



# Liberia Electricity Regulatory Commission

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24<sup>th</sup> Street, Sinkor, Monrovia, Liberia



April 10, 2025

## ENERGICITY ABRIDGED APPLICATION FOR PUBLIC COMMENTS AND PUBLIC HEARINGS

### 1. INTRODUCTION

On November 13, 2024, ENERGICITY submitted its tariff application proposal pursuant to the 2015 Electricity Law of Liberia (2015 ELL) and the Electricity Tariff Regulations (ETR). After a technical meeting with the Commission's tariff review team the initial submission was withdrawn, and resubmission was done on March 27, 2025. ENERGICITY is a Composite Large Micro-utility licensed in 2024 by the Liberia Electricity Regulatory Commission (LERC), to generate electricity using solar photovoltaic and diesel gensets to distribute the power within 10 towns in Gbarpolu County. The tariff when approved shall apply to consumers in its licensed areas for the period May 10, 2025, to May 09, 2028. On April 10, 2025, the Commission notified ENERGICITY of complete application.

This document is an abridged form of ENERGICITY'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.

### 2. MAIN HIGHLIGHTS OF APPLICATION

#### 2.1 ENERGICITY Capital Structure

The table 1.0 below represents ENERGICITY's capital structure. It depicts the percentage of the three different financing combinations and the amount each contributes to ENERGICITY's capital structure.



**Table 1. ENERGENCY Capital Structure**

<b>Financing</b>	<b>Amount in US\$</b>	<b>Cost %</b>
Equity	855,639.37	27
Subsidy	1,250,795.80	40
Debt	1,050,334.89	33
<b>Total capital cost</b>	<b>3,156,770.06</b>	<b>100</b>

Source: ENERGENCY Tariff Application

## 2.2 Proposed Tariff

ENERGENCY is proposing US\$0.57 per kWh as the price for power to all its customers during the tariff period (2025-2028) as shown in table 2 below.

**Table 2. PROPOSED TARIFF SUBMITTED BY ENERGENCY**

<b>Proposed Tariff</b>
\$0.57/kWh

Source: ENERGENCY Tariff Application

## 2.3 Customers Consumption

The table 3 below shows the three different customer classes proposed by ENERGENCY and their consumption during the day-time and night-time, accumulating into the annual consumption. It also depicts the number of customers to be connected in each category.

**Table 3: Consumption**

<b>Customer group name</b>	<b>No. of customers</b>	<b>Average Daily Consumption Daytime (kWh/day)</b>	<b>Average Daily Consumption Nighttime (kWh/day)</b>	<b>Average Total Daily Consumption [kWh/day]</b>	<b>Total Energy Consumption Daytime (kWh/year)</b>	<b>Total Energy Consumption Nighttime (kWh/year)</b>	<b>Total Energy Consumption [kWh/year]</b>
Residential	2,931	0.14	0.20	0.34	145,166.27	217,749.4	362,915.7
Commercial	462	0.98	1.48	2.46	166,049.11	249,073.7	415,122.8
Public	115	0.20	0.20	0.40	8,400.75	8,400.75	16,801.50
<b>Total</b>	<b>3,508.0</b>				<b>319,616.13</b>	<b>475,223.8</b>	<b>794,840.0</b>

Source: ENERGENCY Tariff Application



## 2.4 OPERATING COSTS FORECAST FOR THE TARIFF PERIOD

The utility submitted its operational costs structured into fixed operating costs and variable operational costs. Both costs are summed up to determine the total operational costs during the tariff period.

**Table 4: Fixed Operational Costs**

Name of account	Yearly cost increase per unit (%)	Unit Measurement	Y1	Y2	Y3	Y4	@Y1	Y1	Y2	Y3	Y4
Diesel	0.05	l	21,339.17	62,158.33	63,326.67	63,326.67	1.20	25,607.00	78,319.50	83,781.18	87,970.24
Transaction costs	0	kWh	794,839.95	898,319.07	1,014,713.62	1,094,264.16		-	-	-	-
Distributor fees	0	\$	284,612.58	792,908.09	632,555.85	730,704.86	0.05	14,230.63	41,183.65	34,129.72	40,955.08
Direct Labour	0.02	staff	6	7	7	7	2,609.17	15,655.00	18,972.82	19,708.96	20,473.67
Transportation, data & misc.	0.02	unit	10	10	10	10	2,070.00	20,700.00	21,503.16	22,337.48	23,204.18

