

Ergon Energy 2020-25 Tariff Structure Statement

Intermediate Tariff Indicative Rates
Feb 2019



Intermediate Tiered Tariff



Indicative Rates – East Residential

Indicative East Tiered Residential 2020-21 price estimates nominal

Tier	Energy for customers with basic meters	Demand for customers with digital meters	Fixed Charge	Volume Charge
	(kWh p/a) ¹	(kW) ²⁻³	(\$/day)	(\$/kWh)
1	N/A	0 – 1.5	0.4010	0.0510
2	0 – 1,500	1.5 - 3.0	0.6965	0.0510
3	1,500 – 3,000	3.0 - 4.2	0.8700	0.0510
4	3,000 – 5,000	4.2 - 5.3	1.2115	0.0510
5	5,000 – 7,500	5.3 - 6.6	1.5070	0.0510
6	7,500 – 12,000	6.6 - 8.6	1.8044	0.0510
7	12,000 – 15,000	8.6 - 10.8	2.1362	0.0510
8	15,000 +	10.8 +	1.5000	0.0736

Note 1: The energy and demand thresholds for the tiers are illustrative only.

Note 2: For digital meter customers it is contemplated that the demand tier would be based on the average demand of the three highest days in each month.

Indicative Rates – East Small Business

Indicative East Tiered Small Business 2020-21 price estimates nominal

Tier	Energy for customers with basic meters	Demand for customers with digital meters	Fixed Charge	Volume Charge
	(kWh p/a) ¹	(kW) ^{2,3}	(\$/day)	(\$/kWh)
1	N/A	0 – 1.5	0.1969	0.0608
2	0 – 1,500	1.5 - 3.0	0.8707	0.0608
3	1,500 – 3,000	3.0 - 4.2	1.0553	0.0608
4	3,000 – 5,000	4.2 - 5.3	1.4526	0.0608
5	5,000 – 7,500	5.3 - 6.6	1.8295	0.0608
6	7,500 – 12,000	6.6 - 8.6	2.2504	0.0608
7	12,000 – 15,000	8.6 - 10.8	3.0006	0.0608
8	15,000 +	10.8 +	0.5000	0.0972

Note 1: The energy and demand thresholds for the tiers are illustrative only.

Note 2: For digital meter customers it is contemplated that the demand tier would be based on the average demand of the three highest days in each month.

Indicative Rates – East Residential

Tiered Residential

Indicative East Tiered Residential 2020-25 price estimates nominal

Charging Parameter	Units	2020-21	2021-22	2022-23	2023-24	2024-25
Tier 1 Fixed Charge	\$/Day	0.4010	0.4110	0.4213	0.4318	0.4426
Tier 2 Fixed Charge	\$/Day	0.6965	0.7139	0.7318	0.7501	0.7688
Tier 3 Fixed Charge	\$/Day	0.8700	0.8918	0.9141	0.9369	0.9603
Tier 4 Fixed Charge	\$/Day	1.2115	1.2418	1.2729	1.3047	1.3373
Tier 5 Fixed Charge	\$/Day	1.5070	1.5447	1.5833	1.6229	1.6634
Tier 6 Fixed Charge	\$/Day	1.8044	1.8495	1.8957	1.9431	1.9917
Tier 7 Fixed Charge	\$/Day	2.1362	2.1896	2.2444	2.3005	2.3580
Tier 8 Fixed Charge	\$/Day	1.5000	1.5375	1.5759	1.6153	1.6557
Tier 1-7 Volume Charge	\$/kWh	0.0510	0.0523	0.0536	0.0549	0.0563
Tier 8 Volume Charge	\$/kWh	0.0736	0.0755	0.0774	0.0793	0.0813

