

# **Attachment 1 – 2019-24 TSS**

## **Indicative NUOS pricing schedule**

**April 2018**

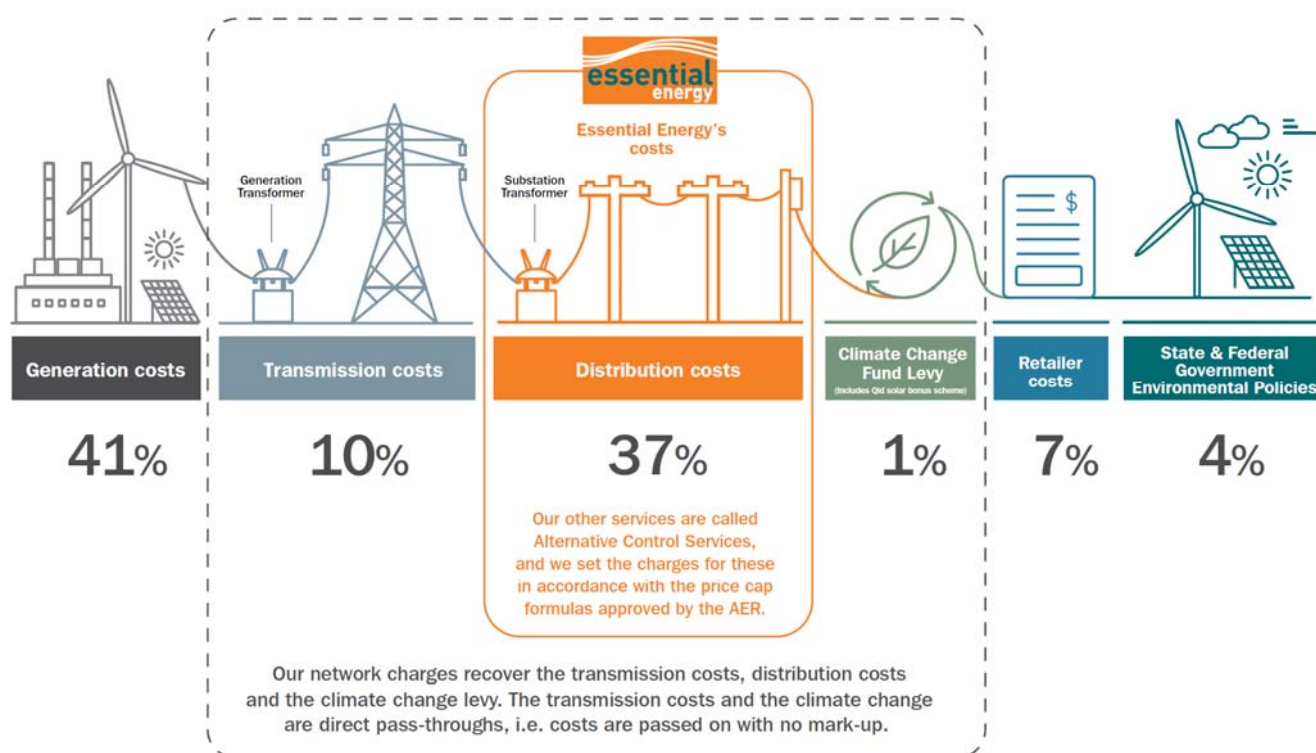
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## Network Charges

Our charges include Essential Energy's distribution costs as well as recovery of two additional components:

- > Distribution costs, which are Essential Energy's cost to operate and maintain the distribution network and are the subject of this draft regulatory proposal.
- > Transmission costs, which are the responsibility of TransGrid and Powerlink to operate the transmission networks and are directly passed through to customers by Essential Energy and no additional mark-ups are applied.
- > Climate change fund levy and contributions to the Queensland Solar Bonus Scheme that are passed through to customers by Essential Energy and no additional mark-ups are applied.



