How electricity works



POWER SOURCE

1

ing electrical energy. Power also can be

TRANSMISSION SUBSTATION Transformers at the substation 'step down' the voltage.

From here electricity flows to a network of distribution substations closer to end users.



HOMES, FARMS, SMALL BUSINESSES AND LARGE 6 **INDUSTRIAL USERS**





DISTRIBUTION SUBSTATION

Transformers here 'step down' the electric energy even further to a lower voltage for distribution over short distances.



and businesses. Voltage can be as high as 1,000-kV, but the most common high voltage lines are 230-kV or 345-kV.

5 DISTRIBUTION LINES