Indicative Rates – East Small Business

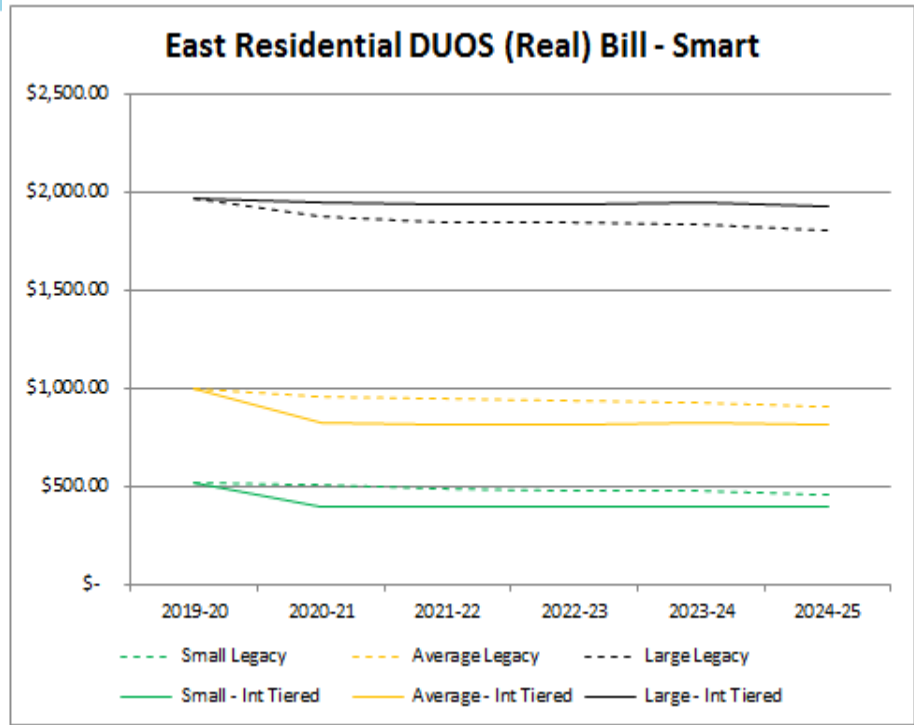
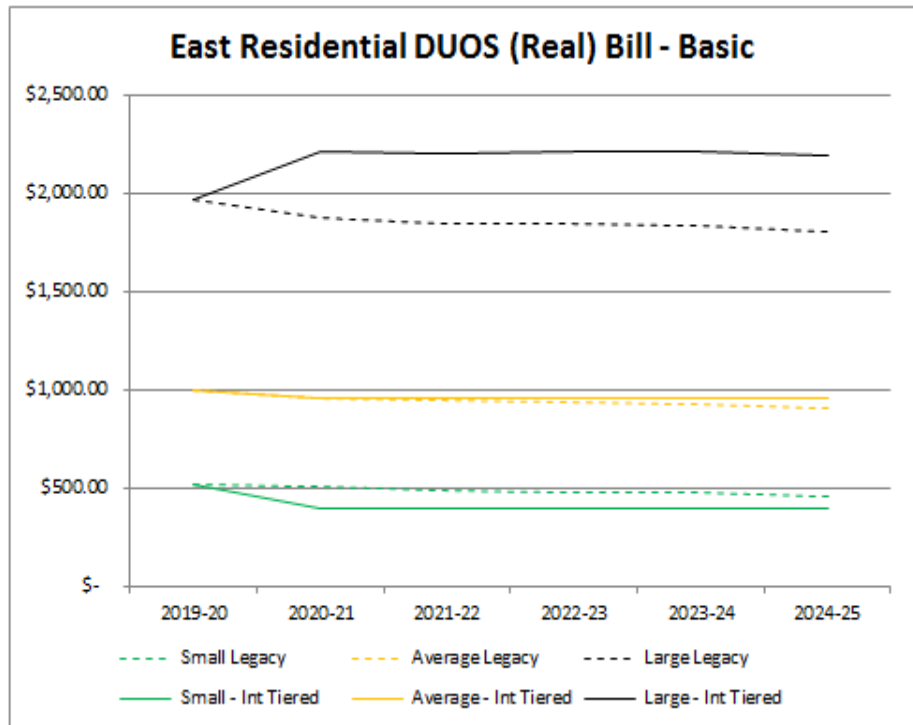


