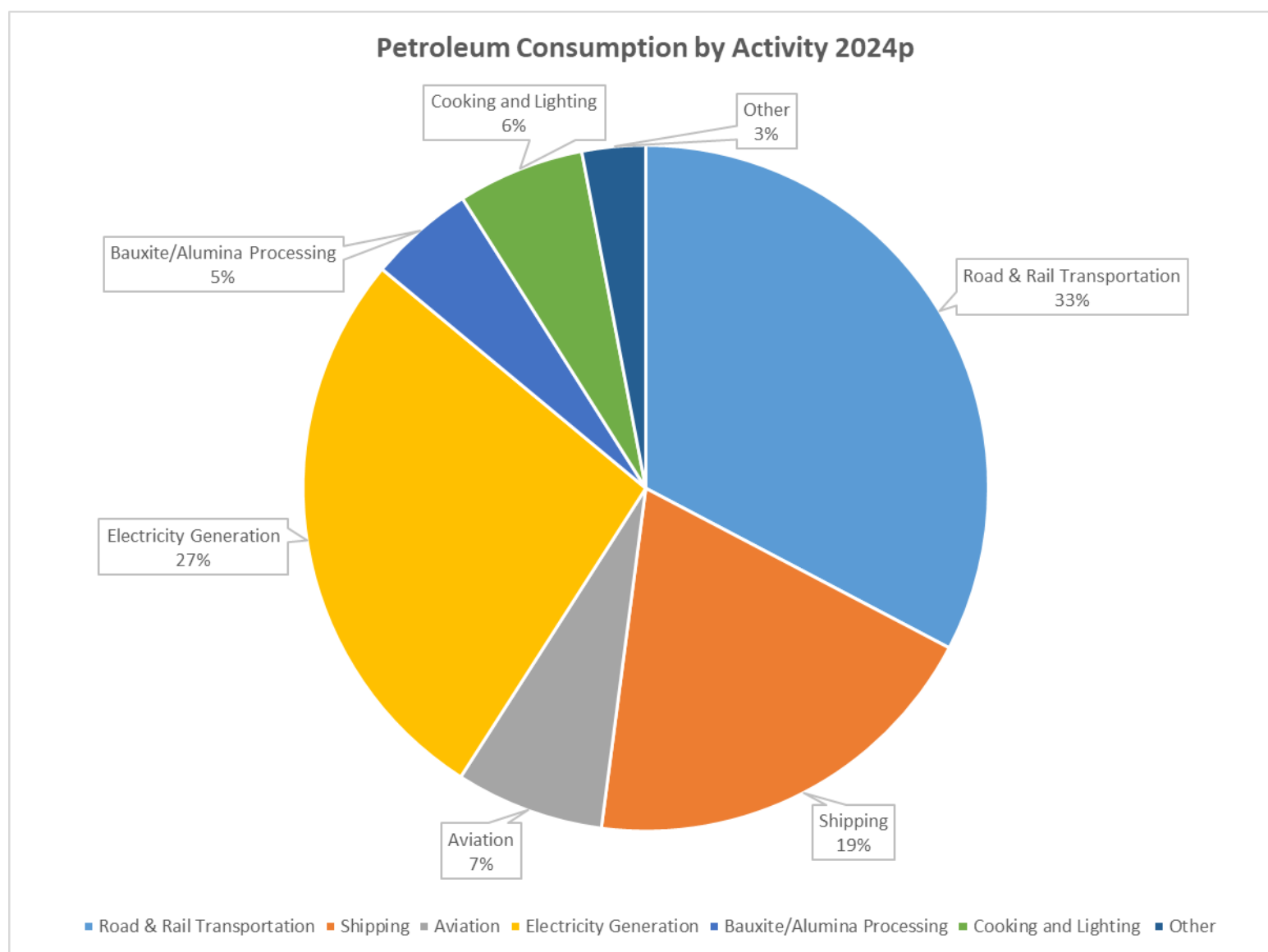
**TABLE 2. PETROLEUM CONSUMPTION BY ACTIVITY
2019 - 2024 (bbl)**

