



CATEGORY:GENERAL APPLIANCES
Tested Units as of: June 2022

Rate: Php 10.45/kWh
2022 1H Average Rate for ALL Meralco Residential Customers

Brand	Capacity / Size	Unit of Measure	Product	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost To Operate (Php)
Hanabishi	1000	W	Dry Flat Iron	Dry	HI-83	0.2015	2.11
Philips	-	-	Steam Cleaner	Steam	FC7020/01	0.6670	6.97
Seers	-	-	Water Heater	Tankless, DC Heater	F23H	0.5053	5.28
Blue Air	68.00	sq.m	Air Purifier	Air Purifier	203sK230PAW	0.0862	0.90
Blue Air	34.00	sq.m	Air Purifier	Air Purifier	403K230PAW	0.0902	0.94
Blue Air	65.00	sq.m	Air Purifier	Air Purifier	650EK230PAW	0.1039	1.09
Hanabishi	-	-	Water Dispenser	Water Dispenser	HFSWD 800	0.0534	0.56
Sharp	30.00	sq.m	Air Purifier	Air Purifier	FP-FM40E-B	0.0344	0.36
Sharp	21.00	sq.m	Air Purifier	Air Purifier	FP-GM30E-B	0.0483	0.50
Fujidenzo	65	L	Sterilizer	65 Liters Tableware Sterilizer - Single Door - Stainless steel	DS-65 SC	0.3694	3.86
Fujidenzo	-	-	Water Dispenser	Free standing Water Dispenser (Black)	FWD-1031 B	0.1304	1.36
Fujidenzo	-	-	Water Dispenser	Free standing Water Dispenser - Bottom gallon load - w/ water pump (Black)	FWD-1634 B	0.1346	1.41
Philips	2400	W	Steam Flat Iron	Steam Iron	GC4910/10	0.2982	3.12
Philips	2400	W	Dry Flat Iron	Perfect Care Dry Iron	GC7035/29	0.4435	4.64
Dowell	-	-	Water Dispenser	Bottom Load	WDS-12BL	0.1705	1.78
Dowell	-	-	Water Dispenser	Slim type	WDS-15S	0.1333	1.39
Dowell	-	-	Water Dispenser	Table Top	WDT-50H	0.0851	0.89
3D	-	-	Water Dispenser	Water Dispenser	WD-570ECT	0.0379	0.40
3D	-	-	Water Dispenser	Water Dispenser	WD600SL	0.0267	0.28
UV Care	-	-	UVC	Germ Stick	UVCGG202088	0.0046	0.05
UV Care	-	-	UVC	Ultimate Germ Zapper	Ultra Germ Zapper	0.0008	0.01
MSJ	42	Ah	Back up Power Supply	with 600watts Pure Sine Wave power Inverter	MSJ20210701	0.6393	6.68
MSJ	60	Ah	Back up Power Supply	with 1000watts Pure Sine Wave power Inverter	MSJ20210702	0.9262	9.68
Asahi	-	-	Water Dispenser	cold and hot dispenser	WD 107	0.0395	0.41
Firefly	10	L	Air Humidifier	Rechargeable	FEL6113	0.0320	0.33
Firefly	-	-	Smart Plug	Smart Plug	FSP101	0.0009	0.01
Fresh-Air	17	W	UV Light	UV Light	TUVCL-260HO	0.0360	0.38
LG	1700	W	Clothes Styler	Clothes Styler	S3MFC.ALMGGSC	0.5329	5.57
Ogawa	51	W	Foot Massager	Omknee 2.0	OF2004	0.0099	0.10
Ogawa	50	W	Foot Massager	Tapping Foottee	OF1728	0.0132	0.14
Ogawa	80	W	Massage Chair	Smart Reluxe	OG6383	0.0107	0.11