Tiered Small Business

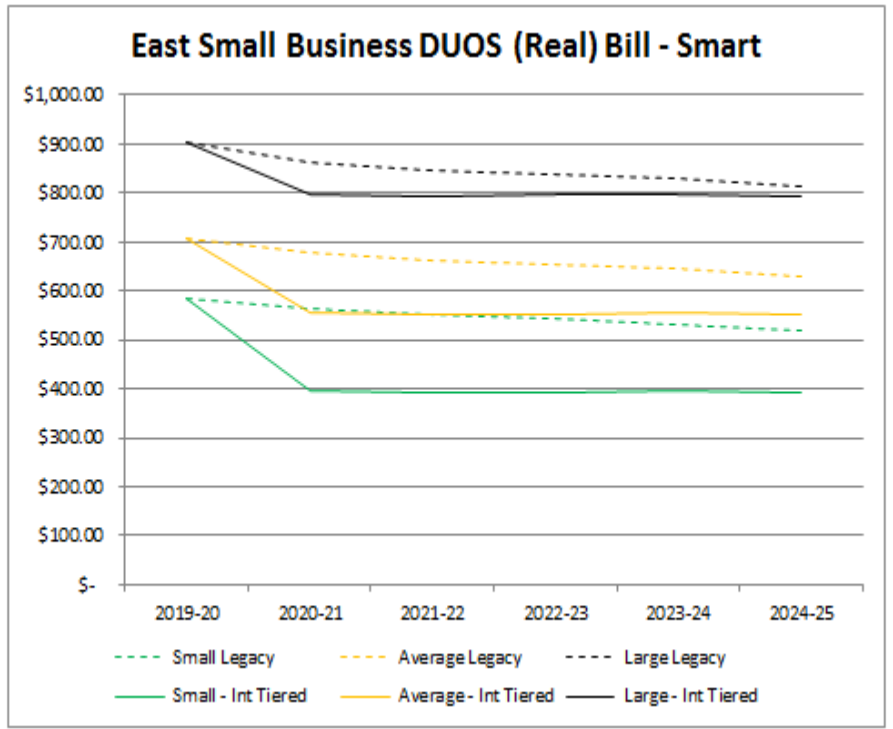
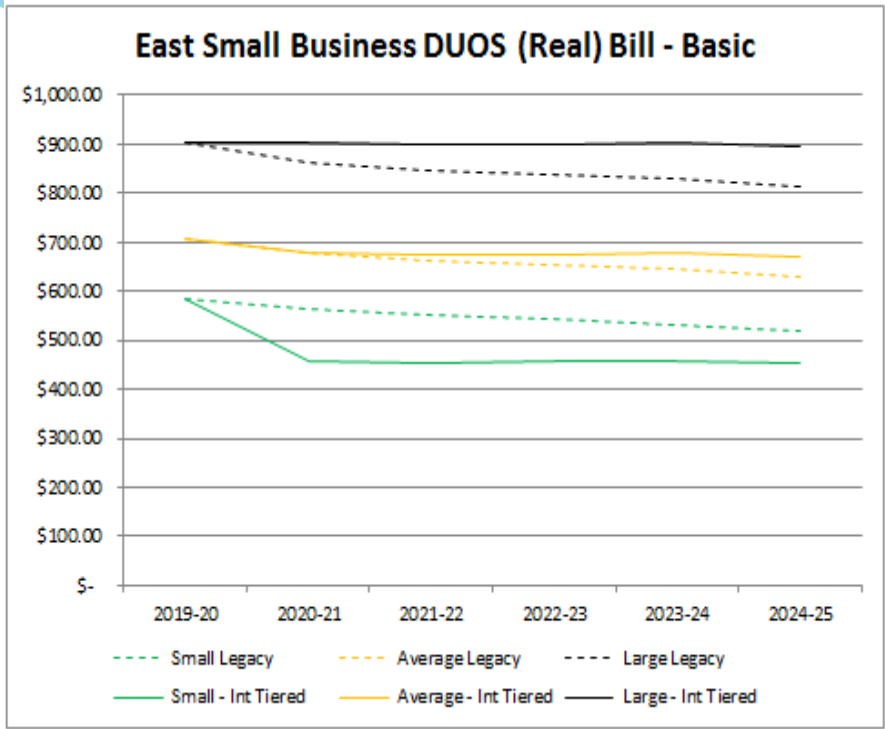
Indicative East Tiered Small Business 2020-25 price estimates nominal

