

Summary of Electricity Tariffs in South Asia and Other Selected Countries

Customer	Class	Electricity Usage (kWh/mth)	Monthly load factor	Maximum Demand (kW)	Average customer price (in equivalent LKR/kWh)																	
					Bangladesh	Bhutan	Hong Kong	Assam, India	Kerala, India	Madhya Pradesh, India	Maharashtra, India	Tamil Nadu, India	Malaysia	Nepal	Oman	Pakistan	Philippines	Singapore	South Korea	Sri Lanka	Thailand	Vietnam
Household	Small	30	25%	0.2	13.35	4.98	28.68	31.64	10.96	14.16	40.00	0.00	14.89	10.13	11.78	4.74	52.49	67.88	34.16	18.00	26.66	22.81
	Medium	90	25%	0.5	15.69	4.98	28.68	25.58	17.38	25.27	29.97	0.00	14.89	18.50	11.78	9.29	49.74	67.88	29.31	44.33	30.28	23.15
	Large	180	25%	1.0	17.87	7.37	31.15	25.76	21.39	21.90	40.26	3.89	14.89	21.07	11.78	10.52	49.06	67.88	24.25	58.83	32.45	25.05
	Very Large	600	25%	3.3	24.68	9.46	39.01	29.82	37.83	26.54	55.55	17.83	26.39	15.78	11.78	34.10	48.58	67.88	38.08	80.93	36.74	33.86
Commercial	Small	200	30%	0.9	36.06	9.29	46.05	33.82	29.19	31.66	32.85	41.45	29.71	30.88	20.47	45.52	67.52	67.88	32.40	52.30	32.69	37.36
	Medium	18,000	46%	54.3	31.63	8.23	51.87	33.27	34.63	29.11	49.80	42.13	31.18	28.58	20.47	45.00	43.43	63.74	27.40	64.30	43.94	38.96
	Large	200,000	67%	415.3	31.10	7.60	53.27	32.50	37.12	28.24	59.45	40.07	29.22	27.19	20.47	44.44	40.58	60.20	25.15	61.10	36.08	38.96
Industrial	Small	500	35%	2.0	29.49	8.87	46.05	28.43	25.75	31.00	30.31	33.64	28.45	24.41	10.09	41.19	62.35	67.88	24.64	25.44	36.30	24.32
	Medium	30,000	40%	105.2	28.61	8.55	52.42	28.15	31.42	34.02	34.98	35.84	30.10	22.52	18.51	40.69	43.16	65.38	27.36	44.03	39.83	25.86
	Large	500,000	63%	1,094.4	28.00	7.68	53.36	28.99	29.08	35.45	34.98	32.96	27.91	21.12	20.09	39.71	38.94	60.58	22.33	40.22	34.79	25.86
	Very Large	1,100,000	78%	1,967.0	27.91	7.41	53.39	28.55	27.96	33.39	34.98	32.09	25.49	20.76	20.14	39.50	37.93	58.10	27.78	39.54	34.57	25.86

See notes in page 3.

