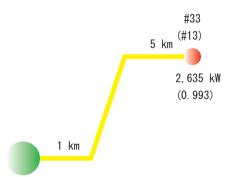
# Appendix C

Single Line Diagram of Distribution System

パッケージ別単線図: コンサルタントによる 追加変電所からの延伸

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

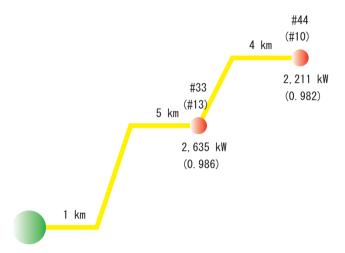
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



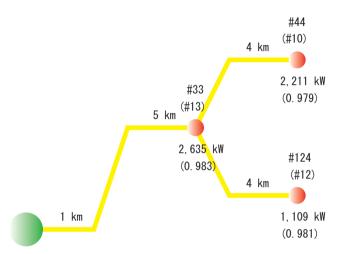
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele1 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



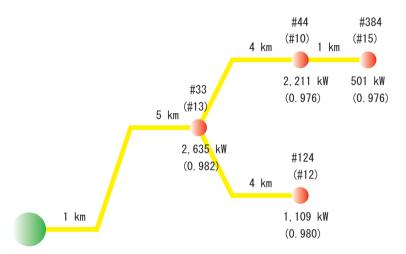
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele1 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



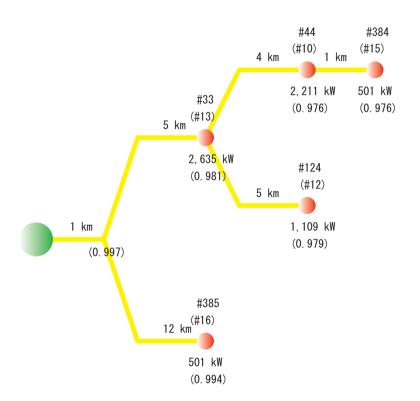
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele1 SS Feeder 1 (Package 1-4)

[Package 1-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



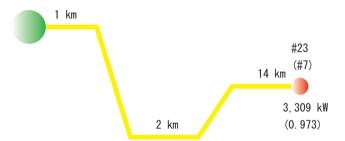
the Rural Electrification Master Plan in Zambia



Drawing No.

Title

[Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



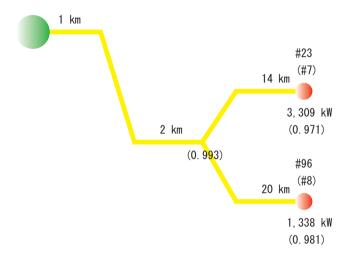
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele1 SS Feeder 2 (Package 2-1)

#### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

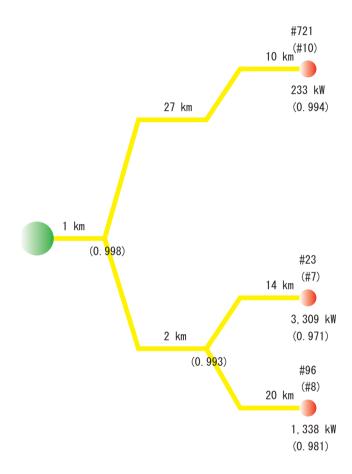
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele1 SS Feeder 2 (Package 2-2)

[Package 2-3]



# Legend



: Power Source (Substation)



: RGC



# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



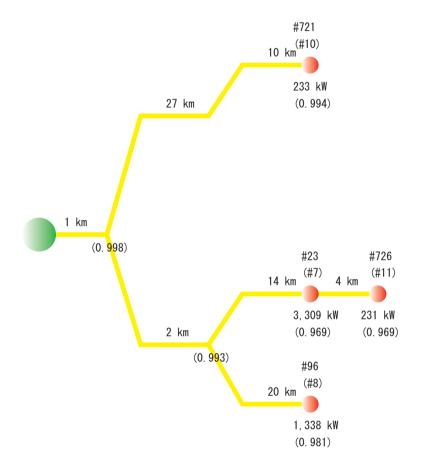
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele1 SS Feeder 2 (Package 2-3)

