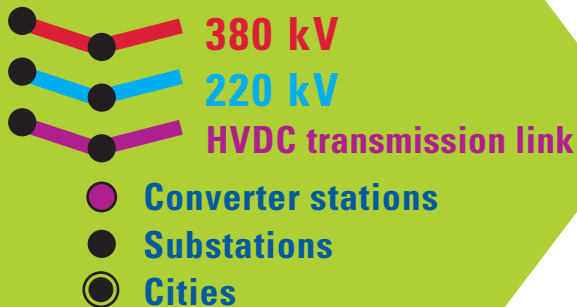


# > German high voltage network

## Electric circuit distances in Germany in km

> Low voltage [0,4 Kilovolt]	1.070.000
> Base voltage [6 bis ≤ 60 Kilovolt]	494.000
> High voltage [> 60 bis < 220 Kilovolt]	74.700
> Extreme voltage [220 und 380 Kilovolt]	36.000
<b>total:</b>	<b>1.674.700</b>

## Voltage connection



## Numbers of substations/transformers\*

> Base voltage [6 bis ≤ 60 Kilovolt]	557.700
> High voltage [> 60 bis < 220 Kilovolt]	7.500
> Extreme voltage [220 und 380 Kilovolt]	1.100
<b>total:</b>	<b>566.300</b>

## Substations/transformers rated power [Mega-Volt-Ampere]\*

> Base voltage [6 bis ≤ 60 Kilovolt]	268.200
> High voltage [> 60 bis < 220 Kilovolt]	260.000
> Extreme voltage [220 und 380 Kilovolt]	311.000

\* estimated

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IMPLEMENTING NEW IDEAS

Source: VDN, Verband der Netzbetreiber, 2006;  
VDEW, Verband der Elektrizitätswirtschaft



Latest update: 16.11.07