Lowest for the customer category

Highest for the customer category

Customer	Class	Electricity Usage (kWh/mth)	Monthly load factor	Maximum Demand (kW)	Average customer price (in equivalent USCTs/kWh)																	
					Bangladesh	Bhutan	Hong Kong	Assam, India	Kerala, India	Madhya Pradesh, India	Maharashtra, India	Tamil Nadu, India	Malaysia	Nepal	Oman	Pakistan	Philippines	Singapore	South Korea	Sri Lanka	Thailand	Vietnam
Household	Small	30	25%	0.2	4.12	1.54	8.86	9.77	3.38	4.37	12.35	0.00	4.597	3.13	3.64	1.46	16.21	20.96	10.55	5.56	8.23	7.04
	Medium	90	25%	0.5	4.84	1.54	8.86	7.90	5.37	7.80	9.25	0.00	4.597	5.71	3.64	2.87	15.36	20.96	9.05	13.69	9.35	7.15
	Large	180	25%	1.0	5.52	2.28	9.62	7.95	6.60	6.76	12.43	1.20	4.597	6.50	3.64	3.25	15.15	20.96	7.49	18.17	10.02	7.74
	Very Large	600	25%	3.3	7.62	2.92	12.05	9.21	11.68	8.20	17.15	5.50	8.147	4.87	3.64	10.53	15.00	20.96	11.76	24.99	11.34	10.46
Commercial	Small	200	30%	0.9	11.14	2.87	14.22	10.44	9.01	9.78	10.14	12.80	9.173	9.54	6.32	14.06	20.85	20.96	10.00	16.15	10.09	11.54
	Medium	18,000	46%	54.4	9.77	2.54	16.02	10.27	10.69	8.99	15.38	13.01	9.626	8.83	6.32	13.90	13.41	19.68	8.46	19.85	13.57	12.03
	Large	200,000	67%	415.3	9.60	2.35	16.45	10.04	11.46	8.72	18.36	12.37	9.024	8.40	6.32	13.72	12.53	18.59	7.77	18.87	11.14	12.03
Industrial	Small	500	35%	2.0	9.11	2.74	14.22	8.78	7.95	9.57	9.36	10.39	8.785	7.54	3.12	12.72	19.25	20.96	7.61	7.86	11.21	7.51
	Medium	30,000	40%	105.2	8.83	2.64	16.18	8.69	9.70	10.50	10.80	11.07	9.295	6.95	5.71	12.56	13.33	20.19	8.45	13.60	12.30	7.98
	Large	500,000	63%	1,094.4	8.65	2.37	16.48	8.95	8.98	10.94	10.80	10.18	8.616	6.52	6.20	12.26	12.02	18.71	6.90	12.42	10.74	7.98
	Very Large	1,100,000	78%	1,967.0	8.62	2.29	16.49	8.82	8.63	10.31	10.80	9.91	7.872	6.41	6.22	12.20	11.71	17.94	8.58	12.21	10.67	7.98

See notes in page 3

Lowest for the customer category

Highest for the customer category

Notes:

