

# DOMESTIC APPLIANCES USAGE TABLE



**CALCULATION BASED ON TARRIFS AS PER: 01-Nov-17**

HIGH USAGE EQUIPMENT	CAPACITY	USAGE-TIME	ENERGY CONSUMPTION PER MONTH	MONTHLY COST (NAFL.)
<b>AC UNIT (WINDOW)</b>	7,000 BTU	8 hours/day	140.3 kWh	82.17
	9,000 BTU	8 hours/day	168.5 kWh	98.68
	12,000 BTU	8 hours/day	232.3 kWh	136.07
	18,000 BTU	8 hours/day	400.0 kWh	234.32
	24,000 BTU	8 hours/day	510.0 kWh	298.78
<b>AC UNIT ("Split Unit")</b>	7,000 BTU	8 hours/day	135.5 kWh	79.37
	9,000 BTU	8 hours/day	161.4 kWh	94.53
	12,000 BTU	8 hours/day	215.2 kWh	126.04
	18,000 BTU	8 hours/day	348.4 kWh	204.10
	24,000 BTU	8 hours/day	469.9 kWh	275.26
<b>REFRIGERATOR</b>	14 cu ft	24 hours/day	65.7 kWh	38.49
	16 cu ft	24 hours/day	109.5 kWh	64.15
	18 cu ft	24 hours/day	109.5 kWh	64.15
	24 cu ft	24 hours/day	288.2 kWh	168.83
<b>FREEZER</b>	16 cu ft	24 hours/day	104.8 kWh	61.37
	19 cu ft	24 hours/day	117.5 kWh	68.85
	CAPACITY	LOADS PER WEEK	ENERGY CONSUMPTION PER MONTH	MONTHLY COST (NAFL.)
<b>CLOTHES WASHER</b> American European Semi- Automatic	8 kg	8	10.4 kWh	6.09
	5 kg	8	8.7 kWh	5.08
	6 kg	8	86.7 kWh	50.77
<b>CLOTHES DRYER (Electrical)</b>	8 kg	8	104.0 kWh	60.92
<b>DISHWASHER</b> American European	X	7	65.8 kWh	38.56
	X	7	63.7 kWh	37.32

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APPLIANCES USAGE	CAPACITY	TIME USAGE PER DAY/D OR WEEK/W	ENERGY CONSUMPTION PER MONTH	MONTHLY COST (NAFL.)	
<b>MICRO WAVE</b>	0.7 cu ft	140 min / W	7.1 kWh	4.15	
	0.9 cu ft	140 min / W	8.1 kWh	4.74	
	1.3 cu ft	140 min / W	10.1 kWh	5.92	
<b>RICE COOKER</b>	6 cup(s)	20 min / D	6.2 kWh	3.62	
	10 cup(s)	20 min / D	6.6 kWh	3.86	
	12 cup(s)	20 min / D	10.6 kWh	6.24	
<b>COFFEE MAKER</b>	8 cup(s)	15 min / D	4.2 kWh	2.45	
	10 cup(s)	15 min / D	5.7 kWh	3.34	
<b>TOASTER</b>	650 W	4 min / D	1.3 kWh	0.77	
	800 W	4 min / D	1.6 kWh	0.95	
	900 W	4 min / D	1.8 kWh	1.07	
	1050 W	4 min / D	2.1 kWh	1.25	
	1650 W	4 min / D	3.3 kWh	1.96	
<b>KITCHEN MIXER</b>	325 W	5 min / D	0.8 kWh	0.48	
<b>FOODPROCESSOR</b>	220 W	5 min / D	0.6 kWh	0.33	
<b>IRON</b>	1050 W	4 hours / W	18.2 kWh	10.66	
<b>TABLE -/ CEILING- FAN</b>	55 W	4 hours / D	6.7 kWh	3.92	
<b>COLOR TV</b>	13 inch	88 W	6 hours / D	16.1 kWh	9.41
	20 inch	100 W	6 hours / D	18.3 kWh	10.69
	27 inch	234 W	6 hours / D	42.7 kWh	25.02
	29 inch	210 W	6 hours / D	38.3 kWh	22.45
<b>HAIRDRYER</b>	1350 W	10 min / D	6.8 kWh	4.01	
<b>VACUUM CLEANER</b>	1000 W	30 min / W	2.2 kWh	1.27	
<b>"COMPUTER"(PC)</b>	X	8 hours / D	48.7 kWh	28.51	

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<b>LIGHTING</b>	<b>CAPACITY</b>	<b>USAGE-TIME</b>	<b>ENERGY CONSUMPTION PER MONTH</b>	<b>MONTHLY COST (NAFL.)</b>
<b>LIGHT BULB</b> (25W)	250 Lm	12 hours / D	9.1 kWh	5.35
(40W)	400 Lm	12 hours / D	14.6 kWh	8.55
(60W)	600 Lm	12 hours / D	21.9 kWh	12.83
(75W)	900 Lm	12 hours / D	27.4 kWh	16.04
(100W)	1,200 Lm	12 hours / D	36.5 kWh	21.38
<b>"DAYLIGHT" / FLOURESCENT / TL- LAMP</b> (18W)	950 Lm	12 hours / D	6.6 kWh	3.85
(20W)	1,000 Lm	12 hours / D	7.3 kWh	4.28
(40W)	2,500 Lm	12 hours / D	14.6 kWh	8.55
<b>"CIRCLE" TL LAMP</b> (22W)	1,054 Lm	12 hours / D	8.0 kWh	4.70
<b>HALOGEN LIGHT</b> (40W)	2,000 Lm	12 hours / D	14.6 kWh	8.55
(100W)	3,000 Lm	12 hours / D	36.5 kWh	21.38
<b>SPOT LIGHT</b> (75W)	2,000 Lm	12 hours / D	27.4 kWh	16.04
<b>"ENERGY SAVER"</b>				
" 5W PL Lamp/s	250 Lm	12 hours / D	2.9 kWh	1.71
" 7W PL Lamp/s	400 Lm	12 hours / D	3.7 kWh	2.14
" 9W PL Lamp/s	600 Lm	12 hours / D	4.4 kWh	2.57
"11W PL Lamp/s	900 Lm	12 hours / D	5.1 kWh	2.99
<b>"ENERGY SAVER"</b>				
" 8W PL Lamp/s	350 Lm	12 hours / D	4.0 kWh	2.35
" 10W PL Lamp/s	600 Lm	12 hours / D	4.7 kWh	2.78
" 13W PL Lamp/s	900 Lm	12 hours / D	5.8 kWh	3.42
" 18W PL Lamp/s	1,200 Lm	12 hours / D	7.7 kWh	4.49
" 26W PL Lamp/s	1,800 Lm	12 hours / D	10.6 kWh	6.20
<b>"ENERGY SAVER"</b>				
" 9W PL Lamp/s	400 Lm	12 hours / D	4.4 kWh	2.57
" 13W PL Lamp/s	600 Lm	12 hours / D	5.8 kWh	3.42
" 18W PL Lamp/s	900 Lm	12 hours / D	7.7 kWh	4.49
" 25W PL Lamp/s	1,200 Lm	12 hours / D	10.2 kWh	5.99