Charging Parameter	Units	2020-21	2021-22	2022-23	2023-24	2024-25
Tier 1 Fixed Charge	\$/Day	0.1969	0.2018	0.2068	0.2120	0.2173
Tier 2 Fixed Charge	\$/Day	0.8707	0.8925	0.9148	0.9377	0.9611
Tier 3 Fixed Charge	\$/Day	1.0553	1.0816	1.1087	1.1364	1.1648
Tier 4 Fixed Charge	\$/Day	1.4526	1.4889	1.5261	1.5642	1.6033
Tier 5 Fixed Charge	\$/Day	1.8295	1.8753	1.9221	1.9702	2.0194
Tier 6 Fixed Charge	\$/Day	2.2504	2.3066	2.3643	2.4234	2.4840
Tier 7 Fixed Charge	\$/Day	3.0006	3.0756	3.1525	3.2313	3.3121
Tier 8 Fixed Charge	\$/Day	0.5000	0.5125	0.5253	0.5384	0.5519
Tier 1-7 Volume Charge	\$/kWh	0.0608	0.0623	0.0639	0.0655	0.0671
Tier 8 Volume Charge	\$/kWh	0.0972	0.0996	0.1021	0.1046	0.1072

Representative Customer Impact

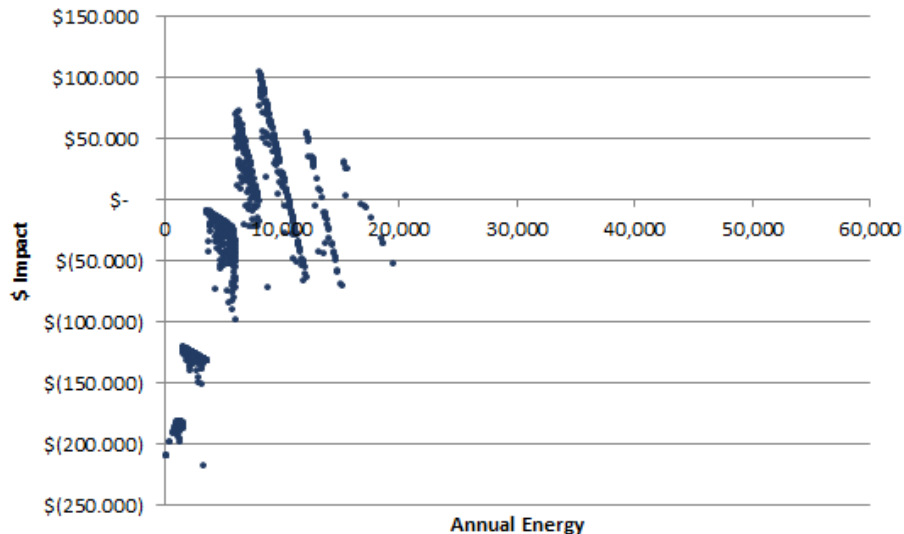


Representative Customer Impact

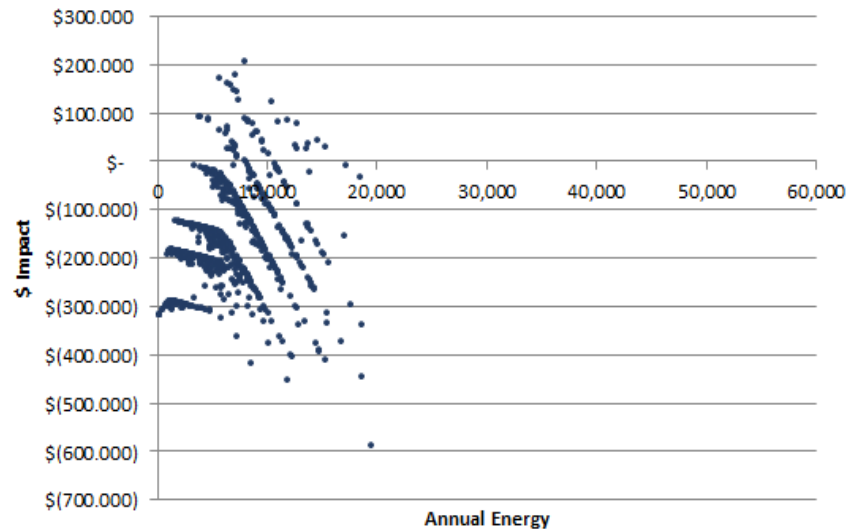


Customer Sample