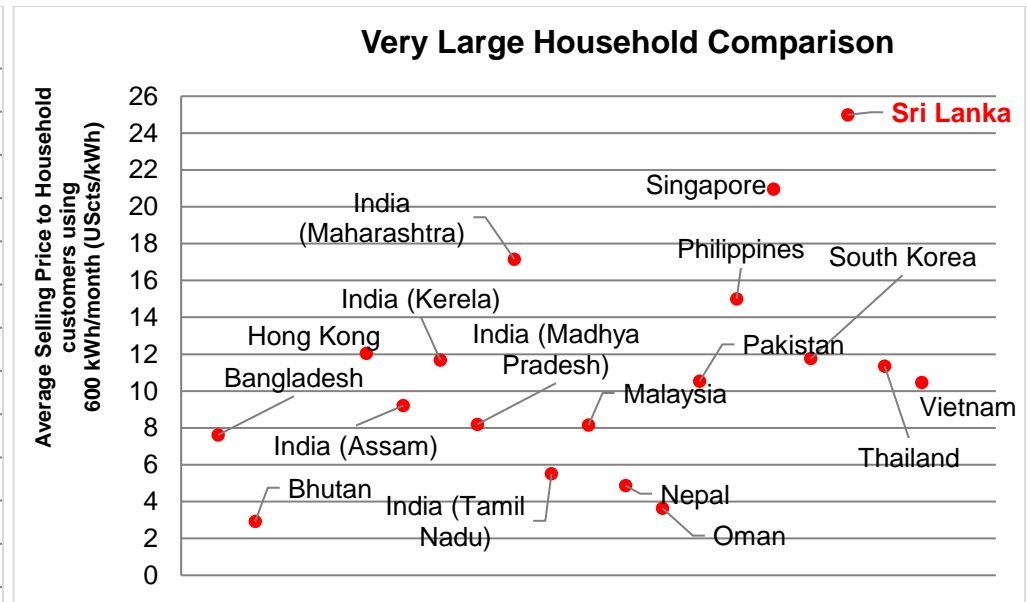
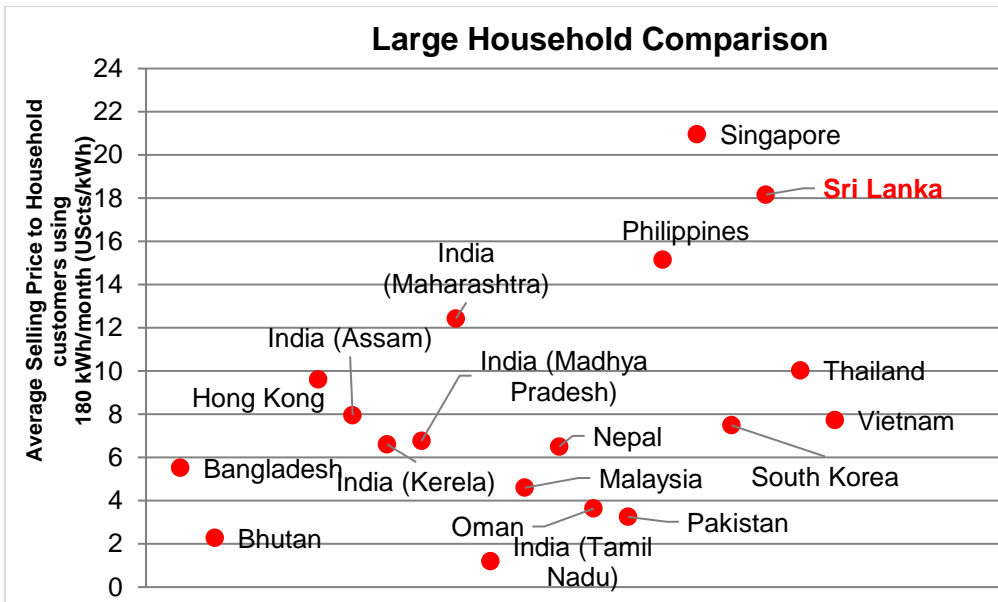
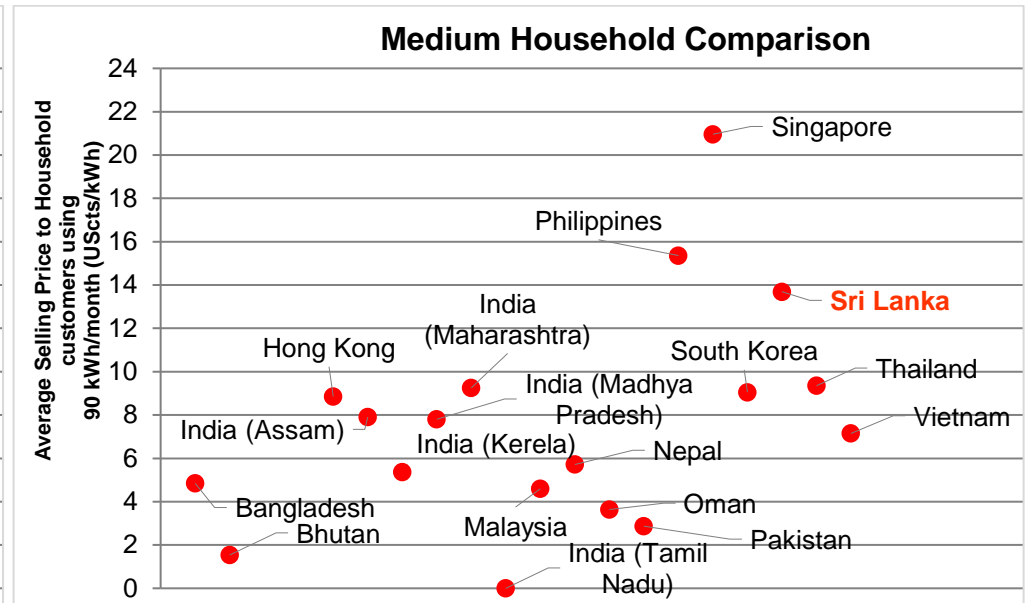
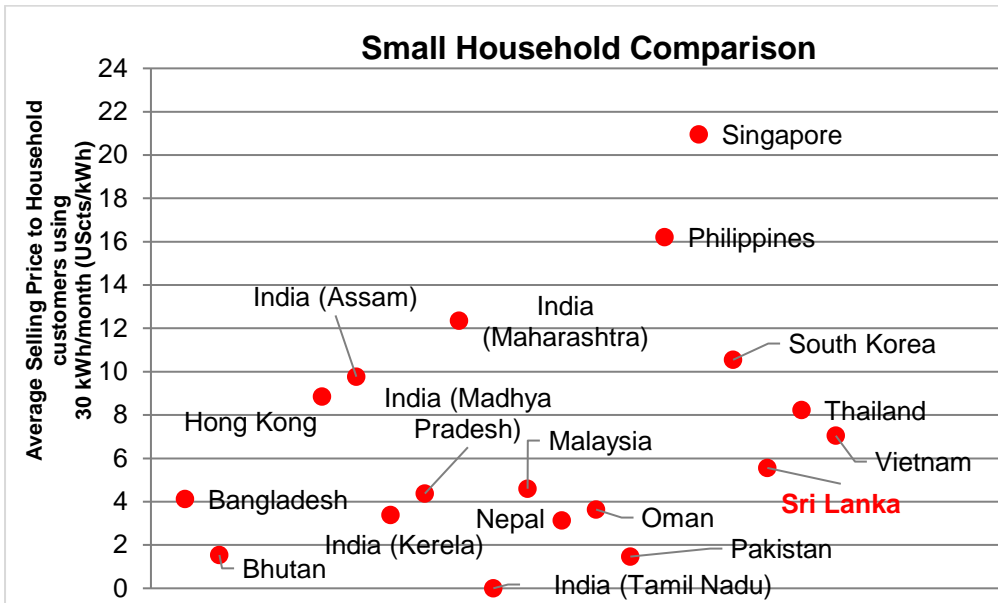
1. Electricity use and maximum demand have been defined for typical customers. Thus, the average prices calculated, reflect the selling price to each typical customer located in different countries. Fixed charges and demand charges, if any, were added to the charges based on consumption, and then divided by the consumption, to calculate the average tariff.
2. The analysis is based on published tariffs. Whether the tariffs are cost-reflective or not and whether the utilities are profitable or loss making, have not been considered.
3. Sales taxes such as 'VAT' are not included. Fuel surcharges, if any, are included. For States in India, 'Electricity Duty' is included. Subsidized rates are included for Tamil Nadu.
4. Calculations are based on published tariffs. Special concessions given to identified customers or within special economic zones are not included.
5. For countries offering time-of-use tariffs (TOU), demand profiles of customers in the respective categories of the Northern province of Sri Lanka, collected for a different study, were used for the calculation energy charges.
6. Unity power factor was assumed, where relevant, thereby neglecting reactive power charges and power factor penalties, if any,
7. Countries with the lowest and highest average unit prices for each customer category are shown shaded in green and orange, respectively.
8. Prices were updated as of 24 October 2023.
9. Exchange rates updated as of 17 October 2023.