#### [Package 2-4]







: Power Source (Substation)



: RGC



# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

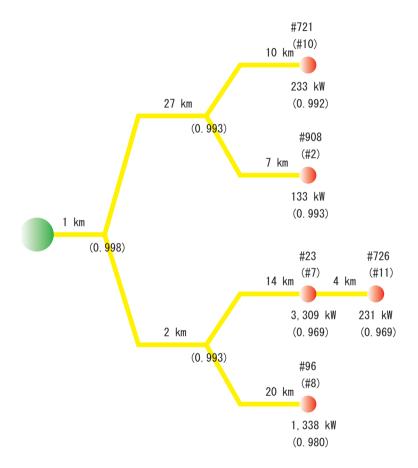
Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [Package 2-5]







: Power Source (Substation)



: RGC



: 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

Black: More than 0.95 Red : Less than 0.95



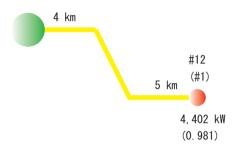
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

DI System

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

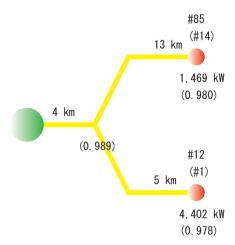
Title

Drawing No.

DL System at Azele2 SS Feeder 1 (Package 1-1)

The Study for Development of

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



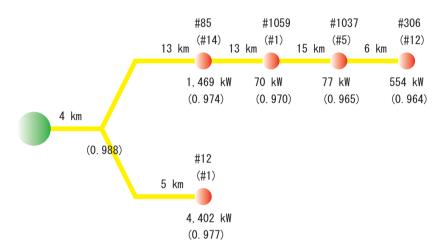
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele2 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

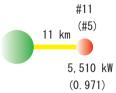


Title

Drawing No.

DL System at Azele2 SS Feeder 1 (Package 1-3)

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

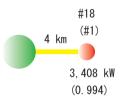
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele2 SS Feeder 2 (Package 2-1)

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

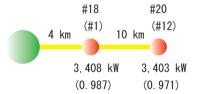
Tokyo Electric Power Company

Title

Drawing No.

DL System at Azele3 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

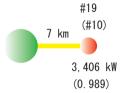
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele3 SS Feeder 1 (Package 1-2)

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

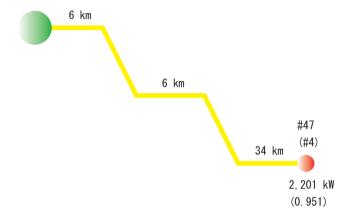
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele3 SS Feeder 2 (Package 2-1)

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

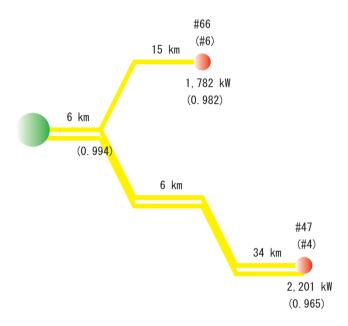
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 1 (Package 1-1)

### [Package 1-2]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



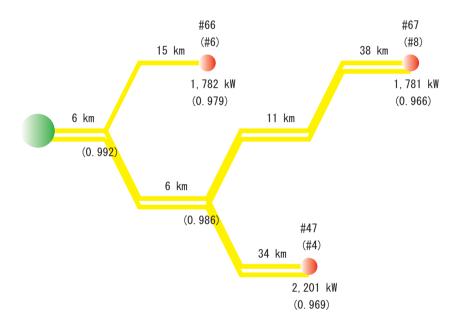
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC



