

Data title	Data format	Description of data	
Maximum kVA	numeric	The maximum power value in kilo volt amperes.	The maximum power value, usually the average of a set number of minutes, reached during the billing period.
Percent growth	numeric	Percent growth of maximum power value.	Percent growth of maximum power value. (value x 100 = percent)
Energy (kWh) sold	numeric	Energy sold in kilo watt hours.	Energy sold in kilo watt hours. KWHs are a measure of electrical energy equivalent to a power consumption of one thousand watts for an hour.
Percent energy growth (%)	numeric	Percent growth of energy sold to eThekwini customers.	Percent growth in energy sold to eThekwini customers. (value x 100 = percent).
Energy (kWh) purchased	numeric	Energy in kilo watt hours.	Energy purchased in kilo watt hours. KWHs are a measure of electrical energy equivalent to a power consumption of one thousand watts for an hour.
Percent energy growth (%)	numeric	Percent growth of energy consumed by eThekwini customers.	Percent growth in energy legally purchased by eThekwini customers. (value x 100 = percent).
Percent loss (%)	numeric	Percentage loss in energy sold.	Energy purchased less energy sold. (value x 100 = percent).
Power factor at system peak (%)	numeric	Power factor at system peak.	The ratio of power supplied, to the demand pulled from the supply. Ideal systems have a power factor of 1 which means that the demand exactly equals the power, but in the real world you can see power factors running from as low as 0.6 to 0.999. (value x 100 = percent).
Average monthly load factor (%)	numeric	Monthly load factor.	The utilisation rate, or efficiency of electrical energy usage. It is the ratio of total energy used in the billing period divided by the possible total energy used within the period, if used at the peak demand. (value x 100 = percent).
Number of customers	numeric	Number of eThekwini Municipality customers.	Number of eThekwini Municipality customers.