Prepared by: Mr. Birannaa Jeyakumar

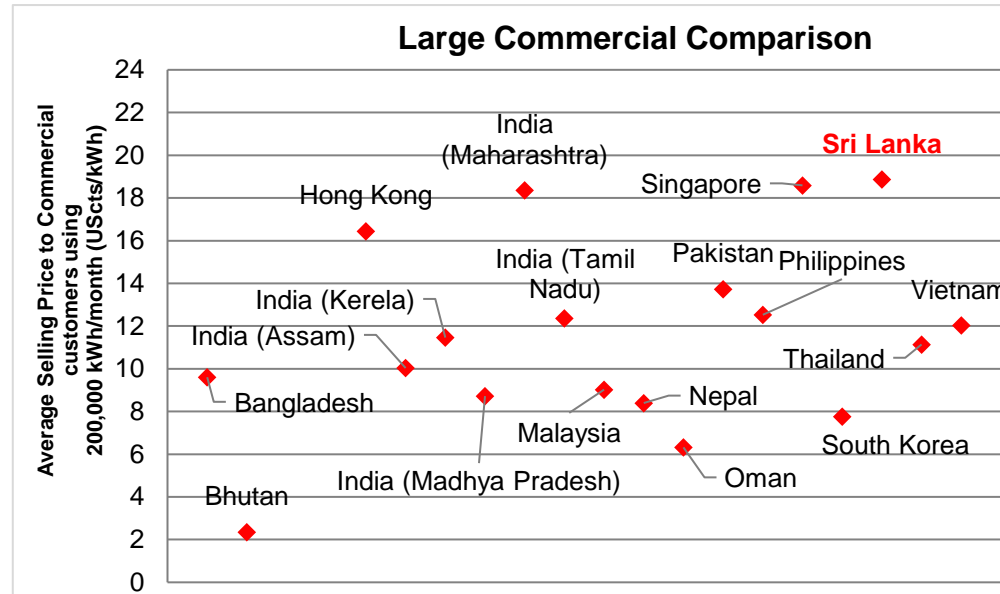
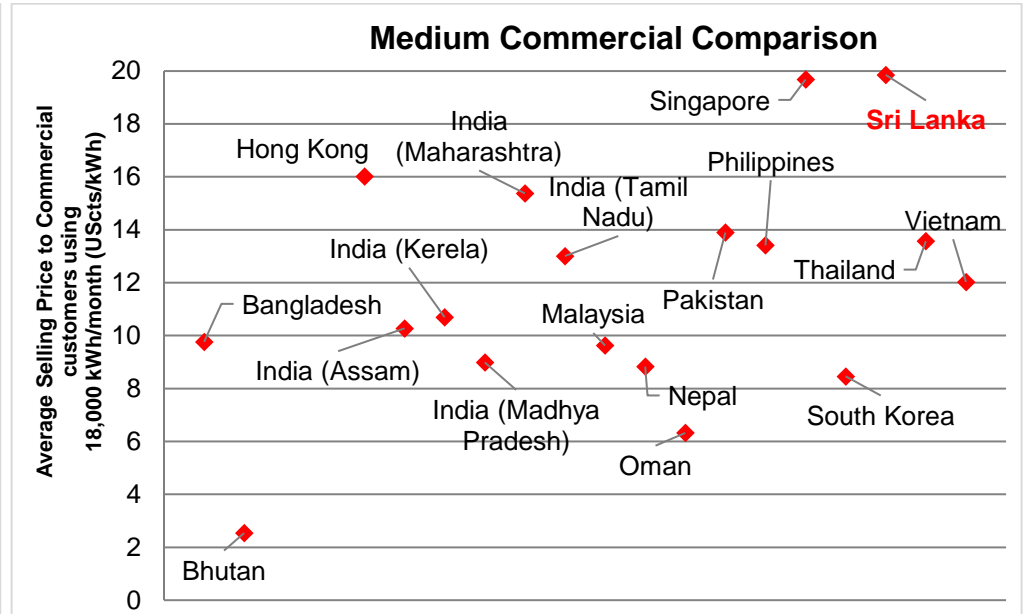
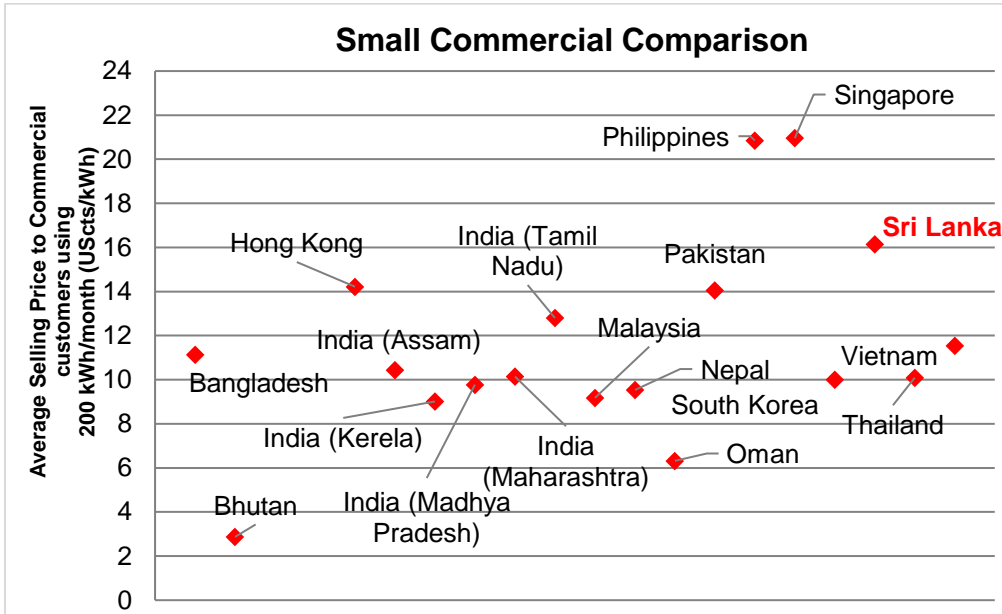
Date: **24 October 2023**