Activities	2020	2021	2022	2023p	2024p
Road & Rail Transportation	6,391,072	6,782,464	6,758,929	7,251,153	7,572,264
Shipping	4,049,863	3,138,038	3,404,683	3,504,060	4,484,150
Aviation	612,512	821,528	1,434,965	1,642,743	1,622,391
Cement Manufacturing	15,952	13,458	10,916	451,614	235,281
Electricity Generation	5,963,625	5,969,066	5,837,457	6,111,879	6,222,075
Bauxite/Alumina Processing	2,372,704	1,735,385	1,301,538	1,056,127	1,105,558
Sugar Manufacturing	14,223	16,609	16,563	4,902	5,979
Cooking and Lighting	1,097,230	1,162,067	1,004,733	1,174,711	1,488,164
Other	82,557	89,275	70,725	60,709	65,717
TOTAL	20,599,737	19,727,888	19,840,509	21,257,898	22,801,579
Petroleum Refinery	<u>317,698</u>	<u>241,819</u>	<u>324,494</u>	<u>290,608</u>	<u>307,551</u>
GRAND TOTAL	20,917,435	19,969,707	20,165,003	21,548,506	23,109,130

SOURCE: Bauxite/Alumina Companies, Caribbean Cement Company, Jamaica Public Service Company, Independent Private Power Companies, Refinery Statistics, Marketing Companies' Sales

Notes: (1) p - preliminary

(2)* Totals do not include figures for lubricants and asphalts which are non energy products.



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TABLE 3. PETROLEUM CONSUMPTION BY PRODUCTS (bbl)
2020 - 2024

Product	2020	2021	2022	2023	2024p
Asphalt	88,278	71,529	78,196	158,862	137,988
Auto Diesel Oil	1,419,706	1,564,149	1,808,982	1,647,563	1,478,385
E 10 -90	2,666,610	2,966,966	3,122,304	3,460,126	3,601,845
E10 -87	1,745,896	1,683,657	1,823,944	1,865,295	1,866,031
Heavy Fuel Oil	7,864,989	5,964,589	5,218,264	4,596,304	4,065,979
Kerosene	28,081	42,543	53,465	5,881	7,557
LPG	1,069,149	1,119,524	1,004,733	1,096,427	1,488,164
Lubricants	1,476	1,432	2,179	1,847	2,023
Turbo Fuel	612,512	821,528	1,434,965	1,452,314	1,622,391
Ultra Low Sulphur Diesel	806,014	926,021	1,115,650	1,014,251	1,075,830
Natural Gas	4,108,623	4,247,201	4,010,632	4,977,389	4,570,272
Low Sulphur Diesel	278,157	391,711	156,265	199,656	194,107
Petcoke	0	0	0	447,024	235,281
Total	20,689,491	19,800,850	19,829,579	20,922,939	20,345,853