## Indicative Network Charge Levels

The indicative network charges presented in this Attachment are consistent with Essential Energy's Draft 2019-24 Tariff Structure Statement (TSS) and are modelled on the basis of Essential Energy's Draft 2019-24 Regulatory Proposal.

## Factors that may cause network charges to vary from these indicative levels

There are a number of factors that are outside of Essential Energy's control that may affect the implementation of the network charges over the period covered by the TSS.

The actual charges that customers will pay in the next regulatory period will depend on:

- > The AER's final distribution determination for Essential Energy for the 2019-24 regulatory period
- > Any updates to energy consumption forecasts
- > The transmission costs passed through to Essential Energy
- > The jurisdictional schemes costs (such as the NSW Climate Change Fund and the QLD Solar Bonus Scheme) that are passed through to Essential Energy
- > Cost of debt placeholder rates (based on current market information) which are updated annually
- > The outcome of a number of incentive schemes (e.g. STPIS for reliability) that apply to Essential Energy
- > Any approved cost pass through applications
- > Application of CPI annually, the indicative prices listed below are in \$2018-19.

Prices are all exclusive of GST.

Please refer to Section 6 of Essential Energy's Draft 2019-24 TSS for the definitions of the charging parameters used in Essential Energy's network charges.

## 2017/18 – Current Network Use of System (NUOS) charges

The table below shows the current 2017/18 rates for Network Use of System (NUOS) charges. Obsolete tariffs have not been included.

Tariff Code	Description	Status	NAC	Energy c/kWh				Demand \$/kVA/mth		
			\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Default	284.30	10.0292				-	-	-
BLNT3AU	LV Residential TOU	Optional	284.30	-	12.7213	11.5384	4.2079	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Optional	284.30	-	13.2119	11.0945	4.2079	-	-	-
BLND1AR	Residential-Opt in Demand	Optional	284.30	-	3.7095	3.1610	1.9472	3.8284		-
BLNC1AU	LV Controlled Load 1	Optional	31.79	2.0509	-	-	-	-	-	-
BLNC2AU	LV Controlled Load 2	Optional	31.79	4.4623	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Default	284.30	13.8510	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Optional	2,250.00	-	13.5409	12.3165	6.1697	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Optional	500.00	-	14.0533	11.8528	5.9652	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,305.52	-	13.5409	12.3165	6.1697	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional	500.00	-	4.0927	3.5443	2.3304	6.2211		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,221.85	-	3.7065	3.4187	2.2104	9.7278	8.8013	2.1175
BLNS1AO	LV TOU avg daily Demand	Optional	5,221.85	-	3.3792	3.1226	2.0928	10.3817	9.3930	2.4006
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,221.85	-	11.8248	10.7638	4.4494	11.5549		-
BLNDTRS	Transitional Demand	Specific	2,888.79	-	11.5740	10.5369	5.3778	1.9456	1.7603	0.4235
BHND3AO	HV TOU mthly Demand	Default	6,516.70	-	2.8482	2.6414	2.1443	8.4806	7.6730	2.2961
BHNS1AO	HV TOU avg daily Demand	Optional	6,334.03	-	2.8328	2.6275	2.1372	8.9803	8.1250	2.4313
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	6,455.20	-	3.6329	2.1876	1.8173	3.2658	2.3282	0.9281
BLNP1AO	LV Public Lighting NUOS	Default	247.08	15.2627	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	15.5152	14.1021	6.4471	-	-	-

## Indicative 2018/19 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2018/19. Obsolete tariffs have not been included.