Reviewed by: Dr. Tilak Siyambalapitiya

Household comparison

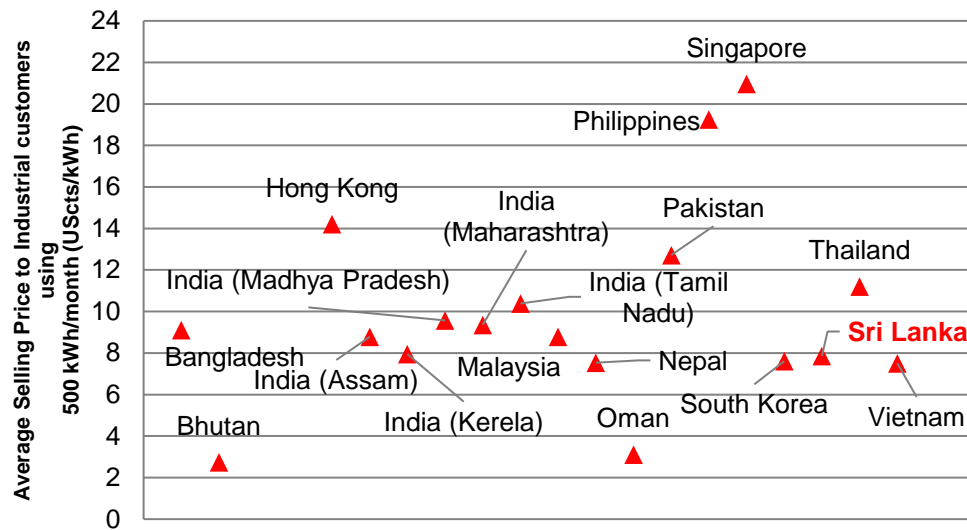


Commercial Comparison

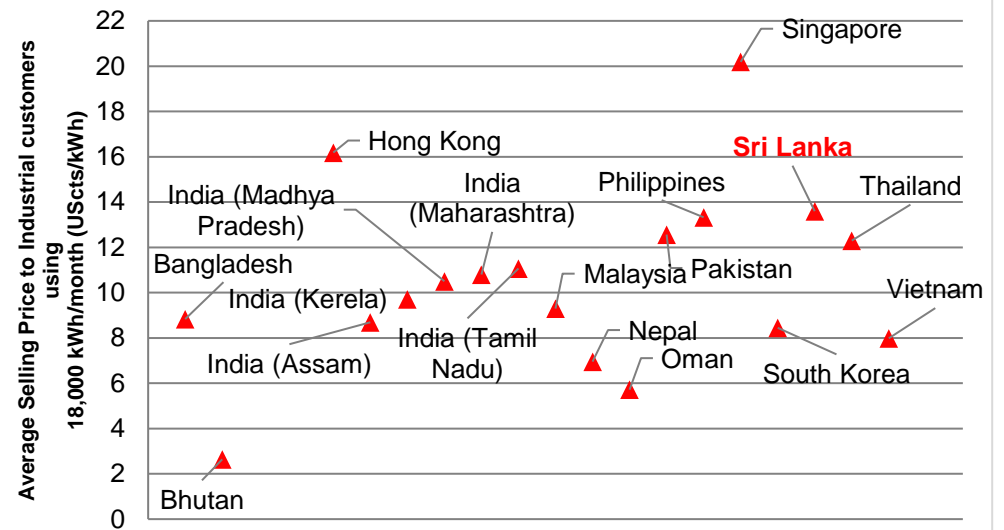


Industrial Comparison