**\$ Impact - DUOS (Real) - East Residential
2019-20 Legacy to 2020-21 Intermediate Tier - Basic**

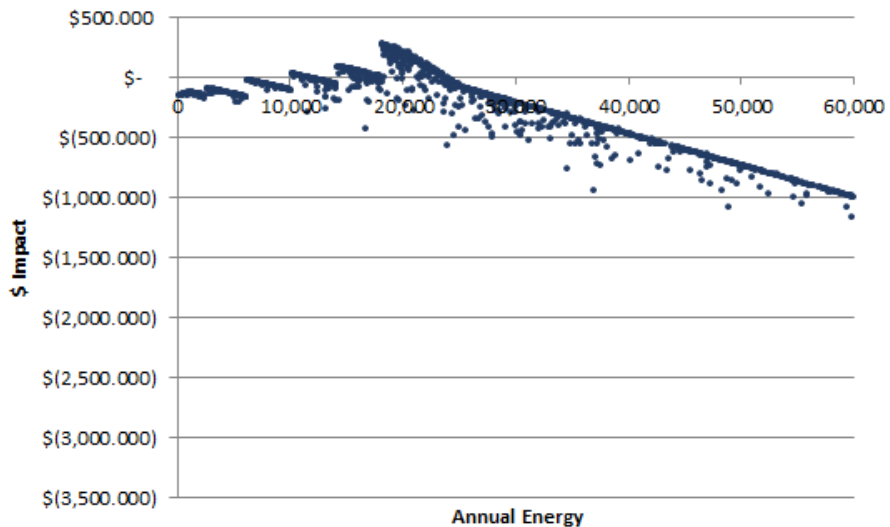


**\$ Impact - DUOS (Real) - East Residential
2019-20 Legacy to 2020-21 Intermediate Tier - Smart**

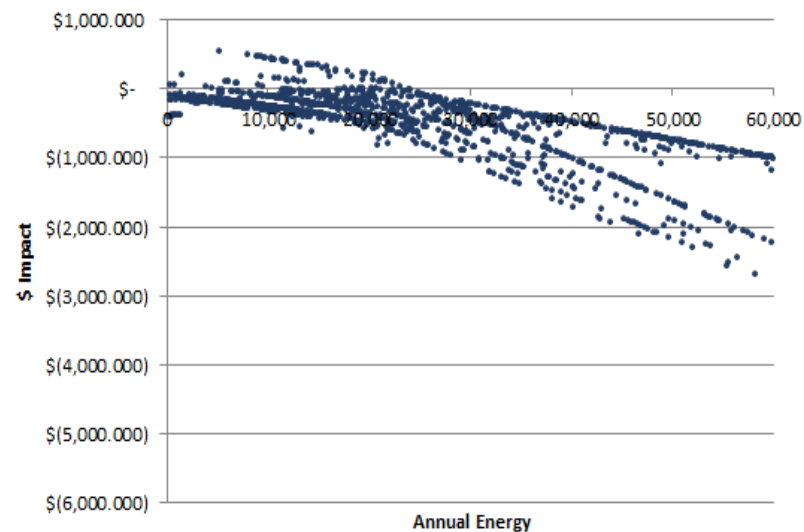


Customer Sample

**\$ Impact - DUOS (Real) - East Small Business
2019-20 Legacy to 2020-21 Intermediate Tier - Basic**



**\$ Impact - DUOS (Real) - East Small Business
2019-20 Legacy to 2020-21 Intermediate Tier - Smart**



Intermediate Capacity Tariff



Indicative East Capacity Residential 2020-21 price estimates nominal

Charging parameters		Basic Meter		Digital Meter	
Fixed (\$/day)	Capacity Anytime (\$/day + \$/kWh) ¹	Volume (\$/kWh)	Fixed (\$/day)	Capacity Anytime (\$/kW/Month)	Volume (\$/kWh) ²
0.8023	0.23933 Fixed 0.01776 Volume	0.046 Day 0.046 Night	1.1543	3.871279	0.01753 Day 0.01753 Night