Ogawa	120	W	Massage Chair	Smart Vogue Plus	OG5569	0.0147	0.15
Ogawa	200	W	Massage Chair	Master Drive Plus	OG7598	0.0344	0.36
Ogawa	-	-	Massage Chair	Master Drive AI-AP	OG7598X	0.0392	0.41
Ogawa	60	W	Massage Sofa	My Sofa 2	OS3158	0.0103	0.11
Ogawa	80	W	Massage Sofa	My Sofa Luxe	OS3161S	0.0114	0.12
Ogawa	24	W	Portable Massage Cushion	XE mini	OZ0948	0.0048	0.05
Ogawa	35	W	Portable Massage Cushion	Cozmic	OZ1006	0.0077	0.08
Vornado	24.00	sq.m	Air Purifier	Air Purifier	PCO575 DC	0.0627	0.65
Tefal	1650-1960	W	Garment Steamer	Garment Steamer	IT2440M0	1.0169	10.63
UV Care	5	W	UV Light	UV Light	2x5 Watts Sterilizer	0.0073	0.08
UV Care	23	W	UV Light	UV Light	23 WATTS Sterilizer	0.0200	0.21
UV Care	110	W	UVC Sterilizing Cabinet	UVC Sterilizing Cabinet	UVCS2020888	0.0297	0.31
UV Care	-	-	UV Germ Killer	UV Germ Killer	UV Germ Killer	0.0545	0.57
3D	1100	W	Dry Flat Iron	Flat Iron	SM-1800	0.2143	2.24
3D	1000	W	Dry Flat Iron	Flat Iron	SM-2000 II	0.2682	2.80



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3D	-	-	Floor Polisher	Floor Polisher	FP-C03	0.0089	0.09
3D	-	-	Floor Polisher	Floor Polisher	FB-B02	0.1727	1.80
3D	-	-	Vacuum Cleaner	Vacuum Cleaner	MC-700ST	0.5045	5.27
3D	-	-	Vacuum cleaner	Vacuum Cleaner	MC-103	0.8996	9.40
3D	-	-	Vacuum Cleaner	Vacuum Cleaner	VC-WD1400	1.1500	12.02
Betterbuys	-	-	Mosquito Catcher	Mosquito Catcher	-	0.0009	0.01
Dowell	1200	W	Dry Flat Iron	Flat Iron	DI-535NS	0.1678	1.75
Dowell	1200	W	Dry Flat Iron	Flat Iron	DI-518AL	0.1787	1.87
Dowell	1200	W	Steam Flat Iron	Steam Iron	SI-745	0.3758	3.93
Dowell	1400	W	Steam Flat Iron	Steam Iron	SI-711	0.5102	5.33
Firefly	7	L	Air Humidifier	YS Air Cool&Warm Mist Humidifier	FYH102	0.0984	1.03
Firefly	70.00	sq.m	Air Purifier	YS Smart AP with wifi, ionizer and uvc	FYP401	0.0556	0.58
Firefly	30.00	sq.m	Air Purifier	YS AP with UVC - medium	FYP305	0.0043	0.04
Firefly	10.00	sq.m	Air Purifier	YS AP with UVC - mini	FYP102	0.0052	0.05
Firefly	10.00	sq.m	Air Purifier	YS mini AP with UVC	FYP101	0.0077	0.08
Firefly	30.00	sq.m	Air Purifier	YS AP with UVC - medium	FYP304	0.0306	0.32
Firefly	15.00	sq.m	Air Purifier	YS AP with UVC - small	FYP203	0.0397	0.41
Firefly	30.00	sq.m	Air Purifier	YS Smart AP with wifi, ionizer and uvc	FYP303	0.0546	0.57
Firefly	30.00	sq.m	Air Purifier	YS Smart AP with UVC - medium	FYP302	0.0650	0.68
Fresh-Air	17	W	Ultra Germ Zapper	UV Bulb	TUVCL-224HO	0.0180	0.19
Fresh-Air	40	W	UVC Sterilization Device	Mini UV LED	TUVP MINI LED	0.0100	0.10
