

The Empire District Electric Company
Functionalization Factors

The Empire District Electric Company
Missouri Jurisdiction
Case No. ER-2021-0312
Schedule TSL-4
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Empire District Electric (MISSOURI)							
Functional Factors			Production	Transmission	Primary Distribution	Secondary Distribution	Customer Service
	Code	Total					
INTERNAL FUNCTIONAL FACTORS							
Production Only	PRODUCTION	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Transmission Only	TRANSMISSION	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%
Primary Distribution Only	PRIMARY	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Secondary Distribution Only	SECONDARY	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Customer Service Only	CUSTSERVICE	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Total Distribution Plant Factor	DISTPT	100.0%	0.0%	0.0%	65.7%	34.3%	0.0%
Total General Plant Factor	GENPT	100.0%	24.4%	2.9%	7.5%	6.9%	58.3%
Total Operating Expenses	OPEXP	100.0%	73.4%	6.4%	5.3%	2.7%	12.3%
Rate Base	RB	100.0%	61.3%	13.9%	15.6%	7.2%	1.9%
Total Plant excl. Intangible	TPIS	100.0%	50.0%	14.0%	22.0%	11.6%	2.4%
EXTERNAL FUNCTIONAL FACTORS							
Poles and Fixtures	POLES	100.0%	0.0%	0.0%	91.5%	8.5%	0.0%
Overhead Conductors & Devices	OHCOND&DEV	100.0%	0.0%	0.0%	92.3%	7.7%	0.0%
Underground Conduits and Devices	UGCOND&DEV	100.0%	0.0%	0.0%	91.4%	8.6%	0.0%
LABOR FUNCTIONAL FACTORS							
Plant Labor Functional Factor	LABOR	100.0%	24.4%	2.9%	7.5%	6.9%	58.3%
Distribution Labor Factor	D-LABOR	100.0%	0.0%	0.0%	52.3%	47.7%	0.0%
A&G Labor	PTLABOR	100.0%	27.1%	4.1%	9.1%	7.4%	52.4%
INTERNAL FACTORS DERIVATION							
Total Plant (All Plant excl. Intangible)		3,231,301,508	1,614,890,501	451,641,254	712,450,260	375,218,893	77,100,600
Total Plant excl. Intangible	TPIS	100.0%	50.0%	14.0%	22.0%	11.6%	2.4%
Total Distribution Plant		1,068,617,028	-	-	702,485,343	366,131,686	-
Total Distribution Plant Factor	DISTPT	100.0%	0.0%	0.0%	65.7%	34.3%	0.0%
Total General Plant		132,300,696	32,331,030	3,816,941	9,964,918	9,087,207	77,100,600
Total General Plant Factor	GENPT	100.0%	24.4%	2.9%	7.5%	6.9%	58.3%
Plant Labor Functional Factor		65,240,363	15,943,137	1,882,217	4,913,919	4,481,100	38,019,990
Labor Functional Factor	LABOR	100.0%	24.4%	2.9%	7.5%	6.9%	58.3%
Distribution Labor Factor		8,484,890	-	-	4,437,890	4,047,000	-
Distribution Labor Factor	D-LABOR	100.0%	0.0%	0.0%	52.3%	47.7%	0.0%
A&G Labor		61,523,077	16,697,466	2,497,130	5,579,037	4,534,599	32,214,845
A&G Labor	PTLABOR	100.0%	27.1%	4.1%	9.1%	7.4%	52.4%
Total Operating Expenses		403,598,612	296,231,340	25,649,110	21,203,377	11,058,526	49,456,258
Total Operating Expenses	OPEXP	100.0%	73.4%	6.4%	5.3%	2.7%	12.3%

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OH Poles		
Account 364	Miles	%
Primary	5,620	91.5%
Secondary	525	8.5%
Total	6,145	100.0%

OH Conductors & Devices			
Account 365	Miles	Cost	%
Primary	5,620	\$ 379,276,919	92.3%
Secondary	525	\$ 31,704,553	7.7%
Total	6,145	\$ 410,981,472	100.0%

UG Conduits & Devices			
Account 366-367	Miles	Cost	%
Primary	751	\$ 55,622,800	91.4%
Secondary	141	\$ 5,208,717	8.6%
Total	892	\$ 60,831,518	100.0%