

A. Demand

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| 1 | Applicant Name | |
| 2 | Contact Name | |
| 3 | Address and Applicant Details | |

a) General

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| 1. | Map (in scales) of Distribution System Operator and Clients extension area | <i>Represents the geographical area in which the business operates the company of the Distribution System Operator and Customers according to the relevant license, presented on the state map. This map must be legible and not smaller than A3 format).</i> |
| 2 | Data on Distribution System Operator and Clients systems/objects. | <i>Data as consumers ,in MW,MVA</i> |

b) Connection

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| 1 | Connection Point | <i>Indicates a single line diagram of the proposed Connection to the Transmission System</i> |
| 2 | Nominal Voltage | <i>(kV) Voltage level in points of Connection to the Transmission System</i> |
| 3 | Names of Transmission System Substations that feed the Connection points | |

c) Lines & substations

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| 1 | Line Data | <i>The line lengths and the nominal voltage level are given; All are given the parameters described in point A.2</i> |
| 2 | Substation Data | <p><i>The primary scheme of the substation connecting to the transmission network is given.</i></p> <p><i>Details are given (transforming power, configuration of all primary and secondary elements, planimetry, maps, etc.) of substations that connect directly to the Transmission network and details of compensating (capacitive or inductive) installed.</i></p> <p><i>For the Power transformer to give the parameters:</i></p> <p><i>Type</i></p> <p><i>Full Nominal Power at MVA</i></p> <p><i>Voltage level (HV / LV) in kV</i></p> <p><i>Rated currents (HV / LV) in A</i></p> <p><i>Voltage Adjustment (Number of steps and steps ±%);</i></p> <p><i>Voltage Adjustment Type (off-load / on-load)</i></p> <p><i>Vector group</i></p> <p><i>Short circuit impedance in%</i></p> <p><i>On Load losses in kW</i></p> <p><i>Off Load losses in kW</i></p> <p><i>Off Load current in%</i></p> <p><i>Cooling type (ONAN / ONAF)</i></p> |

d) Demand data

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| 1 | Load Type | <i>(Condition of load supplying point, quantity of Electricity absorbed by the load, its type, etc).</i> |
| 2 | Nominal voltage | <i>kV</i> |
| 3 | Equipment Electric Load | |
| 4 | Load Sensitivity from voltage and frequency of supply. | |
| 5 | Maximum of Load harmonics | |

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|---|--|---|
| 6 | Average and maximal unbalance of load phases | |
| 7 | Nearest substation supplying the load | <i>Data to be provided pursuant to A.3</i> |
| 8 | Area mapping scales | <i>(Showing location of load with reference of lines and substations in the vicinity)</i> |