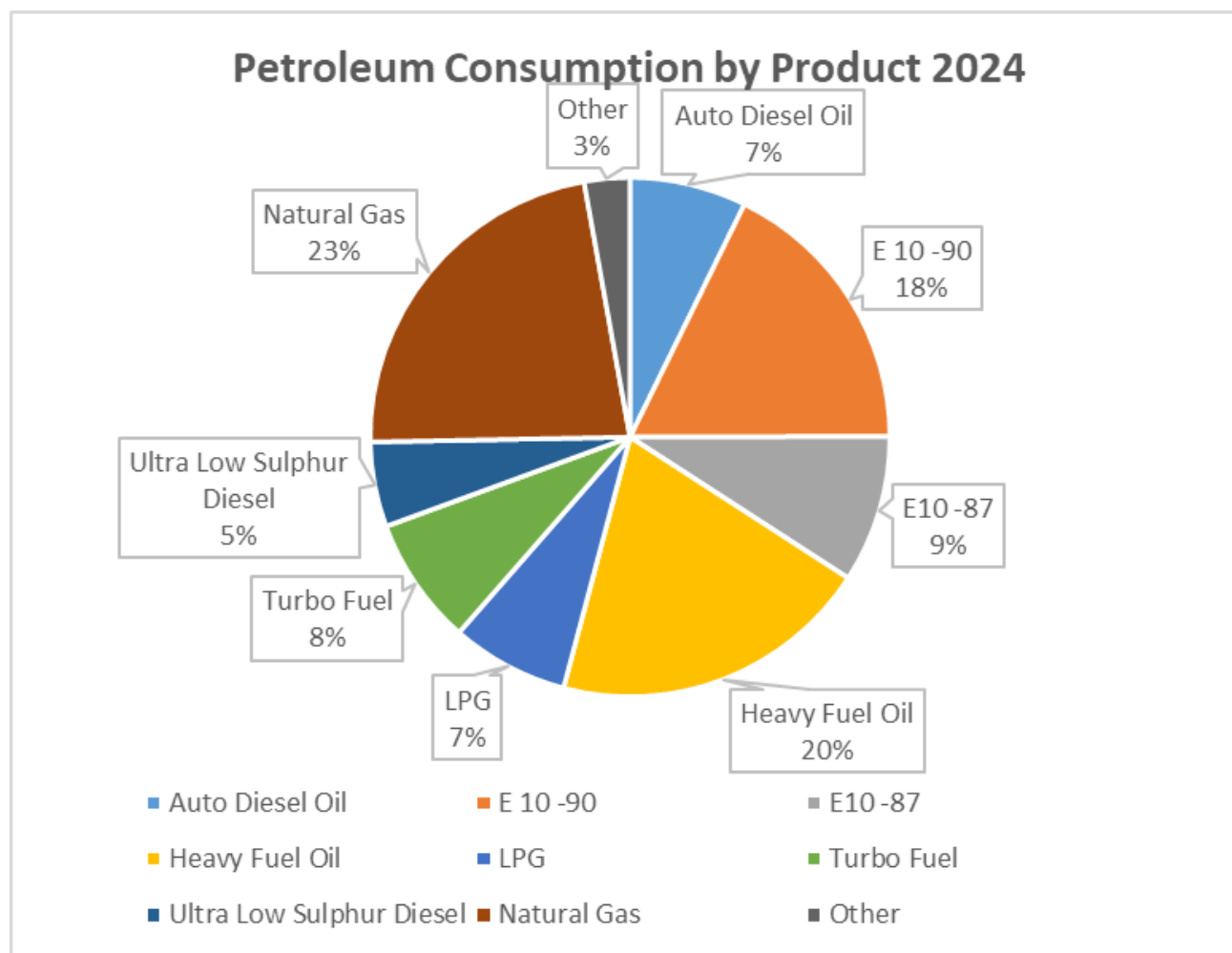


TABLE 4. PETROLEUM PRICES FOR SELECTED PRODUCTS (J\$/LITRE)**Refinery Billing Price**

Year	E10-90	E10-87	A.D.O	ULSD
2020	121.48	117.00	116.96	120.97
2021	144.92	140.42	137.11	141.16
2022	195.17	190.52	208.41	213.75
2023	177.66	173.08	182.95	191.88
2024	176.49	168.73	171.05	178.28

NOTE: All prices are mean values

Source: Petrojam Limited

**TABLE 5. JAMAICA'S TOTAL EXPORT
2020 - 2024**

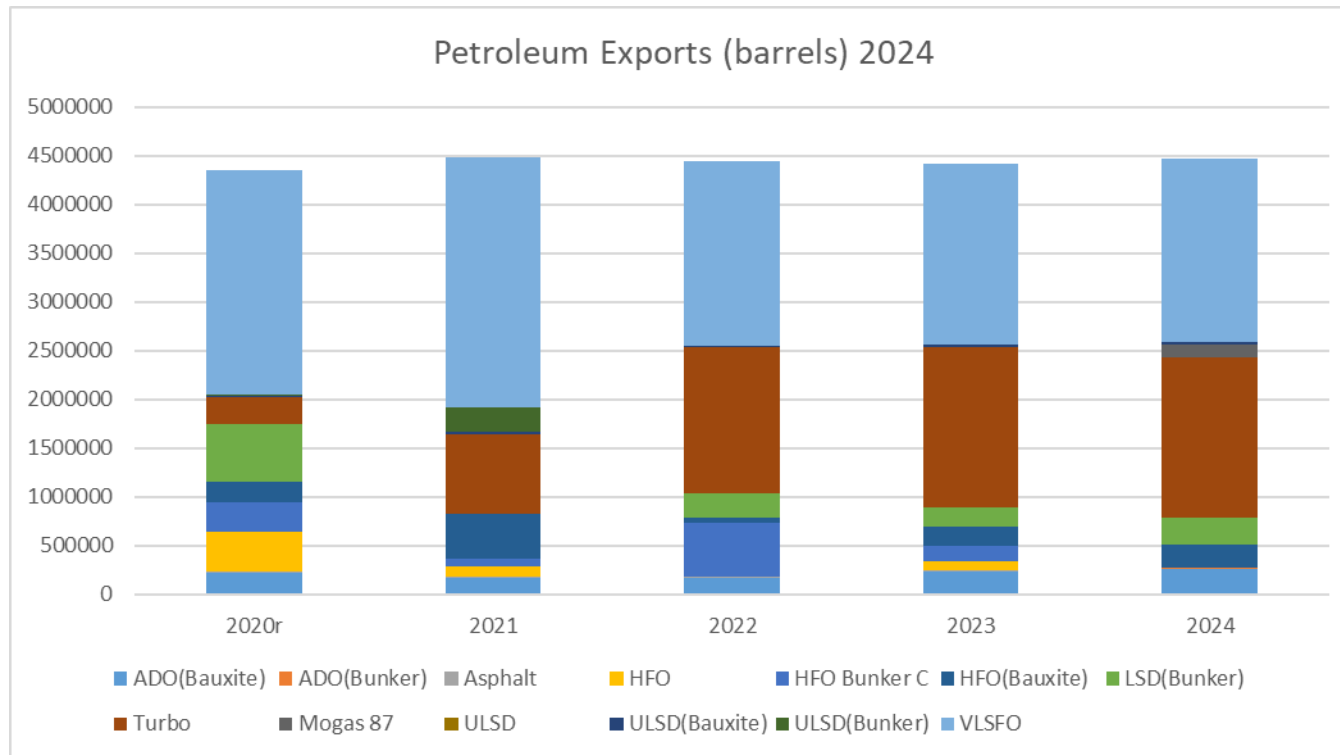
Products	2020	2021	2022	2023	2024p
	Volume	Volume	Volume	Volume	Volume
	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)
ADO (bauxite)	221,318	170,674	162,098	226,758	259,107
ADO (Bunker)	0	1,391	10,499	10,393	6,720
ADO	0	0	0	166,401	0
Asphalt	10,177	5,616	5,475	2,712	2,244
HFO	405,159	108,190	0	91,089	0
HFO Bunker C	309,009	78,236	552,692	168,138	0
HFO(Bauxite)	201,700	461,496	60,022	194,086	9,676
HSFO	0	0	0	303,352	235,898
LSD (Bunker)	601,559	0	248,380	199,656	279,363
Turbo	272,115	820,290	1,492,948	1,642,743	1,653,115
Mogas 87	0	0	0	95,466	119,482
ULSD	1,438	0	0	0	0
ULSD (Bauxite)	14,996	19,881	22,412	27,605	26,186
ULSD (Bunker)	9,742	248,095	113	714	1,236
VLSFO	2,299,662	2,569,522	1,892,136	1,855,599	1,891,123
Grand Total	4,346,875	4,483,391	4,446,775	4,984,712	4,484,150

