

Electricity Import

As at 2010 there was no electricity import in Nigerian electricity system. Electricity import will take advantage of the 80GW capacity from Grand Inga project in the Central Africa

Level 1

Level 1 assumes that electricity import shall not take place up to 2050.

Level 2

Level 2 assumes that 1.3GW capacity shall be wheeled from Grand Inga hydro electric project by 2030 and remain the same up to 2050. With 5% transmission losses, 11TWh of electricity shall be imported.

Level 3

Level 3 assumes that 4 GW capacities shall be wheeled to Nigeria Grand Inga hydro electric project by 2030 and remain the same up to 2050. Considering 5% transmission losses, 35TWh shall be imported into the country.

Level 4

Level 4 assumes that 8 GW capacities shall be wheeled to Nigeria from grand Inga hydro electric project by 2050. Considering 5% transmission losses, 70TWh shall be imported.



Transmission Lines

