

Understanding Transmission Costs

It's easier to understand how your transmission costs are calculated when you have all the information you need in one place. This quick reference guide gives you everything you need to calculate your costs.

Transmission Terms

- **Network Service Peak Load (NSPL)** - Your electric distribution company (EDC) determines how your transmission peak is set and is responsible for publishing it. Please consult your EDC's tariff for more information.
- **Open Access Transmission Tariff (OATT)** - The Federal Energy Regulatory Commission (FERC) approves request from EDCs for cost recovery of transmission services. This results in your Network Integrated Transmission Service (NITS) charges, published by PJM.

Transmission Billed by Generation Supplier

EDC	NITS Rate (\$/MW-Yr)
ComEd	\$46,877
BGE	\$56,999
Delmarva	\$67,517
PEPCO	\$60,419
Potomac Edison	\$28,519
Atlantic Electric	\$85,511
JCP&L	\$45,900
PSEG	\$183,352
DLCO	\$74,004
Met-Ed	\$96,066
PECO	\$29,542
Penelec	\$96,066
Penn Power	\$91,371
PPL	\$112,373
West Penn Power	\$28,519

Transmission Billed by Generation Supplier**

EDC	NITS Rate (\$/MW-Yr)
Ameren Illinois	\$106,930

Transmission Billed by EDC*

EDC	NITS Rate (\$/MW-Yr)
American Electric Power (AEP)	\$138,848
AES (fka Dayton Power & Light)	\$54,290
Duke Energy Ohio (Duke)	\$52,721
FirstEnergy Ohio	\$91,371

*Consult the EDC's transmission tariff for details.

**MISO EDCs NSPL is set monthly. PJM EDCs NSPL is set annually.

If you know your Network Service Peak Load (NSPL), you can use the input table below to calculate your Transmission Cost.

Example: customer located in Penelec consuming 10,000 MWh/year.

NSPL		NITS Rate (\$/MW-Yr)	=	Transmission Cost
1.75	X	\$96,066	=	\$168,116 / yr. \$14,010 / mo. \$16.81 / MWh

For term other than 12-months; divide NITS rate by 12, then multiple by number of months.

NSPL		NITS Rate (\$/MW-Yr)	=	Transmission Cost
	X		=	To calculate transmission cost by MWh, divide this by your annual usage.

*Updated 6.1.26

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