SOURCE: Petrojam Ltd.

Note:

p - preliminary

r= revised



**TABLE 6. JAMAICA'S TOTAL PRODUCTION FROM CRUDE (bbl)
2020-2024**

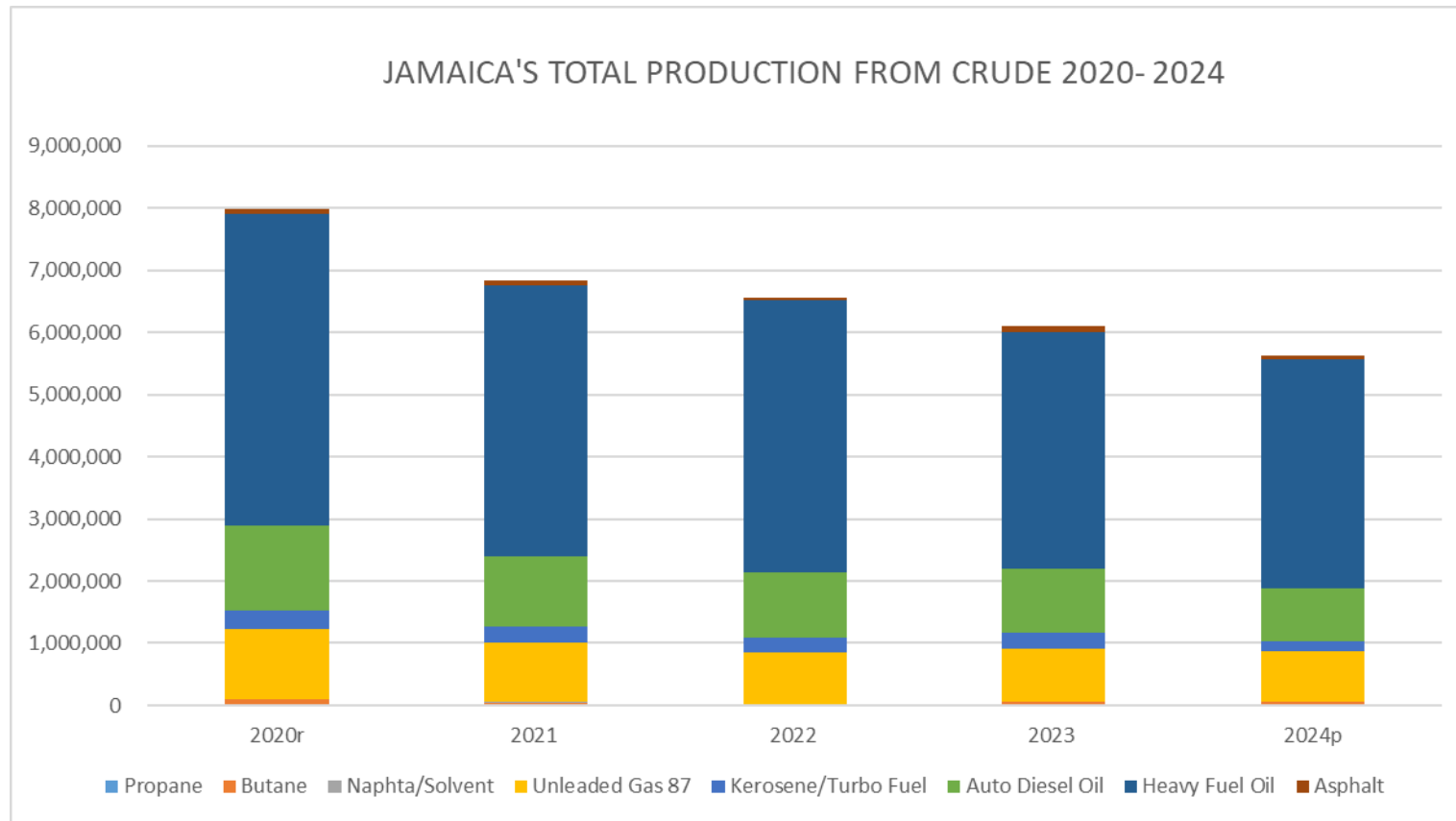
PRODUCT	2020	2021	2022	2023	2024p
Propane	28,525	10,817	1,973	6,823	4,908
Butane	77,893	38,284	23,407	52,491	51,576
Naphta/Solvent	327	242	179	222	243
Unleaded Gas 87	1,112,491	968,909	826,848	847,832	817,968
Kerosene/Turbo Fuel	303,422	241,282	246,055	263,324	152,431
Auto Diesel Oil	1,368,296	1,140,213	1,049,141	1,031,718	854,601
Heavy Fuel Oil	5,013,787	4,358,626	4,368,233	3,801,573	3,679,106
Asphalt	71,119	70,973	49,228	89,500	70,392
TOTAL	7,975,860	6,829,346	6,565,064	6,093,483	5,631,224