Tariff Code	Description	Status	NAC	Energy c/kWh				Demand \$/kVA/mth		
			\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	290.23	10.2825				-	-	-
BLNT3AU	LV Residential TOU	Default #	290.23	-	13.1290	11.8499	4.3514	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	290.23	-	13.6298	11.3968	4.3514	-	-	-
BLND1AR	Residential-Opt in Demand	Optional	290.23	-	3.9293	3.2979	2.0436	3.9082		-
BLNC1AU	LV Controlled Load 1	Optional	32.45	2.1495	-	-	-	-	-	-
BLNC2AU	LV Controlled Load 2	Optional	32.45	4.6175	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	290.23	14.2127	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,296.91	-	13.9944	12.6729	6.3828	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	510.43	-	14.5175	12.1996	6.1741	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,296.91	-	13.9944	12.6729	6.3828	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional	510.43	-	5.1325	4.2074	2.5833	6.3508		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,374.35	-	3.9485	3.5907	2.3418	9.8688	8.9289	2.1482
BLNS1AO	LV TOU avg daily Demand	Optional	5,374.35	-	3.6117	3.2860	2.2207	10.5982	9.5888	2.4507
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,374.35	-	12.3039	11.1503	4.6461	11.6551		-
BLNDTRS	Transitional Demand	Specific	3,527.89	-	9.9761	9.0400	4.7664	3.9475	3.5716	0.8593
BHND3AO	HV TOU mthly Demand	Default	6,652.58	-	3.0267	2.7712	2.2597	8.6575	7.8330	2.3440
BHNS1AO	HV TOU avg daily Demand	Optional	6,466.11	-	3.0110	2.7569	2.2524	9.1675	8.2944	2.4820
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	6,603.66	-	3.7740	2.2770	1.8934	3.3409	2.3817	0.9494
BLNP1AO	LV Public Lighting NUOS	Default	257.49	15.3789	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	0.00	-	15.7440	14.2541	6.6550	-	-	-

# Customers will have the choice to opt out to an alternative tariff if they satisfy the necessary eligibility requirements

## Indicative 2019/20 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2019/20. Obsolete tariffs have not been included.

\$2018/19			NAC	Energy c/kWh				Demand \$/kVA/mth		
Tariff Code	Description	Status	\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	296.25	10.3184				-	-	-
BLNT3AU	LV Residential TOU	Default #	296.25	-	13.2779	11.9187	4.3788	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	296.25	-	13.7804	11.4640	4.3788	-	-	-
BLND1AR	Residential-Opt in Demand	Optional **	296.25	-	4.0464	3.3371	2.0630	3.9217		-
BLNC1AU	LV Off Peak Saver 1	Optional	32.57	2.1692	-	-	-	-	-	-
BLNC2AU	LV Off Peak Saver 2	Optional	32.57	4.6523	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	296.25	14.2748	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,304.85	-	14.4460	12.6342	6.4600	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	517.21	-	14.6837	12.2822	6.2203	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,304.85	-	14.4460	12.6342	6.4600	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional **	517.21	-	5.5808	4.4589	2.6171	6.3948		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,431.80	-	4.0854	3.6307	2.3754	9.9214	8.9765	2.1711
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,431.80	-	12.6990	11.1183	4.7044	11.7797		-
BLNDTRS	Transitional Demand	Specific	3,868.32	-	9.2657	8.1325	4.4177	4.9607	4.4883	1.0856
BHND3AO	HV TOU mthly Demand	Default	6,723.69	-	3.1315	2.8061	2.2972	8.7500	7.9167	2.3690
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	6,674.25	-	3.8472	2.3161	1.9277	3.3766	2.4072	0.9596
BLNP1AO	LV Public Lighting NUOS	Default	296.25	15.4163	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	16.1316	14.0979	6.6966	-	-	-

# Customers will have the choice to opt out to an alternative tariff if they satisfy the necessary eligibility requirements

\* These tariffs will be default for all customers connecting new technologies such as solar, battery storage or electric vehicles.

## Indicative 2020/21 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2020/21. Obsolete tariffs have not been included.