Hanabishi	-	-	Water Dispenser	Water Dispenser	HFSWD-800	0.1660	1.73
Karcher	190	W	Steam Cleaner	Handheld Vacuum Cleaner	VC4i	0.0532	0.56
Karcher	1200	W	Steam Cleaner	Steam Cleaner SC 1 EasyFix	SC 1	0.1383	1.45
Karcher	1500	W	Steam Cleaner	Steam Cleaner SC 2	SC 2 DELUXE	0.6168	6.45
Karcher	1900	W	Steam Cleaner	Steam Cleaner SC 3	SC 3	0.6852	7.16
Karcher	2200	W	Steam Cleaner	Steam Vacuum Cleaner	SV7	0.7775	8.12
Kolin	20	sq.m	Dehumidifier	Dehumidifier	KDM-20LES	0.2055	2.15
Midea	-	-	Water Heater	Water Heater	P-67WTR350WMTL	0.5968	6.24
Midea	-	-	Water Heater	Water Heater	P-67WTR450WMTH	0.7577	7.92
n/a	-	-	Foot Massager	Foot Massager	-	0.0049	0.05
n/a	-	-	Hair Blower	Hair Blower	-	0.0447	0.47
n/a	-	-	Hair Iron	Hair Iron	-	0.0160	0.17
n/a	-	-	Hair Iron Brush	Hair Iron Brush	-	0.0078	0.08
n/a	-	-	Massager	Massager	-	0.0041	0.04
Philips	2400	W	Steam Flat Iron	Steam Iron	GC 4910	0.2982	3.12
Philips	2400	W	Steam Flat Iron	Steam Iron	GC 7035	0.4435	4.63
PROLABS	100	W	UVC Light Table Lamp	UVC Table Lamp	PL001	0.0773	0.81
PROLABS	60	W	UVC Light Table Lamp	UVC Floor Lamp	PL002	0.1266	1.32
PROLABS	38	W	UVC Light Table Lamp	UVC Table Lamp	PL003	0.0203	0.21
PROLABS	38	W	UVC Light Table Lamp	UVC Table Lamp	PL004	0.0243	0.25
PROLABS	15	W	UVC Light Table Lamp	UVC Lamp Tube	PL005A	0.0300	0.31
PROLABS	20	W	UVC Light Table Lamp	UVC Lamp Tube	PL005B	0.0442	0.46
PROLABS	1000	W	UVC Machine	UVC Machine	PL007	0.6324	6.61
PROLABS	5	W	UVC Light Table Lamp	Rechargeable UVC Light Wand	UV wand	0.0018	0.02



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Romoss	10k	mAh	Powerbank	Powerbank	10K mAh	0.0157	0.16
Romoss	30k	mAh	Powerbank	Powerbank	30K mAh	0.1533	1.60
Sharp	21.00	sq.m	Air Purifier	Air Purifier	FP-F30E	0.0453	0.47
Sharp	62.00	sq.m	Air Purifier	Air Purifier	FU-A80E-W	0.0172	0.18
Sharp	22.30	sq.m	Air Purifier	Air Purifier	KC-930E	0.0265	0.28
Sharp	26.00	sq.m	Air Purifier	Air Purifier	KC-D40E	0.0179	0.19
Sharp	48.00	sq.m	Air Purifier	Air Purifier	KC-D60E	0.0673	0.70
Tefal	1100-1310	W	Steam Flat Iron	Steam Iron	FV1026	0.4290	4.48
Tefal	1920-2290	W	Steam Flat Iron	Steam Iron	FV1533	0.461	4.82
Tefal	1100 - 1300	W	Garment Steamer	Access Steam Pocket	DT3030GO	0.0883	0.92
Tefal	1370-1630	W	Garment Steamer	Handheld Garment Steamer	DR8085	0.1373	1.43
Tefal	1555-1850	W	Garment Steamer	Standard Garment Steamer	IS8380	0.2563	2.68
Tefal	2500 - 2980	W	Garment Steamer	Upright Garment Steamer	QT1510G0	0.9014	9.42