Source: ENERGENCY Tariff Application

**Table 5: Variable Operational Costs**

Name of account	Yearly cost increase per unit (%)	Unit Measurement	Y1	Y2	Y3	Y4	@Y1	Y1	Y2	Y3	Y4
Diesel	0.05	l	21,339.17	62,158.33	63,326.67	63,326.67	1.20	25,607.00	78,319.50	83,781.18	87,970.24
Transaction costs	0	kWh	794,839.95	898,319.07	1,014,713.62	1,094,264.16		-	-	-	-
Distributor fees	0	\$	284,612.58	792,908.09	632,555.85	730,704.86	0.05	14,230.63	41,183.65	34,129.72	40,955.08
Direct Labour	0.02	staff	6	7	7	7	2,609.17	15,655.00	18,972.82	19,708.96	20,473.67
Transportation, data & misc.	0.02	unit	10	10	10	10	2,070.00	20,700.00	21,503.16	22,337.48	23,204.18

Source: ENERGENCY Tariff Application

**Table 6: Total Operational Costs**

Financial year	Y1	Y2	Y3	Y4
TOTAL Operational Costs	219,280.45	308,618.75	314,364.20	333,001.00

Source: ENERGENCY Tariff Application

## 2.5 Comprehensive Financial Outlook

Table 4.0 below shows the utility's statement of comprehensive income for the period 2025 to 2028. It shows the proposed annual revenue requirement during the tariff period.



**Table 4.0 Statement of Comprehensive Income**

<b>Allowed Revenue</b>		<b>468,346.68</b>	<b>562,728.53</b>	<b>568,473.97</b>	<b>587,110.78</b>	<b>621,004.40</b>
# customers	3,596.54	3,392.97	3,494.75	3,596.54	3,698.33	3,800.12
KWH sold	4,981,411.77	794,839.95	898,319.07	1,014,713.62	1,094,264.16	1,179,274.98
Connection fee	\$ 12.00	40,715.58	1,221.47	1,221.47	1,221.47	1,221.47
<b>Allowed revenue after Connection fee</b>		<b>427,631.10</b>	<b>561,507.06</b>	<b>567,252.50</b>	<b>585,889.31</b>	<b>619,782.93</b>
Service Fee calculation						
Monthly Distribution service	\$ 0.01	5,563.88	6,288.23	7,103.00	7,659.85	8,254.92
Monthly Electricity service	\$ 0.11	373.23	384.42	395.62	406.82	418.01
Total Monthly service charge		5,937.11	6,672.66	7,498.62	8,066.67	8,672.94
Total Annual service charge	442,175.77	71,245.27	80,071.88	89,983.38	96,799.99	104,075.26
Billed annual service per customer		24.59	24.59	24.59	24.59	24.59
<b>Total Service</b>		<b>83,429.39</b>	<b>85,932.27</b>	<b>88,435.15</b>	<b>90,938.04</b>	<b>93,440.92</b>
<b>Allowed revenue after Connection Fee and Service</b>		<b>344,201.71</b>	<b>475,574.79</b>	<b>478,817.35</b>	<b>494,951.27</b>	<b>526,342.01</b>
Monthly service per customer		2.05	2.05	2.05	2.05	2.05
cost per kwh per customer		0.43	0.53	0.47	0.45	0.45
Billed cost per kwh		0.43	0.45	0.46	0.48	0.50
Annual Tariff increase	0.04					
Billed Energy Charges revenue		341,781.18	400,955.73	470,117.75	526,238.59	588,671.42
Billed Total Revenue		465,926.15	488,109.47	559,774.38	618,398.09	683,333.81
Allowed Revenue NPV	1,996,893.04					
Billed Revenue NPV	1,984,304.84					
Difference in NPV	12,588.20					

Source: ENERGENCY Tariff Application

**3.0 Application Review Schedule**

**Table 5.0 Activities for the Tariff Review Process**

No.	Activity	Delivery Date
1.	Acknowledgement of complete application	April 10, 2025
2.	Publication of Notice of Pendency	April 14, 2025
3.	Publication of Abridged Application	April 14, 2025
4.	Public Hearing on ENERGENCY Application in Totoquolle and Gbarma towns.	April 23, 2025
5.	Public Hearing on ENERGENCY Application in Henry's Town	April 24, 2025
6.	Presentation of Findings to BOC	April 29, 2025
7.	Meeting with ENERGENCY to discuss findings	April 30, 2025
9.	BOC Meeting to approve Tariff Report	May 1, 2025
10.	Announcement of Tariff Decision	May 2, 2025
11.	Publication of tariff Decision	May 2, 2025
12.	Tariffs Effective Date	May 10, 2025



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