Note 1: The inferred capacity charge for basic meter customers would form part of either the fixed charge or the volume charge. Further analysis and modelling is being undertaken to determine which charging parameter would best reflect the inferred capacity

Note 2: The tariff structure will accommodate two volumetric charges to allow for separate daytime and night time charges. This is in recognition of the different network utilisation and costs associated with accessing network services at these times. During the 2020-25 regulatory control period, these rates are intended to initially be set to be the same as we perform further analysis to better understand the differences in costs associated with the different network utilisation characteristics during the daytime and night time.

Indicative East Capacity Small Business 2020-21 price estimates nominal

Charging parameters		Basic Meter		Digital Meter	
Fixed (\$/day)	Capacity Anytime (\$/day + \$/kWh) ¹	Volume (\$/kWh)	Fixed (\$/day)	Capacity Anytime (\$/kW/Month)	Volume (\$/kWh) ²
1.1214	0.27118 Fixed 0.01164 Volume	0.05208 Day 0.05208 Night	1.2364	3.0133	0.05208 Day 0.05208 Night

Note 1: The inferred capacity charge for basic meter customers would form part of either the fixed charge or the volume charge. Further analysis and modelling is being undertaken to determine which charging parameter would best reflect the inferred capacity

Note 2: The tariff structure will accommodate two volumetric charges to allow for separate daytime and night time charges. This is in recognition of the different network utilisation and costs associated with accessing network services at these times. During the 2020-25 regulatory control period, these rates are intended to initially be set to be the same as we perform further analysis to better understand the differences in costs associated with the different network utilisation characteristics during the daytime and night time.

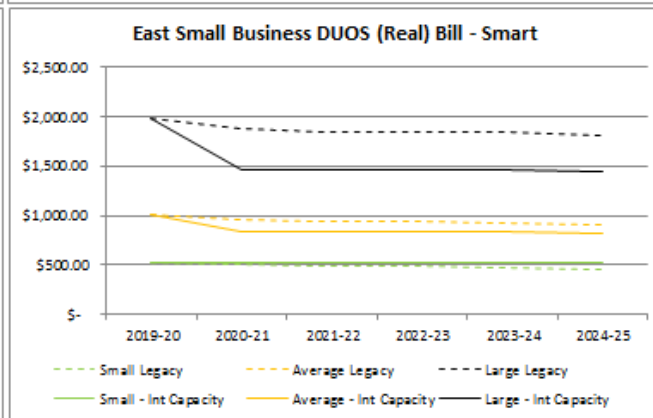
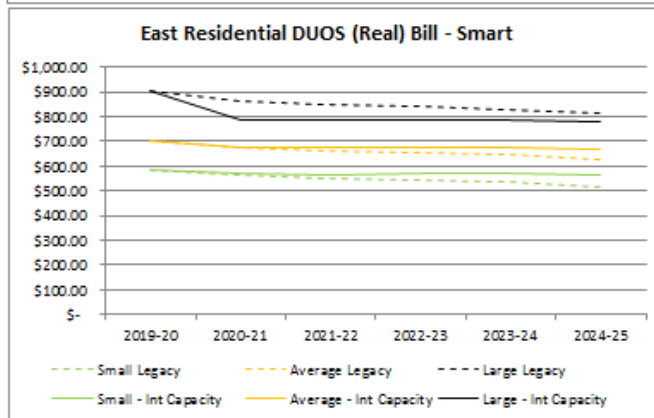
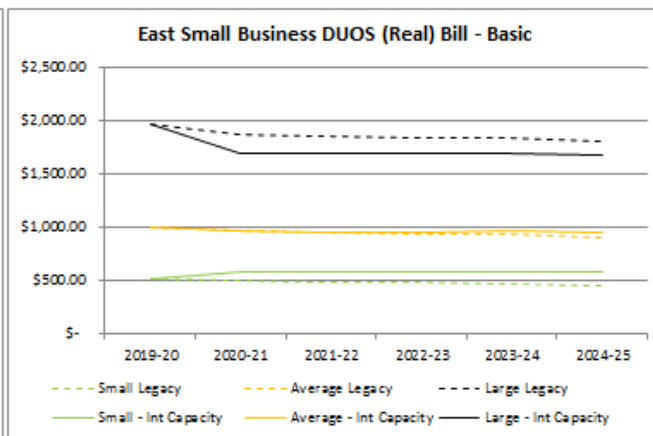
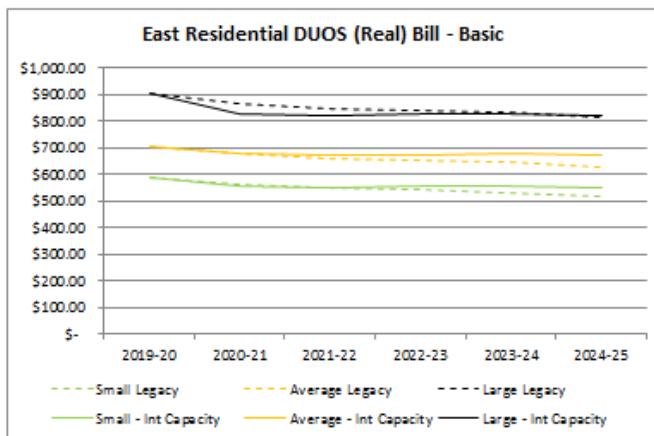
Indicative Rates