Tefal	1550-1850	W	Garment Steamer	Garment Steamer	IT3440	1.3100	13.69
Tefal	1550-1850	W	Garment Steamer	Garment Steamer	IT3420	1.2498	13.06
Tefal	1370-1630	W	Garment Steamer	Upright Garment Steamer, 2- Steam Settings	IT6540	1.4445	15.10
Tefal	1550-1850	W	Garment Steamer	ProStyle Garment Steamer	IT3440MO	1.6475	17.22
Tefal	1550-1850	W	Garment Steamer	ProStyle Garment Steamer	IT3420MO	1.6664	17.41
Tefal	2010-2400	W	Steam Flat Iron	Steam Iron	FV3910	0.3583	3.74
Tefal	1280-1525	W	Steam Flat Iron	Steam Iron	FV1320	0.3936	4.11
Tefal	1850-2200	W	Steam Flat Iron	Steam Iron	FV4010	0.4198	4.39
Tefal	2100-2500	W	Steam Flat Iron	Steam Iron	FV4944	0.4239	4.43
Tefal	1920-2290	W	Steam Flat Iron	Steam Iron	FV1520	0.4402	4.60
Tefal	2185 - 2600	W	Steam Flat Iron	Steam Iron	FV4980	0.7595	7.94
Tefal	2070	W	Steam Flat Iron	Ecomaster Steam Iron	FV1721	0.7789	8.14
UV Care	40	sq.m	Air Purifier	Clean Air 6-Stage Air Purifier with ViruX® Patented Technology	Stage 6 UVC A100	0.0556	0.58
UV Care	80.00	sq.m	Air Purifier	8-Stage Air Purifier with Humidifier with ViruX® Patented Technology	A350 Stage 8 Air Pu	0.0369	0.39
UV Care	60	sq.m	Air Purifier	Super Air Cleaner (7- Stage Air Purifier) with ViruX® Patented Technology	r Cleaner Stage 7 Ai	0.0927	0.97
UV Care	-	-	UVC Sterilization Device	Pocket Sterilizer	Pocket Sterilizer	0.00	0.03344
UV Care	-	-	UVC Sterilization Device	Deluxe Germ Terminator	Deluxe Germ Terminat	0.004	0.0418
UV Care	15	W	UVC Sterilization Device	Portable Germ Zapper	PGZ01	0.0113	0.12
UV Care	253.7	W	UVC Sterilization Device	Room Sterilizer	Room Sterilizer	0.0400	0.42
UV Care	-	-	UVC Sterilization Device	Ultra Germ Zapper	UVUG21020	0.0541	0.57
WEDO	-	-	Multi Massager	can use USB charger	WEDO Multi Massage	0.0031	0.03
Whirlpool	25.00	sq.m	Air Purifier	6th Sense Technology	AP 625 W	0.0717	0.75
Whirlpool	37.00	sq.m	Air Purifier	Air Purifier	AP 636 W	0.0552	0.58
3D	-	-	Water Dispenser	Water Dispenser	WD-570ECT	0.0379	0.40
3D	-	-	Water Dispenser	Water Dispenser	WD-600SL	0.0267	0.28
Dowell	-	-	Water Dispenser	Water Dispenser	WDS-12BL	0.1705	1.78



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Dowell	-	-	Water Dispenser	Water Dispenser	WDS-15S	0.1333	1.39
Dowell	-	-	Water Dispenser	Water Dispenser	WDS-50H	0.0851	0.89
Dowell	-	-	Water Dispenser	Water Dispenser	WDS-80	0.1493	1.56
Fujidenzo	-	-	Water Dispenser	Table Top Water Dispenser	WD-102B	0.0955	1.00