SOURCE: Petrojam Ltd.

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**Table 7. JAMAICA'S TOTAL ENERGY CONSUMPTION
2020 - 2024**

ENERGY SOURCES	UNIT MEASURE	2020	2021	2022	2023	2024p
PETROLEUM BASED	('000 bbl)					
Auto Diesel Oil	"	1,420	1,564	1,748	1,648	1,478
E10 - 87	"	1,746	1,684	1,698	1,865	1,866
E10 - 90	"	2,667	2,967	2,950	3,460	3,602
Fuel Oil	"	7,865	5,965	5,204	4,596	4,066
Kerosene	"	28	43	53	6	8
Liquid Petroleum Gas	"	1,069	1,120	1,004	1,096	1,488
Turbo Fuel	"	807	821	1,435	1,452	1,622
Ultra Low Sulphur Diesel		612	926	1,050	1,014	1,076
Low Sulphur Diesel (LSD)		278	392	156	200	194
Petcoke		-	-	-	447	235
Total Petroleum (1)	"	16,491	15,482	15,298	15,784	15,636
Petroleum - BOE (2)	"	15,806	14,677	14,576	15,015	14,854
ALTERNATIVE ENERGY						
Natural Gas	000 MWh	2,481	2,543	2,386	2,810	2,750
	000 BOE	1,537	1,576	1,432	1,741	1,650
Hydropower	000 MWh	136	139	119	110	122
	000 BOE	84	86	71	68	73
Wind	000 MWh	280	264	272	232	216
	000 BOE	174	163	163	144	129
Solar	000 MWh	124	132	131	133	142
	000 BOE	77	82	79	83	85
Coal	000 TONNES	91	96	87	3	19
	000 BOE	457	483	416	13	98
Bagasse - BOE	"	266	251	230	178	183
Alternative Energy - BOE	"	2,595	2,641	2,391	2,227	2,218
Total Petroleum & Alternative Energy	000 BOE	18,400	17,318	16,967	17,242	17,072

Pre SOURCE: Bauxite/Alumina Companies, Caribbean Cement Company, Jamaica Public Service Company,
Mi Independent Private Power Companies, Refinery Statistics, Marketing Companies' Sales
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Notes:

