



# Board of Commissioners Meeting



## Electric Rate Study Update

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# Presentation Overview

- **Recap**
- **Proposed rates**
- **Next steps**
- **Questions / discussion**



# Recap

- **Presented findings to Board and public over 8 meetings through April 2021**
  - » Revenue requirement scenarios
  - » Cost-of-service & phase-in alternatives
  - » Rate design
- **Staff met with the Board on May 4<sup>th</sup> to discuss electric rates**
  - » Board directed staff to smooth out increases in 2022
- **Today's focus**
  - » Updated revenue requirement, cost-of-service, and rate design



# Cost-of-Service Summary

- **Cost-of-service identified inequities between classes of service**
- **Phase-in strategy was developed to gradually move classes towards cost-of-service**

Customer Class	COSA	Previous Phase-In			
		2021	2022	2023	2024
Residential	8.71%	3.16%	7.23%	3.66%	3.65%
Residential - Discount	85.54%	3.16%	7.23%	3.66%	3.65%
General Service	-6.49%	2.75%	6.75%	3.25%	3.25%
Small Demand General Service	-18.92%	2.75%	6.75%	3.25%	3.25%
Large Demand General Service	-22.30%	2.75%	6.75%	3.25%	3.25%
Primary General Service	-27.99%	2.75%	6.75%	3.25%	3.25%
Irrigation/Drainage	328.82%	5.00%	9.00%	5.50%	5.50%
Interruptible Primary Schools	1.13%	0.00%	0.00%	0.00%	0.00%
Lighting	-29.30%	2.75%	6.75%	3.25%	3.25%
<b>Total</b>	<b>3.00%</b>	<b>3.00%</b>	<b>7.00%</b>	<b>3.50%</b>	<b>3.50%</b>

» Updated phase-in keeps the same approach as presented previously

Customer Class	COSA	Updated Phase-In			
		2021	2022	2023	2024
Residential	9.83%	4.18%	4.43%	4.42%	4.41%
Residential - Discount	87.31%	4.18%	4.43%	4.42%	4.41%
General Service	-5.66%	3.75%	4.00%	4.00%	4.00%
Small Demand General Service	-18.32%	3.75%	4.00%	4.00%	4.00%
Large Demand General Service	-21.78%	3.75%	4.00%	4.00%	4.00%
Primary General Service	-27.45%	3.75%	4.00%	4.00%	4.00%
Irrigation/Drainage	334.81%	6.00%	6.25%	6.25%	6.25%
Interruptible Primary Schools	2.04%	0.00%	0.00%	0.00%	0.00%
Lighting	-28.66%	3.75%	4.00%	4.00%	4.00%
<b>Total</b>	<b>4.00%</b>	<b>4.00%</b>	<b>4.25%</b>	<b>4.25%</b>	<b>4.25%</b>



# Rate Summary – Basic Charges

Basic Charge - \$ / Mo.	Existing	Proposed			
		2021	2022	2023	2024
<b>Residential</b>					
Single Phase	\$ 18.50	\$ 21.00	\$ 23.50	\$ 26.00	\$ 28.50
Three Phase	27.00	30.65	34.30	37.95	41.59
Discount	(21.00)	(23.84)	(26.68)	(29.51)	(32.35)
<b>General Service</b>					
Single Phase	\$ 18.50	\$ 21.50	\$ 24.50	\$ 27.50	\$ 30.50
Three Phase	34.00	39.51	45.03	50.54	56.05
<b>Demand General Service &amp; Irrigation</b>					
Small Demand General Service	\$ 60.00	\$ 62.25	\$ 64.74	\$ 67.33	\$ 70.02
Large Demand General Service	110.00	114.13	118.69	123.44	128.38
Primary General Service	300.00	311.25	323.70	336.65	350.11
Irrigation	30.00	35.00	40.00	45.00	50.00
Interruptible Primary Schools	300.00	311.25	323.70	336.65	350.11
<b>Lighting - \$ / Bulb</b>					
<100W	\$ 15.00	\$ 15.56	\$ 16.19	\$ 16.83	\$ 17.51
100W - 200W	17.25	17.90	18.61	19.36	20.13
>200W	19.50	20.23	21.04	21.88	22.76
<b>Discounted Lighting - \$ / Bulb</b>					
<100W	\$ 15.00	\$ 9.96	\$ 10.36	\$ 10.78	\$ 11.21
100W - 200W	17.25	12.30	12.79	13.30	13.83
>200W	19.50	14.63	15.22	15.83	16.46



# Rate Summary – Energy Charges

Energy Charge - \$ / kWh	Existing	Proposed			
		2021	2022	2023	2024
<b>Residential</b>					
Tier 1	\$ 0.0882	\$ 0.0882	\$ 0.0908	\$ 0.0936	\$ 0.0966
Tier 2	0.1070	0.1070	0.1102	0.1136	0.1172
Tier 3	n/a	0.1218	0.1254	0.1293	0.1334
<b>All Other Classes</b>					
General Service	\$ 0.1007	\$ 0.1029	\$ 0.1055	\$ 0.1082	\$ 0.1112
Small Demand General Service	0.0852	0.0884	0.0919	0.0956	0.0994
Large Demand General Service	0.0757	0.0785	0.0817	0.0849	0.0883
Primary General Service	0.0747	0.0775	0.0806	0.0838	0.0872
Irrigation	0.0687	0.0695	0.0710	0.0729	0.0752
Interruptible Primary Schools	0.0681	0.0680	0.0679	0.0677	0.0676
Lighting	n/a	n/a	n/a	n/a	n/a



# Rate Summary – Demand & Reactive Power Charges

Demand Charge - \$ / kW	Existing	Proposed				
		2021	2022	2023	2024	
Residential	n/a	n/a	n/a	n/a	n/a	
General Service	n/a	n/a	n/a	n/a	n/a	
Small Demand General Service	\$ 5.50	\$ 5.71	\$ 5.93	\$ 6.17	\$ 6.42	
Large Demand General Service	9.00	9.34	9.71	10.10	10.50	
Primary General Service	8.50	8.82	9.17	9.54	9.92	
Irrigation	n/a	n/a	n/a	n/a	n/a	
Interruptible Primary Schools	5.50	5.50	5.50	5.50	5.50	
Lighting	n/a	n/a	n/a	n/a	n/a	

Reactive Power Charge - \$ / kVARh	Existing	Proposed				
		2021	2022	2023	2024	
Residential	n/a	n/a	n/a	n/a	n/a	
General Service	n/a	n/a	n/a	n/a	n/a	
Small Demand General Service	\$ 0.00283	\$ 0.00294	\$ 0.00305	\$ 0.00318	\$ 0.00330	
Large Demand General Service	0.00281	0.00292	0.00303	0.00315	0.00328	
Primary General Service	0.00106	0.00110	0.00114	0.00119	0.00124	
Irrigation	n/a	n/a	n/a	n/a	n/a	
Interruptible Primary Schools	0.00300	0.00300	0.00300	0.00300	0.00300	
Lighting	n/a	n/a	n/a	n/a	n/a	

*Note: kVARh charge will switch to a power factor charge once new meters have been installed*



# Next Steps

- **Rates effective July 2021**
  - » Future electric rates increases effective in April



**Thank you!**  
**Questions?**

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