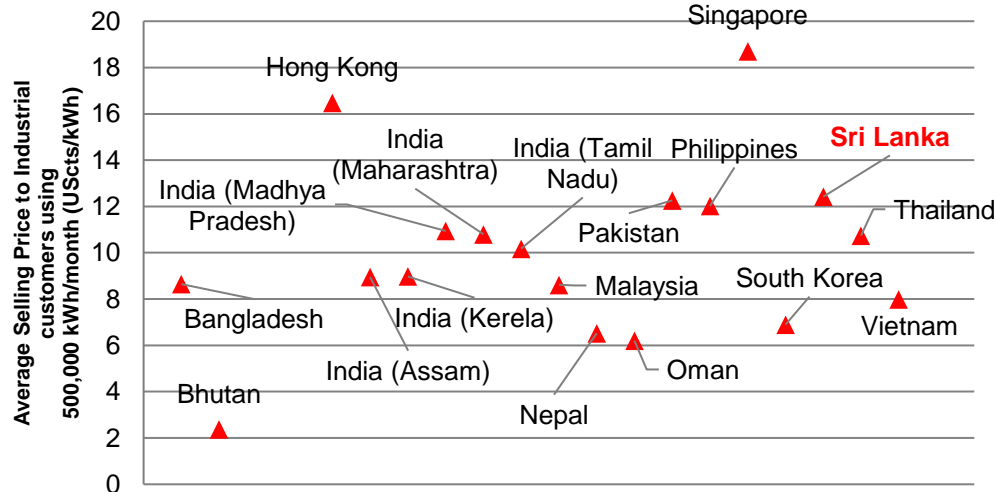
Small Industrial Comparison



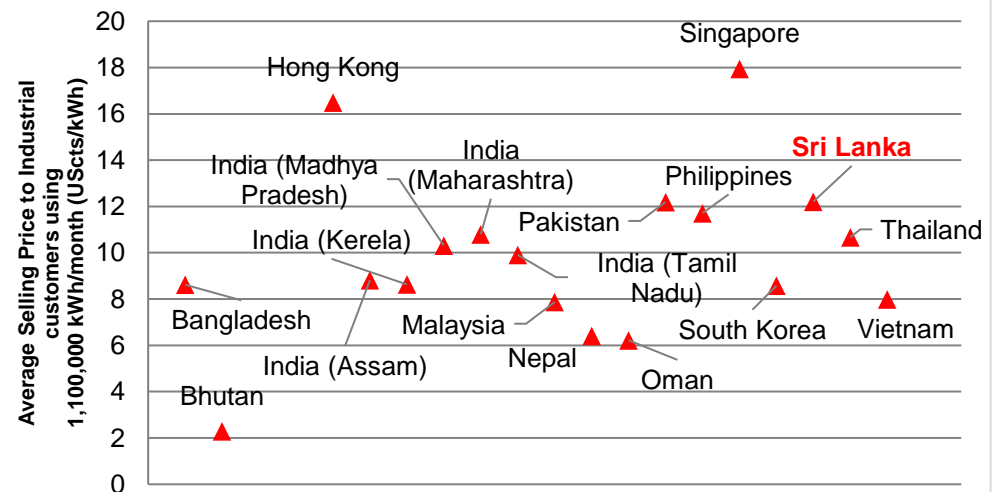
Medium Industrial Comparison



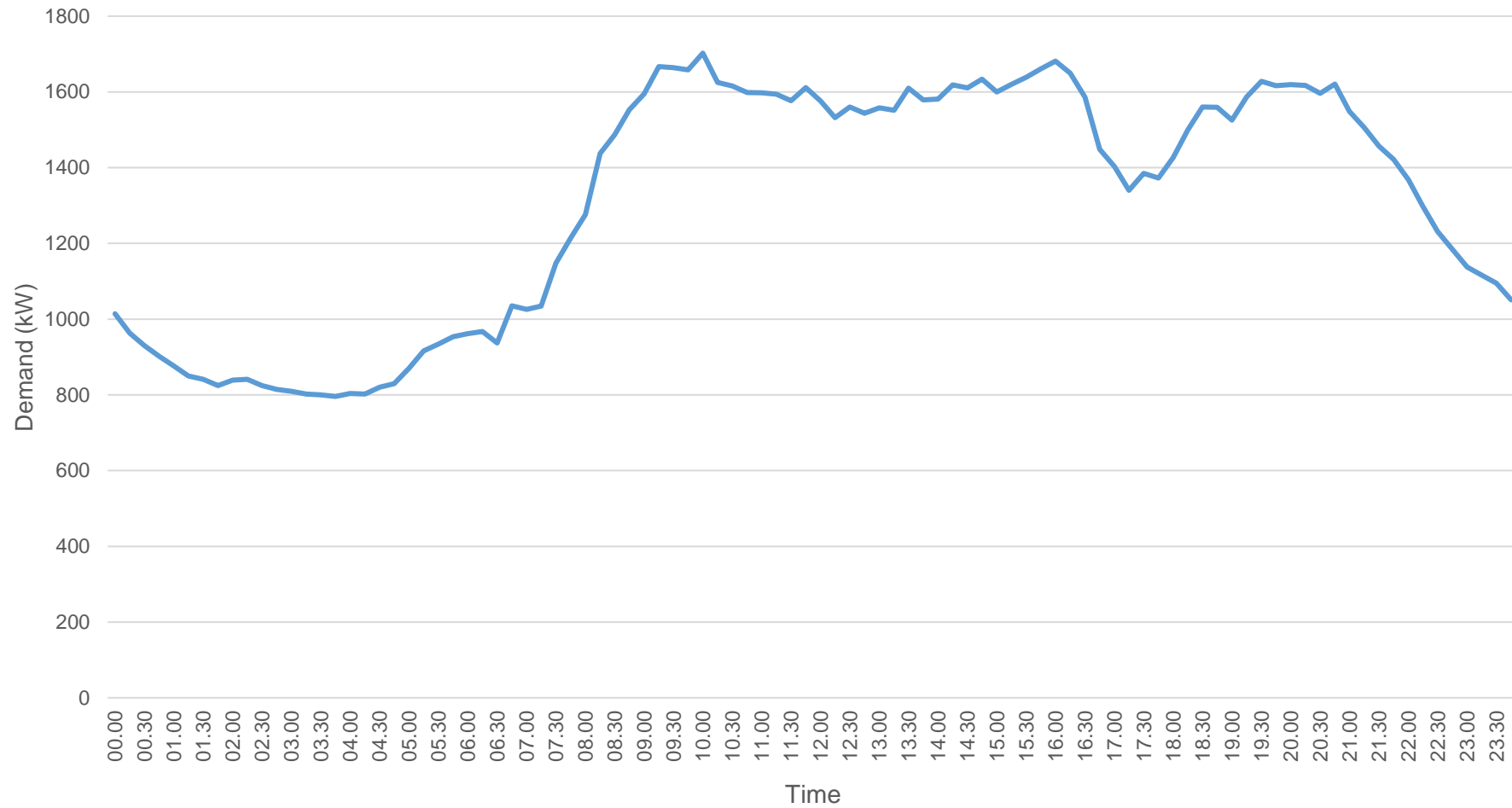
Large Industrial Comparison



Very Large Industrial Comparison



Sample daily load profile for commercial bulk customers (Northern province)



Sample daily load profile for Industrial bulk customers (Northern province)