: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



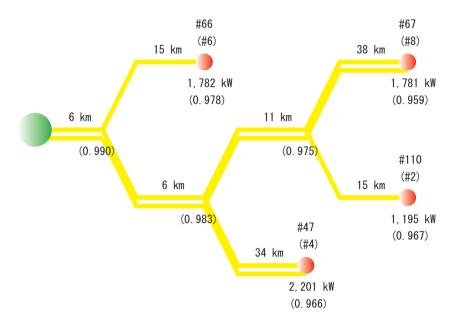
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



# X X

: RGC



: Priority by Consultant

: Priority by Each District XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

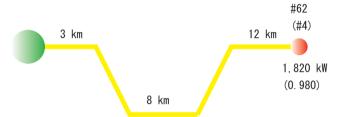
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

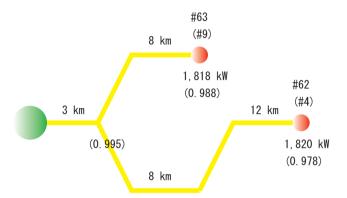
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 2 (Package 2-1)

#### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

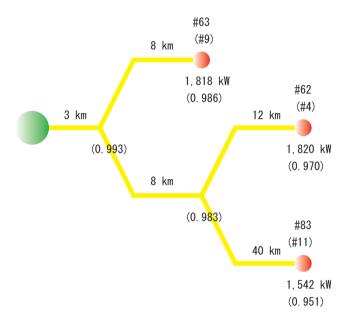
Tokyo Electric Power Company

Title

Drawing No.

DL System at Azele4 SS Feeder 2 (Package 2-2)

### [Package 2-3]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

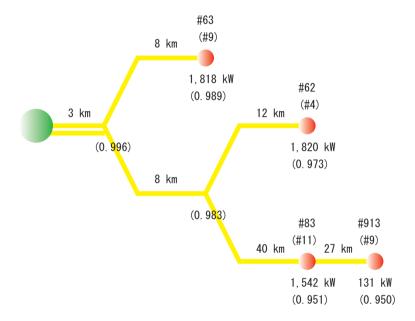
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 2 (Package 2-3)

#### [Package 2-4]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

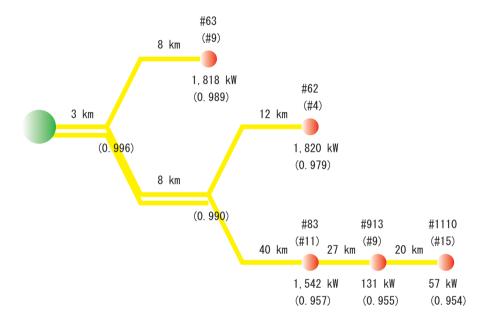
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele4 SS Feeder 2 (Package 2-4)

#### [Package 2-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



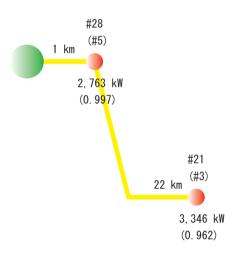
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele4 SS Feeder 2 (Package 2-5)

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

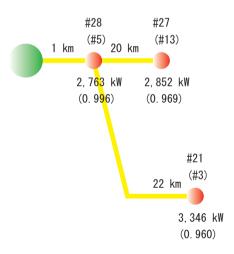
Tokyo Electric Power Company

Title

Drawing No.

