

RWANDA TRANSMISSION NETWORK

HV Lines, Generations and Substations

Legend

Generation

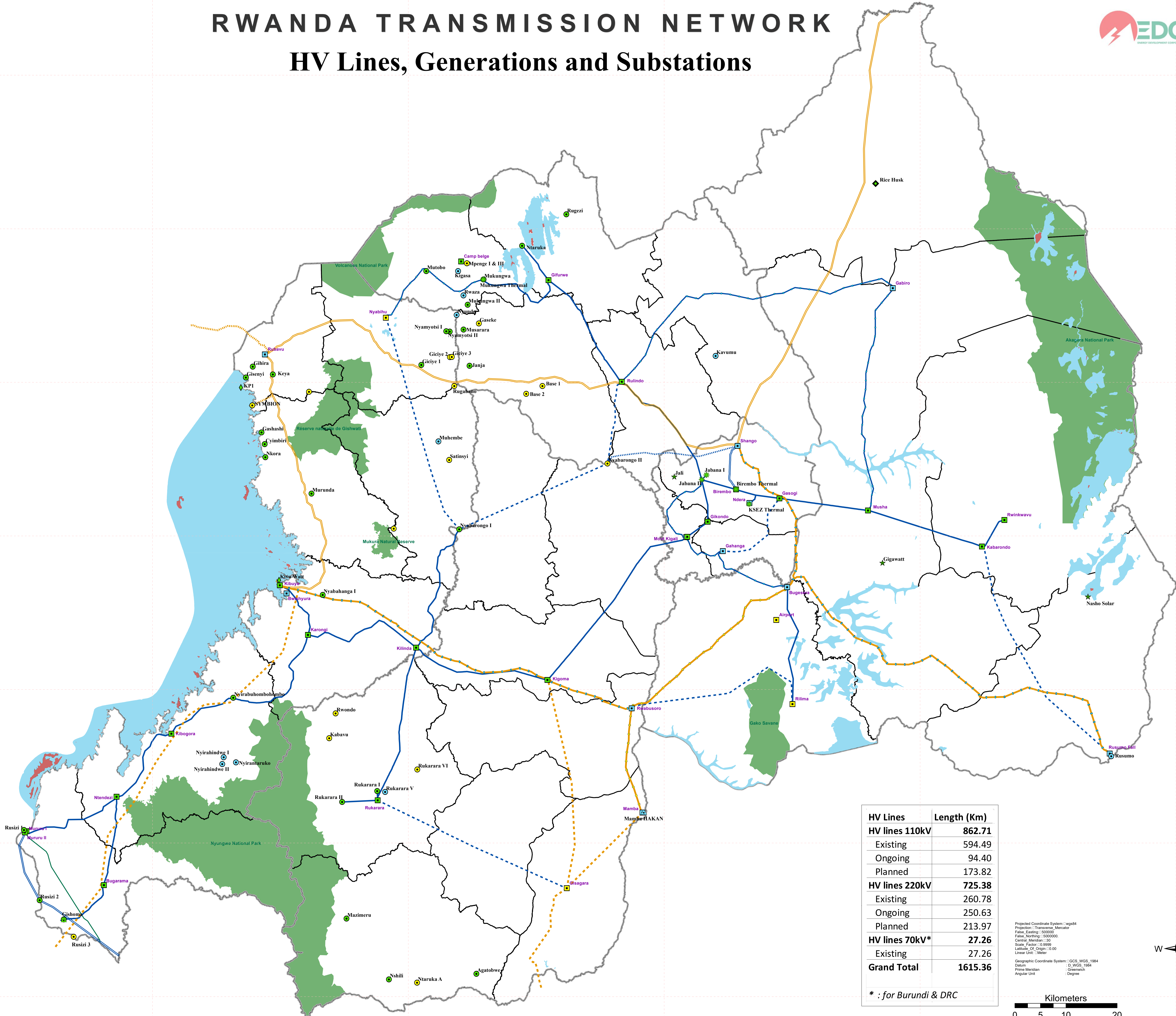
- Peat Plants**
- Existing (Green triangle)
 - Ongoing (Blue triangle)
- Methane Gas Plants**
- Existing (Green diamond)
- Thermal Plants**
- Existing (Green star)
- Solar Plants**
- Existing (Green star)
- Hydropower Plants**
- Existing (Green circle)
 - Ongoing (Blue circle)
 - Planned (Yellow circle)
- Biomass**
- Biomass (Green diamond)
- Substations**
- Existing (Green square)
 - Ongoing (Blue square)
 - Planned (Yellow square)

- 220kV**
- Existing 220kV double circuit (Solid orange line)
 - Ongoing 220kV double circuit (Dashed orange line)
 - Ongoing 220kV single circuit (Dotted orange line)
 - Planned 220kV double circuit (Dashed orange line with dots)
 - Planned 220kV single circuit (Dotted orange line with dots)
- 110kV**
- Existing 110kV double circuit (Solid blue line)
 - Existing 110kV single circuit (Dashed blue line)
 - Ongoing 110kV single circuit (Dotted blue line)
 - Planned 110kV double circuit (Dashed blue line with dots)
 - Planned 110kV single circuit (Dotted blue line with dots)

- 70kV**
- Existing 110kV single circuit (Dotted blue line)

Administrative boundaries

- Province (Grey outline)
- District (Light grey outline)
- Natural Forest (Green area)
- Waterbodies (Blue area)
- Islands (Red area)



HV Lines	Length (Km)
HV lines 110kV	862.71
Existing	594.49
Ongoing	94.40
Planned	173.82
HV lines 220kV	725.38
Existing	260.78
Ongoing	250.63
Planned	213.97
HV lines 70kV*	27.26
Existing	27.26
Grand Total	1615.36

* : for Burundi & DRC

Projected Coordinate System: WGS 1984
 Projection: Transverse_Mercator
 False_Easting: 500000
 False_Northing: 500000
 Central_Meridian: 30
 Scale_Factor: 0.9999
 Latitude_Of_Origin: 0.00
 Linear_Unit: Meter

Geographic Coordinate System: GCS_WGS_1984
 Datum: WGS_1984
 Prime_Meridian: 0 Degree
 Angular_Unit: Degree

Kilometers
 0 5 10 20

Source:
 Electricity Lines: EDCL/REG
 Substations: EDCL/REG
 Power Plants: EDCL/REG
 Boundaries: NSR 2012
 Lakes and Parks: NSR 2012

Established by:
 Energy Planning Department
 GIS Team
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REG/EDCL/Energy Planning
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