1 - Does not include asphalt, lubricants & petrochemicals

2 - Barrel of Oil Equivalent

Fuelwood and Charcoal data unavailable

p - preliminary

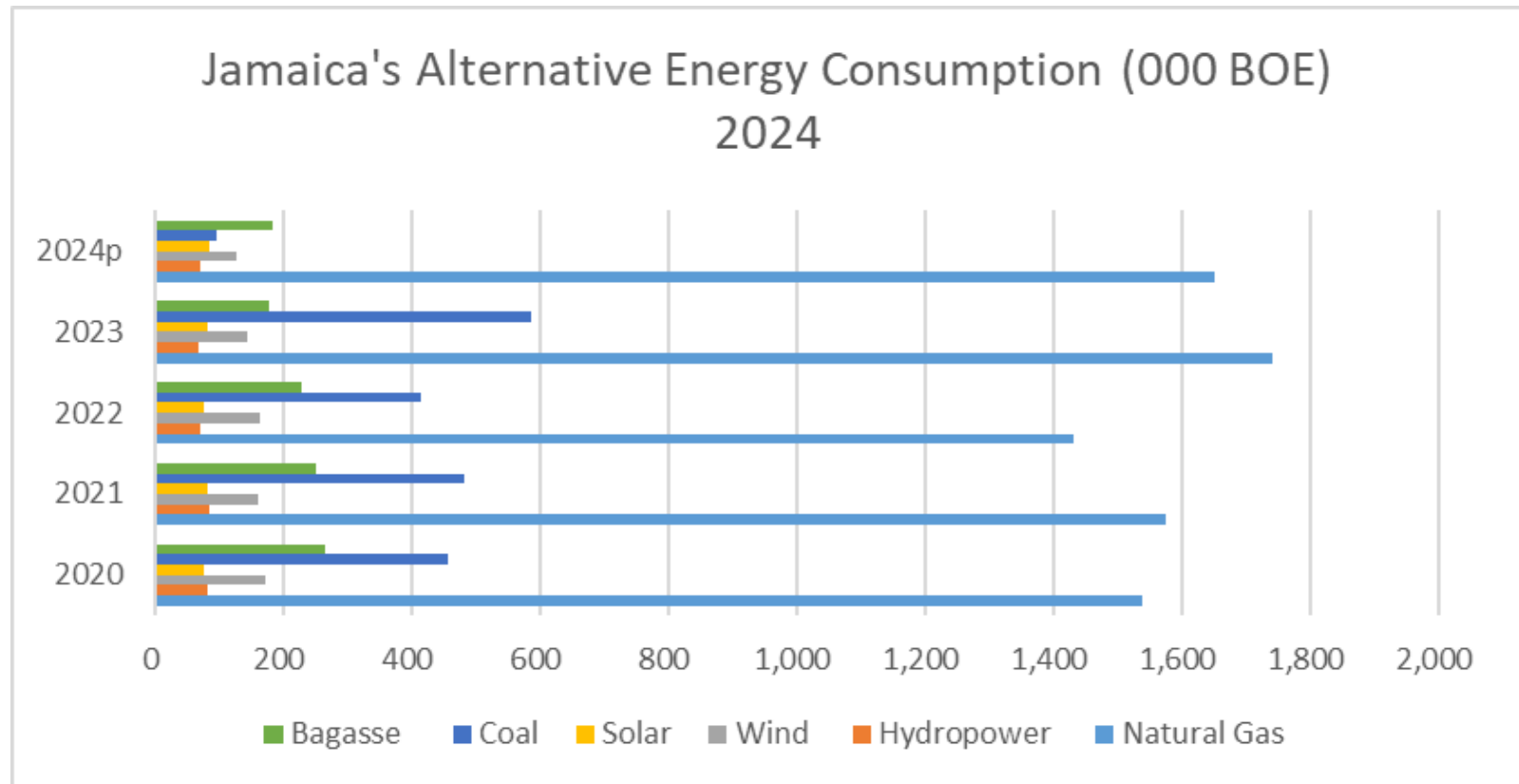


TABLE 8. JPS ELECTRICITY STATISTICS

ELECTRICITY GENERATION (MWh)					
Category	2020	2021	2022	2023	2024p
Petroleum	1,206,233	1,226,317	1,516,217	1,378,864	1,359,354
Natural Gas	2,481,186	2,543,490	2,385,955	2,810,863	2,750,150
Hydro	135,581	138,432	119,442	110,284	122,470
Wind	280,321	263,808	271,820	231,724	216,815
Solar	124,112	131,908	131,337	133,124	142,147
Total Net Generation	4,227,433	4,303,955	4,424,771	4,664,859	4,590,936
<i>Losses</i>	1,184,788	1,217,766	1,254,574	1,299,607	1,229,161
Losses as a % of Net Generation	28%	28%	28%	28%	27%

