



December 10, 2022

Mr. Dean Molina  
Chairman  
Public Utilities Commission  
4 Princess Margaret Drive  
Marina Towers  
Belize City, Belize

Dear Chairman Molina,

**Re: BEL's Submission for the ARP 2022 Amendment**

In accordance with Section 33(2) of the Electricity (Tariffs, Fees and Charges Standards) Byelaws, S.I. 145 of 2005 as amended by S.I. 116 of 2009 and S.I. 21 of 2012, Belize Electricity Limited (BEL) hereby submits an analysis of the variance between the actual cost of power incurred and the Public Utilities Commission's (PUC) Reference Cost of Power (RCOP) during the period July 1, 2021, to October 31, 2022, as well as the forecasted variance for the period November 1, 2022, to December 31, 2022. These variances are calculated monthly and are annexed to this letter; the variances are summarized below by half-years.

**TABLE I: COP Variances July 2021 through to December 2022**

Period	Actuals		PUC Approvals		Difference
	COP	Sales kWh	RCOP/kWh	RCOP	Actuals-RCOP
Jul - Dec 2021	\$ 76,265,720	299,281,254	\$ 0.2254	\$ 67,457,995	\$ 8,807,725
Jan - Jun 2022	\$ 82,158,700	286,425,115	\$ 0.2254	\$ 64,560,221	\$ 17,598,479
Jul - Dec 2022	\$ 78,000,343	310,463,167	\$ 0.2446	\$ 75,939,291	\$ 2,061,052
COP overspent by BEL/ (Owed to Customers)					<b>\$ 28,467,256</b>
Net value of COP overspent by BEL					<b>\$ 28,467,256</b>

BEL submits to the PUC that there is an estimated \$28.5 MN revenue shortfall due to cost of power being higher than provided for in electricity tariffs during the period under review. BEL hereby registers this sum with the PUC as recoverable in future tariff adjustments and pending further analysis and recommendations to be submitted in the upcoming 2023 Annual Review Proceedings. In the meantime, the company continues to vigilantly monitor and manage costs to ensure the regulatory account balance remains within reasonable limits.

Sincerely,  
Belize Electricity Limited

Leon Westby  
Manager, Strategy & Business Innovation  
Regulatory Affairs Liaison



## ANNEX 1

BEL's submission comparing actual COP with PUC's RCOP for the period July 1, 2021, to June 2023. The variance is shown for each six-month block over the period under consideration.

Cost of Power Variance								
BEL Actuals Cost of Power vs PUC Reference Cost of Power								
Month	BEL Cost of Power Sold	Control Center	BEL COP Sold (excl CC)	MWH Sold Actuals	PUC Unit Reference Cost of Power	PUC Reference Cost of Wholesale Power	Variance (BEL CoP - PUC RCOP)	Total Variance
Jul-21	\$ 11,961,726	\$ 87,819	\$ 11,873,907	52,930.43	0.2254	\$ 11,930,520	\$ (56,613)	\$ 8,807,725
Aug-21	\$ 12,393,491	\$ 64,218	\$ 12,329,273	52,984.95		\$ 11,942,808	\$ 386,465	
Sep-21	\$ 13,822,261	\$ 66,900	\$ 13,755,361	51,553.78		\$ 11,620,221	\$ 2,135,141	
Oct-21	\$ 16,007,191	\$ 84,629	\$ 15,922,562	51,441.58		\$ 11,594,933	\$ 4,327,629	
Nov-21	\$ 10,001,912	\$ 112,999	\$ 9,888,913	47,029.26		\$ 10,600,394	\$ (711,481)	
Dec-21	\$ 12,590,884	\$ 95,182	\$ 12,495,702	43,341.25		\$ 9,769,118	\$ 2,726,584	
Jan-22	\$ 10,606,663	\$ 55,723	\$ 10,550,940	44,210.00	0.2254	\$ 9,964,933	\$ 586,007	\$ 17,598,479
Feb-22	\$ 10,723,788	\$ 75,515	\$ 10,648,273	40,484.04		\$ 9,125,104	\$ 1,523,169	
Mar-22	\$ 13,006,455	\$ 67,962	\$ 12,938,493	44,096.21		\$ 9,939,286	\$ 2,999,206	
Apr-22	\$ 15,637,120	\$ 93,951	\$ 15,543,169	51,242.96		\$ 11,550,162	\$ 3,993,007	
May-22	\$ 16,979,690	\$ 71,652	\$ 16,908,038	52,092.87		\$ 11,741,732	\$ 5,166,307	
Jun-22	\$ 15,639,478	\$ 69,692	\$ 15,569,786	54,299.04		\$ 12,239,003	\$ 3,330,783	
Jul-22	\$ 16,200,619	\$ 89,130	\$ 16,111,489	54,178.76	0.2446	\$ 13,252,125	\$ 2,859,364	\$ 2,061,052
Aug-22	\$ 15,950,961	\$ 57,380	\$ 15,893,581	54,567.96		\$ 13,347,322	\$ 2,546,259	
Sep-22	\$ 14,995,829	\$ 131,900	\$ 14,863,929	54,865.51		\$ 13,420,104	\$ 1,443,825	
Oct-22	\$ 11,039,120	\$ 76,034	\$ 10,963,086	52,359.03		\$ 12,807,019	\$ (1,843,933)	
Nov-22	\$ 10,209,865	\$ 125,736	\$ 10,084,129	47,245.95		\$ 11,556,360	\$ (1,472,231)	
Dec-22	\$ 10,209,865	\$ 125,736	\$ 10,084,129	47,245.95		\$ 11,556,360	\$ (1,472,231)	
Jan-23	\$ 13,351,481	\$ 113,944	\$ 13,237,537	48,729.18	0.2446	\$ 11,919,158	\$ 1,318,378	\$ 14,746,445
Feb-23	\$ 13,843,184	\$ 113,944	\$ 13,729,240	50,268.54		\$ 12,295,686	\$ 1,433,555	
Mar-23	\$ 15,162,609	\$ 118,444	\$ 15,044,165	50,668.82		\$ 12,393,592	\$ 2,650,572	
Apr-23	\$ 15,981,242	\$ 113,944	\$ 15,867,298	50,809.72		\$ 12,428,059	\$ 3,439,240	
May-23	\$ 15,656,653	\$ 113,944	\$ 15,542,709	49,772.99		\$ 12,174,472	\$ 3,368,237	
Jun-23	\$ 15,415,239	\$ 118,444	\$ 15,296,795	52,168.16		\$ 12,760,332	\$ 2,536,463	