DL System at Azele5 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



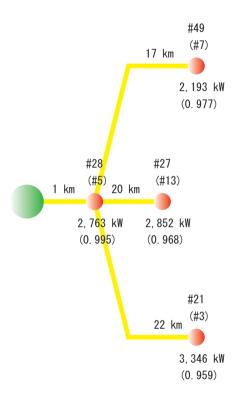
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele5 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele5 SS Feeder 1 (Package 1-3)

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

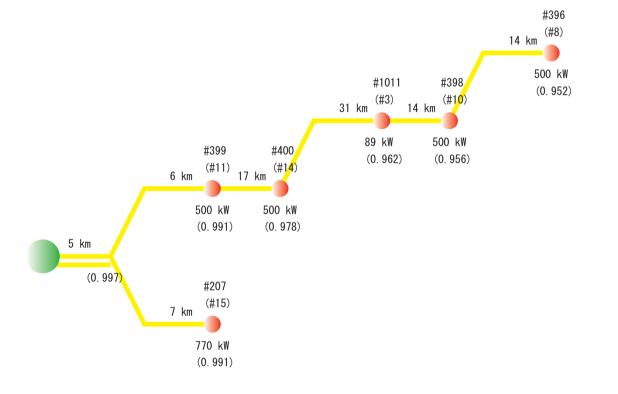
Tokyo Electric Power Company

Title

Drawing No.

DL System at Azele6 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC



: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



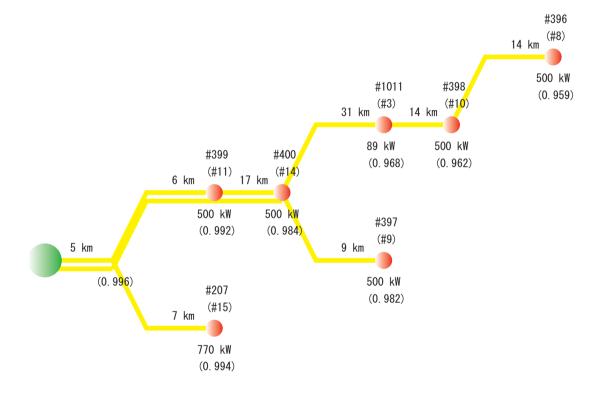
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele6 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



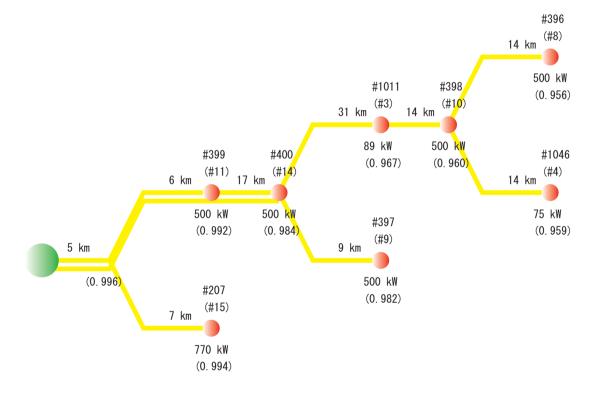
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Azele6 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

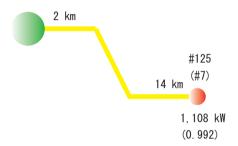
the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

DL System at Azele6 SS Feeder 1 (Package 1-4)

Drawing No.

[Package 2-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

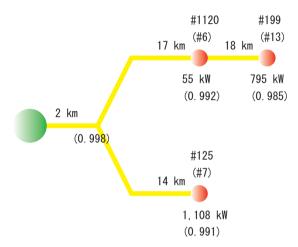


The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

DL System at Azele6 SS Feeder 2 (Package 2-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele6 SS Feeder 2 (Package 2-2)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka1 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

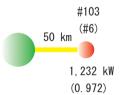


Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka1 SS Feeder 2 (Package 2-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

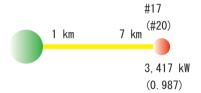


Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka1 SS Feeder 3 (Package 3-1)







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

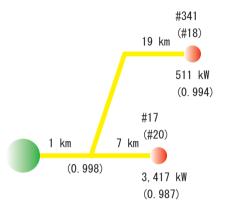


Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe1 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