ELECTRICITY SALES (MWh)					
Category	2020	2021	2022	2023	2024p
Rate 10 (Residential)	1,138,658	1,123,328	1,080,875	1,147,708	1,171,284
Rate 20 (General Service)	554,019	545,915	589,456	633,586	641,208
Rate 40 (Power Service)	740,678	742,629	775,119	811,180	798,457
Rate 50 (Large Power)	331,857	343,079	361,261	376,909	383,551
Rate 60 (Street Light)	51,546	49,432	41,455	39,839	39,178
Rate 70 (Largest Power Customers)	225,798	281,811	322,033	355,645	328,095
Other	86				
TOTAL	3,042,642	3,086,194	3,170,199	3,364,867	3,361,773

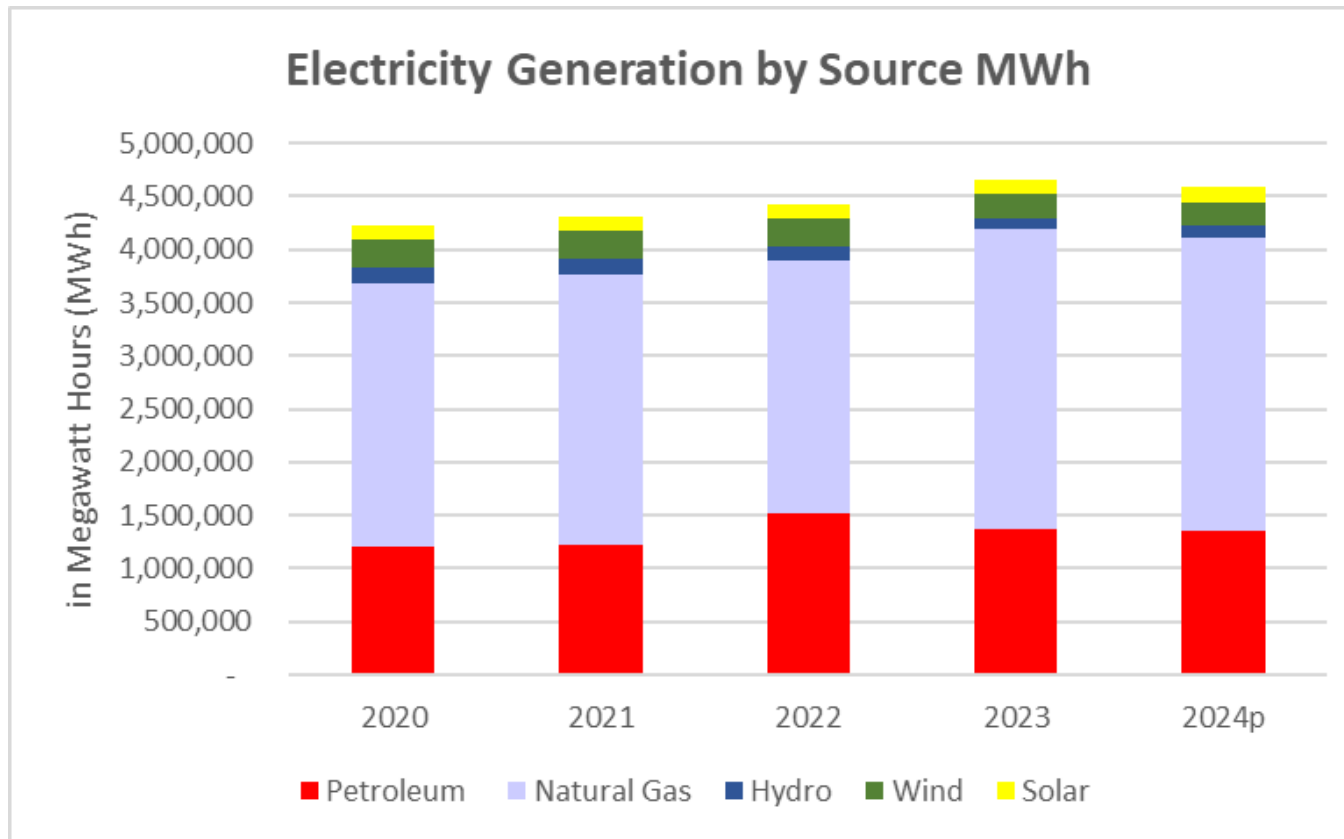
SOURCE: Jamaica Public Service and Independent Power Producers