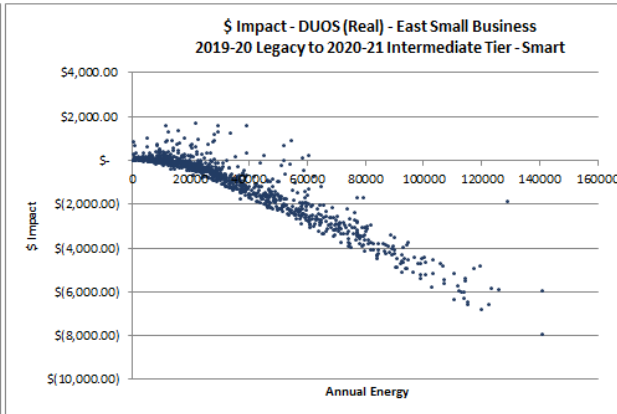
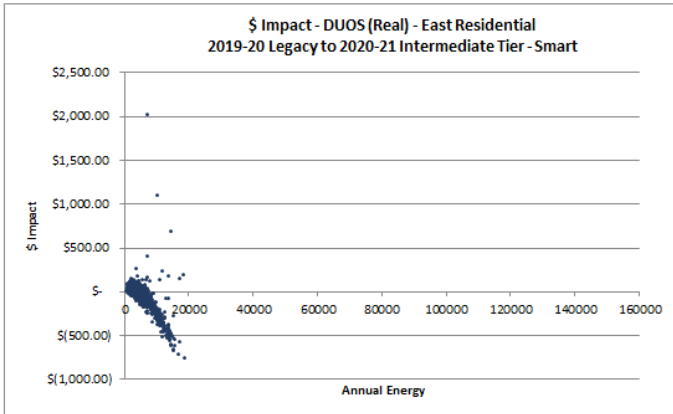
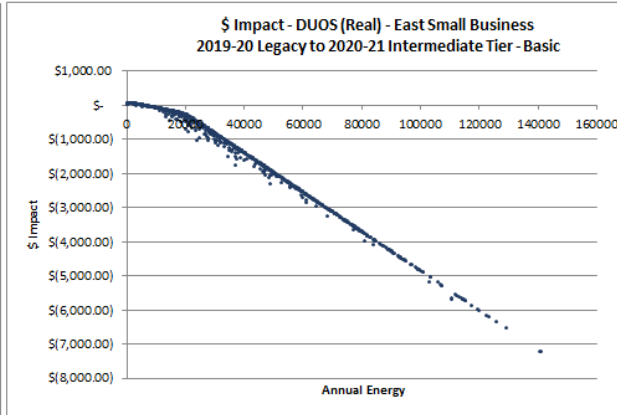
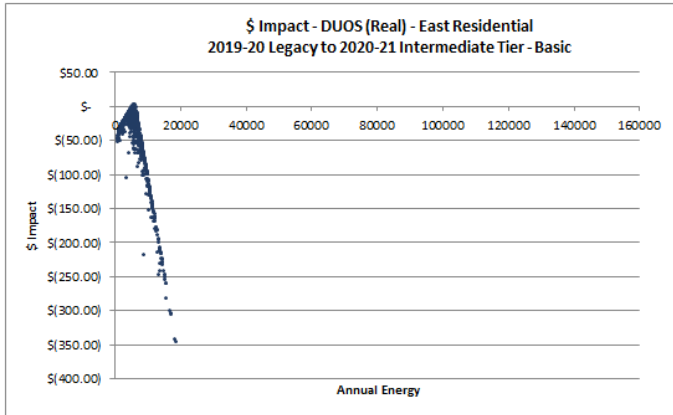
East Capacity Indicative Rates 2020-25 Nominal