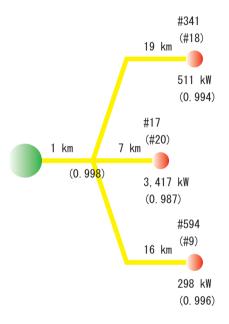


Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe1 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe1 SS Feeder 1 (Package 1-3)







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

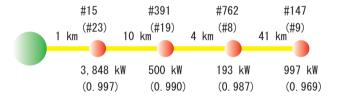


Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe2 SS Feeder 1 (Package 1-1)







: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

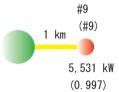


Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe2 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

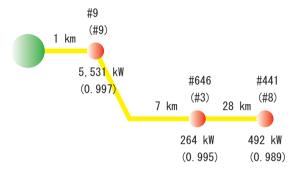
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama1 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



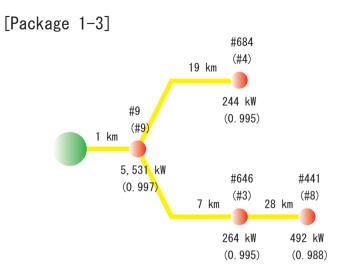
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama1 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

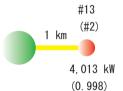


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Kasama1 SS Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



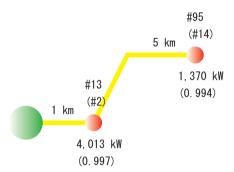
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.

DL System at Kasama2 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



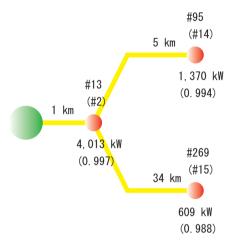
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama2 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

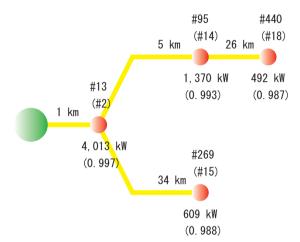
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama2 SS Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

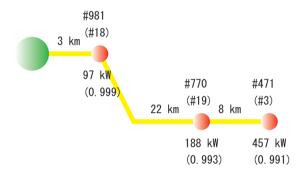


Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama2 SS Feeder 1 (Package 1-4)







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

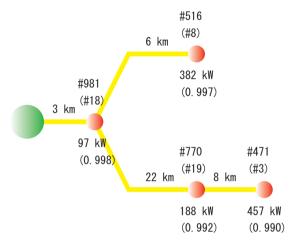


Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano1 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



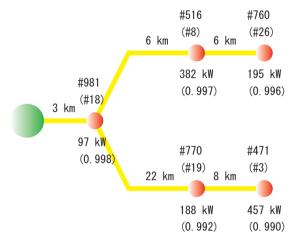
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luano1 SS Feeder 1 (Package 1-2)

Tokyo Electric Power Company



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

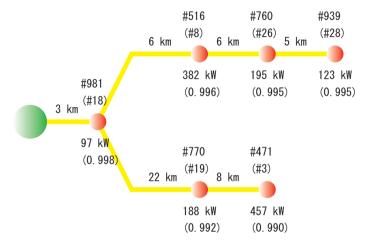


**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano1 SS Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

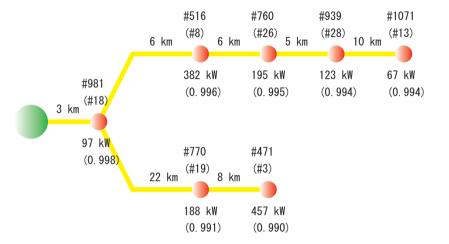


**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano1 SS Feeder 1 (Package 1-4)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