\$2018/19			NAC	Energy c/kWh				Demand \$/kVA/mth		
Tariff Code	Description	Status	\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	305.17	10.4135				-	-	-
BLNT3AU	LV Residential TOU	Default #	305.17	-	13.6995	11.8658	4.4214	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	305.17	-	14.2187	11.4144	4.4214	-	-	-
BLND1AR	Residential-Opt in Demand	Optional **	305.17	-	4.1607	3.3464	2.0754	3.9727		-
BLNC1AU	LV Off Peak Saver 1	Optional	32.99	2.1831	-	-	-	-	-	-
BLNC2AU	LV Off Peak Saver 2	Optional	32.99	4.6945	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	305.17	14.4185	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,334.86	-	14.8948	12.5821	6.5269	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	529.01	-	15.1405	12.2326	6.2841	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,334.86	-	14.8948	12.5821	6.5269	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional **	529.01	-	5.9050	4.5683	2.6667	6.5201		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,547.68	-	4.1973	3.6459	2.3910	10.0267	9.0718	2.2175
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,547.68	-	13.1706	11.1403	4.7696	12.0310		-
BLNDTRS	Transitional Demand	Specific	4,476.74	-	7.7631	6.6247	3.7696	6.6845	6.0479	1.4783
BHND3AO	HV TOU mthly Demand	Default	6,867.14	-	3.2139	2.8187	2.3140	8.9367	8.0856	2.4196
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	6,816.64	-	3.8703	2.3254	1.9376	3.4487	2.4586	0.9801
BLNP1AO	LV Public Lighting NUOS	Default	305.17	15.4805	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	16.5419	13.9557	6.7333	-	-	-

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\* These tariffs will be default for all customers connecting new technologies such as solar, battery storage or electric vehicles.



## Indicative 2021/22 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2021/22. Obsolete tariffs have not been included.

\$2018/19			NAC	Energy c/kWh				Demand \$/kVA/mth		
Tariff Code	Description	Status	\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	314.22	10.5208				-	-	-
BLNT3AU	LV Residential TOU	Default #	314.22	-	14.1217	11.8025	4.4571	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	314.22	-	14.6583	11.3543	4.4571	-	-	-
BLND1AR	Residential-Opt in Demand	Optional **	314.22	-	4.2653	3.3445	2.0805	4.0246		-
BLNC1AU	LV Off Peak Saver 1	Optional	33.42	2.1896	-	-	-	-	-	-
BLNC2AU	LV Off Peak Saver 2	Optional	33.42	4.7282	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	314.22	14.5743	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,365.32	-	15.3442	12.5187	6.5862	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	540.97	-	15.5981	12.1717	6.3403	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,365.32	-	15.3442	12.5187	6.5862	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional **	540.97	-	6.3064	4.7660	2.7324	6.6480		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,646.94	-	4.2971	3.6480	2.3977	10.2061	9.1526	2.2571
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,646.94	-	13.6136	11.1240	4.8190	12.2462		-
BLNDTRS	Transitional Demand	Specific	5,100.00	-	6.1383	5.1265	3.0958	8.5051	7.6271	1.8809
BHND3AO	HV TOU mthly Demand	Default	6,990.01	-	3.2868	2.8210	2.3223	9.0966	8.2303	2.4629
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	6,938.61	-	3.8755	2.3286	1.9404	3.5104	2.5025	0.9976
BLNP1AO	LV Public Lighting NUOS	Default	314.22	15.6167	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	17.0122	13.8547	6.7836	-	-	-

# Customers will have the choice to opt out to an alternative tariff if they satisfy the necessary eligibility requirements

\* These tariffs will be default for all customers connecting new technologies such as solar, battery storage or electric vehicles.

## Indicative 2022/23 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2022/23. Obsolete tariffs have not been included.