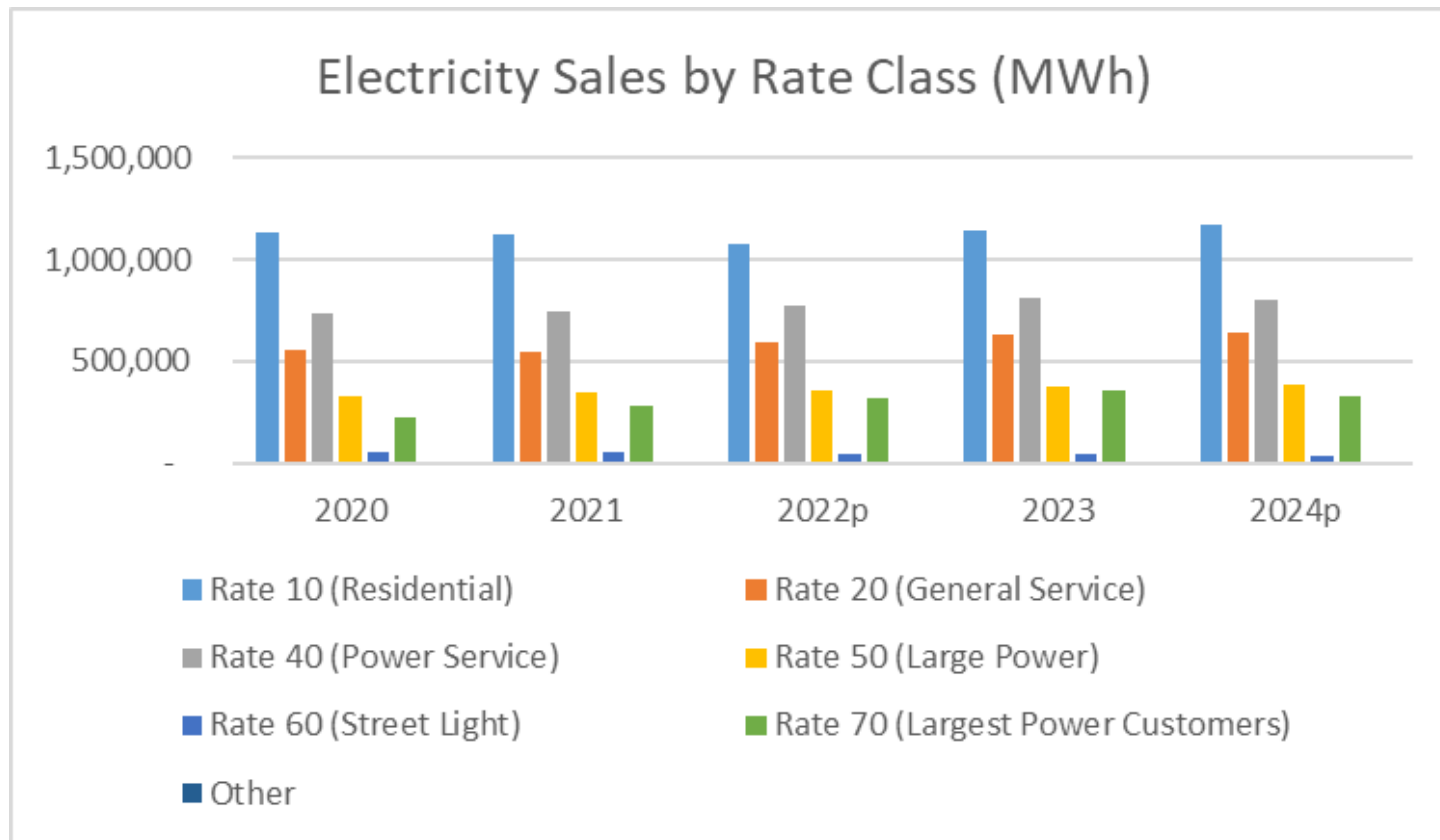
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Trends in JPS Rate Charges (Jamaican Cents/kWh)

Rate Class	2020	2021	2022	2023	2024p
Rate 10 (Residential)	4,404	5,204	6,292	5,514	5,695
Rate 20 (General Service)	4,504	5,290	6,219	5,339	5,465
Rate 40 (Power Service)	3,559	4,240	5,104	4,353	4,488
Rate 50 (Large Power Service)	2,992	3,609	4,357	3,731	3,826
Rate 60 (Street Light)	4,911	5,198	6,613	5,932	6,254
Rate 70 (Largest Power Service)	3,351	3,571	4,413	3,840	3,932
Average Rate Charge	3,993	4,657	5,579	4,773	4,988
US Cents per KWh	28	31	36	31	32

Source: Jamaica Public Service Company Limited

Note:

p - preliminary

r - revised