Tariff name	Tariff rate	2020-21	2021-22	2022-23	2023-24	2024-25
Capacity Residential Basic	Fixed Charge	0.8022979	0.8223554	0.8429143	0.8639871	0.8855868
	Capacity Charge	0.2393251	0.2453082	0.2514409	0.2577269	0.2641701
	Capacity Volume Charge	0.0177566	0.0182005	0.0186555	0.0191219	0.0196
	Volume Charge Day	0.046	0.04715	0.0483288	0.049537	0.0507754
	Volume Charge Night	0.046	0.04715	0.0483288	0.049537	0.0507754
Capacity Small Business Basic	Fixed Charge	1.1213967	1.1494316	1.1781674	1.2076216	1.2378122
	Capacity Charge	0.2711782	0.2779576	0.2849066	0.2920292	0.29933
	Capacity Volume Charge	0.0116387	0.0119297	0.0122279	0.0125336	0.012847
	Volume Charge Day	0.0520791	0.0533811	0.0547156	0.0560835	0.0574856
	Volume Charge Night	0.0520791	0.0533811	0.0547156	0.0560835	0.0574856
Capacity Residential Smart	Fixed Charge	1.15427	1.1831267	1.2127049	1.2430225	1.2740981
	Capacity Charge	3.8712792	3.9680611	4.0672627	4.1689442	4.2731678
	Volume Charge Day	0.0175346	0.017973	0.0184223	0.0188829	0.019355
	Volume Charge Night	0.0175346	0.017973	0.0184223	0.0188829	0.019355
Capacity Small Business Smart	Fixed Charge	1.2363548	1.2672637	1.2989453	1.3314189	1.3647044
	Capacity Charge	3.01332	3.088653	3.1658693	3.2450161	3.3261415
	Volume Charge Day	0.0520791	0.0533811	0.0547156	0.0560835	0.0574856
	Volume Charge Night	0.0520791	0.0533811	0.0547156	0.0560835	0.0574856

Representative Customer Impact



Customer Impact – Customer Sample



Dynamic Response Tariff



Indicative East Small Business Demand Response 2020-25 price estimates nominal

		2020-21	2021-22	2022-23	2023-24	2024-25
DR 1 Fixed Charge	\$/month			\$ 23.11	\$ 23.69	\$ 24.28
DR 1 Volume Charge	\$/kWh		Not Offered	\$ 0.0630	\$ 0.0646	\$ 0.0662
DR 2 Fixed Charge	\$/month			\$ 23.11	\$ 23.69	\$ 24.28
DR 2 Volume Charge	\$/kWh			\$ 0.0567	\$ 0.0582	\$ 0.0596