\$2018/19			NAC	Energy c/kWh				Demand \$/kVA/mth		
Tariff Code	Description	Status	\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	322.36	10.5977				-	-	-
BLNT3AU	LV Residential TOU	Default #	322.36	-	14.4379	11.7047	4.4802	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	322.36	-	14.9906	11.2612	4.4802	-	-	-
BLND1AR	Residential-Opt in Demand	Optional **	322.36	-	4.2853	3.3342	2.0802	4.0642		-
BLNC1AU	LV Off Peak Saver 1	Optional	33.75	2.1903	-	-	-	-	-	-
BLNC2AU	LV Off Peak Saver 2	Optional	33.75	4.7488	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	322.36	14.6829	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,388.63	-	15.6801	12.4141	6.6221	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	551.35	-	15.9416	12.0707	6.3737	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,388.63	-	15.6801	12.4141	6.6221	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional **	551.35	-	6.6678	4.9802	2.7970	6.7136		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,730.13	-	4.3161	3.6360	2.3937	10.3565	9.2197	2.2904
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,730.13	-	13.9590	11.0703	4.8506	12.4266		-
BLNDTRS	Transitional Demand	Specific	5,730.13	-	4.3161	3.6360	2.3937	10.3565	9.2197	2.2904
BHND3AO	HV TOU mthly Demand	Default	7,092.98	-	3.3010	2.8112	2.3199	9.2306	8.3515	2.4992
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	7,040.82	-	3.8703	2.3250	1.9374	3.5621	2.5394	1.0123
BLNP1AO	LV Public Lighting NUOS	Default	322.36	15.6764	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	17.3365	13.6883	6.8007	-	-	-

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## Indicative 2023/24 – Draft Network Use of System (NUOS) charges

The table below show the draft indicative rates for Network Use of System (NUOS) charges for 2023/24. Obsolete tariffs have not been included.

\$2018/19			NAC	Energy c/kWh				Demand \$/kVA/mth		
Tariff Code	Description	Status	\$/year	Anytime	Peak	Shoulder	Off Peak	Peak	Shoulder	Off Peak
BLNN2AU	LV Residential Anytime	Optional	330.72	10.6787				-	-	-
BLNT3AU	LV Residential TOU	Default #	330.72	-	14.7684	11.6114	4.5048	-	-	-
BLNT3AL	LV Residential TOU_Interval meter	Default #	330.72	-	15.3379	11.1723	4.5048	-	-	-
BLND1AR	Residential-Opt in Demand	Optional **	330.72	-	4.3066	3.3243	2.0802	4.1059		-
BLNC1AU	LV Off Peak Saver 1	Optional	34.10	2.1914	-	-	-	-	-	-
BLNC2AU	LV Off Peak Saver 2	Optional	34.10	4.7708	-	-	-	-	-	-
BLNN1AU	LV Small Business Anytime	Optional	330.72	14.7972	-	-	-	-	-	-
BLNT2AU	LV TOU < 100MWh Cent Urban	Default #	2,413.11	-	16.0311	12.3140	6.6601	-	-	-
BLNT2AL	LV Business TOU_Interval meter	Default #	562.06	-	16.3005	11.9741	6.4092	-	-	-
BLNT1AO	LV TOU > 100 MWh/yr	Default	2,413.11	-	16.0311	12.3140	6.6601	-	-	-
BLND1AB	Small Business-Opt in Demand	Optional **	562.06	-	7.0849	5.2277	2.8723	6.7824		-
BLND3AO	LV TOU Demand 3 Rate	Default	5,813.40	-	4.3360	3.6238	2.3897	10.5070	9.3537	2.3237
BLND3TO	LV TOU Demand-alternate tariff	Optional	5,813.40	-	14.3146	11.0153	4.8823	12.6072		-
BLNDTRS	Transitional Demand	Specific	5,813.40	-	4.3360	3.6238	2.3897	10.5070	9.3537	2.3237
BHND3AO	HV TOU mthly Demand	Default	7,196.05	-	3.3158	2.8014	2.3176	9.5520	8.3034	2.5355
BSSD3AO	SUB TRANS 3 RATE DEMAND	Default	7,143.14	-	3.8651	2.3214	1.9344	3.6138	2.5763	1.0270
BLNP1AO	LV Public Lighting NUOS	Default	330.72	15.7602	-	-	-	-	-	-
BLNP3AO	LV Public Lighting TOU NUOS	Default	-	-	17.6948	13.5432	6.8262	-	-	-

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