**Source**

* Name: Various industry product standards and generalization
* Author:
* Description: Electric power data – system constant parameters – transmission facility ampacity and reactance estimation
* Source: Various sources from ABB, MISO, AEP, ATC, etc., with certain calibration from engineering judgement
* Exact source location:  a few selected major helpful sources are listed below

<https://www.hitachiabb-powergrids.com/us/en/offering/product-and-system/high-voltage-switchgear-and-breakers/gas-insulated-transmission-line>

<https://ieeexplore.ieee.org/abstract/document/4113522>

<https://rfirst.org/ProgramAreas/ESP/ERAG>

<https://www.misoenergy.org/planning/policy-studies/Renewable-integration-impact-assessment/#t=10&p=0&s=&sd=>

<https://www.misoenergy.org/planning/planning/>

<https://web.ecs.baylor.edu/faculty/grady/_13_EE392J_2_Spring11_AEP_Transmission_Facts.pdf>

<https://www.aluminum.org/sites/default/files/Aluminum%20Electrical%20Conductor%20Handbook.pdf>

* Terms (if specified): generalized information for public use without specific CEII information.

**Destination**

* Modifications to source files(s):
* Location:

**General Purpose**

* The data are used for estimation of transmission facility parameters based on industry standards and engineering knowledge, which roughly reflect what has been used in industry studies like MTEP and RIIA. Please not it might vary significantly for a certain local facility due to detailed system conditions which are CEII information that cannot be shared publicly.