



Liberia Electricity Regulatory Commission

Behind Lonestar MTN Headquarters, Tubman Boulevard
Congo Town, Monrovia, Liberia



September 13, 2024

JUNGLE ENERGY POWER INCORPORATED (JEP) ABRIDGED APPLICATION FOR PUBLIC COMMENTS AND PUBLIC HEARINGS

1. INTRODUCTION

On March 18, 2024, the Liberia Electricity Regulatory Commission (LERC) requested Jungle Energy Power Incorporated (JEP) to submit its Tariff Application pursuant to the 2015 Electricity Law of Liberia (2015 ELL) and the Electricity Tariff Regulations (ETR). JEP accordingly proposed tariffs for consumers in its licensed areas to cover the period 2025 to 2027. The tariffs proposed by JEP is a subject of a major review of the levels and structure of electricity rates with respect to customer categories. On September 13, 2024, the Commission notified JEP of complete application.

This document is an abridged form of JEP's tariff application and is being published by the Commission in fulfillment of regulation 22(4)(a) of the ETR which provides for publication of the abridged tariff application.

JEP is a private utility that is licensed by the Commission under the 2015 ELL to distribute electricity in its service areas in Nimba and Bong Counties.

2. MAIN HIGHLIGHTS OF APPLICATION

JEP is proposing that the current tariffs it charges customers remain the same for the next tariff period (2025-2027).



Table 1.0 CURRENT AND PROPOSED TARIFF LEVELS AND STRUCTURE SUBMITTED BY JEP

Tariff Class	Current Tariff	Proposed Tariff
Residential & Commercial	0.25/kWh	\$0.25/kWh
Large Customers (AML)	\$0.215/kWh	\$0.215/kWh

Source: JEP Tariff Application

2.1 TOTAL ASSET VALUE

Table 2.0 below is the summary of JEP’s Total Asset Value. All of the assets as declared are financed by JEP.

Table 2.0 JEP ASSET VALUE

Asset Class	Asset Value
Total Asset Cost	\$4,230,388.16
Book Value	\$2,413,545.18

Source: JEP’s Asset Register

2.2 LOSS REDUCTION TARGETS FOR TARIFF PERIOD

Table 3.0 represents JEP’s loss reduction Targets from 2024 to 2027. It shows the percentage at which JEP shall phase out electricity losses during the proposed tariff period from 2025 to 2027. The company intends to reduce total losses from 11 percent to 7 percent in 2027.

Table 3.0 Loss Reduction Target

Loss Categories	2024	2025	2026	2027
Technical Losses (Commercial)	5%	5%	5%	5%
Non-technical Losses	6%	4%	3%	2%
Total Loss	11%	9%	8%	7%

Source: JEP’s Tariff Application



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2.3 OPERATING COSTS FORECAST FOR THE TARIFF PERIOD

Table 4.0 below is JEP's Statement of Comprehensive Income for the period 2024 to 2027 which includes actuals and forecast for the base year (2024) and a Business Plan forecast up to 2027.

Table 4.0 Statement of Comprehensive Income

STATEMENT OF COMPREHANSIVE INCOME	ACTUAL		Business Plan Forecast					
	JAN. --- MARCH		APRIL -- DECEMBER	2024	2025	2026	2027	2028
	UNITS	2,024	2024	2024	2025	2026	2027	2028
Energy Revenue	USD	923,186	3,522,969	4,446,155	5,481,305	5,951,085	6,384,234	6,832,684
Postpaid Meter Sales	USD	617,668	1,987,471	2,605,140	3,473,414	3,665,352	3,861,595	4,057,837
Prepaid Meter sales	USD	285,918	1,261,598	1,547,515	1,883,791	2,178,033	2,430,240	2,682,447
Add: Power Connection Fees	USD	19,600	273,900	293,500	124,100	107,700	92,400	92,400
COST OF SALES		550,511	1,975,838	2,526,349	3,309,778	3,597,207	3,862,331	4,127,454
MARGIN		372,675	1,547,131	1,919,806	2,171,527	2,353,877	2,521,904	2,705,230
O&M Costs	USD	507,184	1,582,007	2,089,191	2,232,078	2,388,427	2,555,219	2,730,171
DISTRIBUTION	USD	507,184	1,582,007	2,089,191	2,232,078	2,388,427	2,555,219	2,730,171
Fuel for generation, Excavator	USD	46,775	140,324	187,099	205,809	224,331	244,521	261,638
Lubricants & solvents	USD	18,004	54,011	72,014	75,615	83,176	91,494	100,643
Salaries and other employees'	USD	148,000	444,000	592,000	621,600	652,680	685,314	719,580
Maintenance O&M	USD	16,000	48,000	64,000	67,200	73,920	81,312	89,443
Insurance costs	USD	17,852	53,556	71,408	74,979	82,477	90,724	99,797
Depreciation Expense	USD	156,000	468,000	624,000	655,200	720,720	792,792	872,071
LEC SHARE	USD	37,247	133,683	170,930	223,936	243,383	261,321	279,259
Power lost	USD	67,307	240,433	307,740	307,740	307,740	307,740	307,740
Gross Profit	USD	(134,510)	(34,875)	(169,385)	(60,551)	(34,550)	(33,315)	(24,941)
Other Income (net of other gains/losses)	USD							
(Loss)/ profit before income tax	USD	(134,510)	(34,875)	(169,385)	(60,551)	(34,550)	(33,315)	(24,941)
Income Tax Expense	USD					(8,638)	(8,329)	(6,235)
(Loss)/ profit after income tax	USD		(34,875)	(169,385)	(60,551)	(25,913)	(24,986)	(18,706)
Total comprehensive income for the year	USD	(134,510)	(34,875)	(169,385)	(60,551)	(25,913)	(24,986)	(18,706)

Source: JEP Tariff Application



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3.0 Application Review Schedule

Table 5.0 Activities for the Tariff Review Process

No.	Activity	Delivery Date
1.	Acknowledgement of complete application	September 13, 2024
2.	Publication of Notice of Pendency	September 16, 2024
3.	Publication of Abridged Application	September 16, 2024
4.	Public Hearing on JEP's Application in Nimba	September 25, 2024
5.	Public Hearing on JEP's Application in Bong	September 27, 2024
6.	Presentation of Findings to BOC	November 25, 2024
7.	Meeting with JEP to discuss findings	Tuesday, November 26, 2024
8.	Finalize the Tariff Report	Wednesday, November 27, 2024
9.	BOC Meeting to approve Tariff Report	Thursday, November 28, 2024
10.	Announcement of Tariff Decision	Monday, December 2, 2024
11.	Publication of tariff Decision	Monday, December 2, 2024
12.	Tariffs Effective Date	January 1, 2025



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