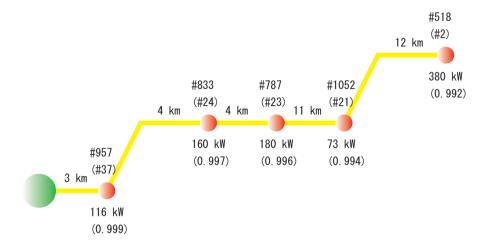


**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano1 SS Feeder 1 (Package 1-5)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

the Rural Electrification Master Plan in Zambia

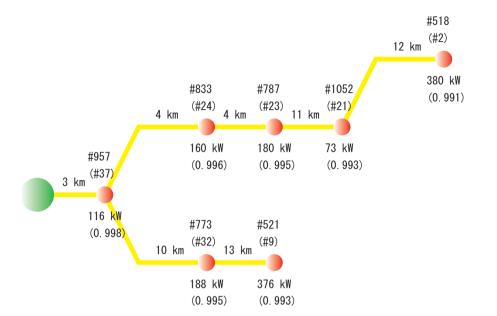
Tokyo Electric Power Company

Title

Drawing No.

DL System at Luano1 SS Feeder 2 (Package 2-1)

The Study for Development of



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



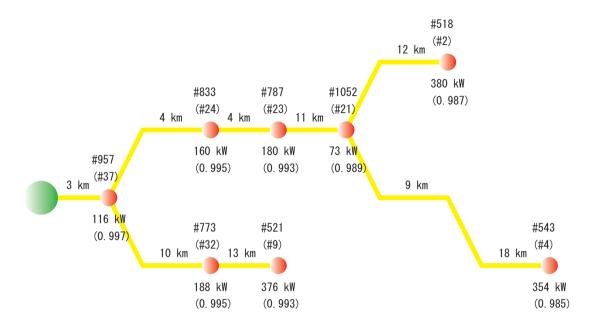
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



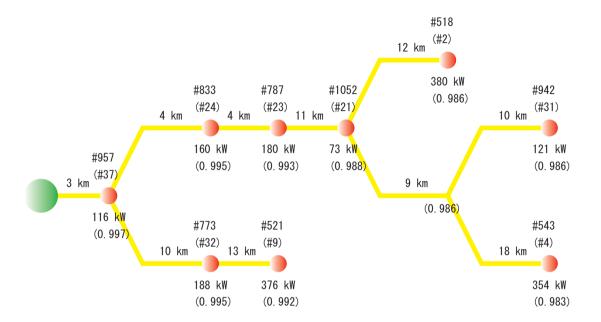
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luano1 SS Feeder 2 (Package 2-3)

### [Package 2-4]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

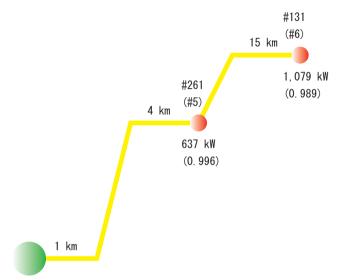
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

DL System at Luano1 SS Feeder 2 (Package 2-4)

Title



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

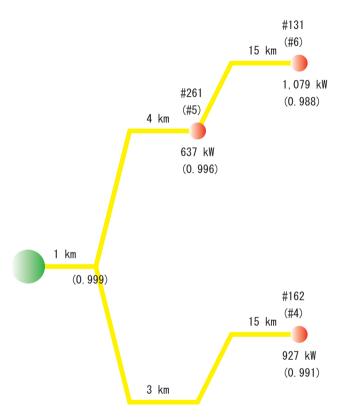


Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano2 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

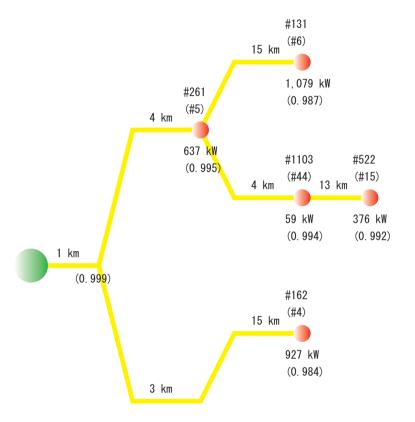
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano2 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

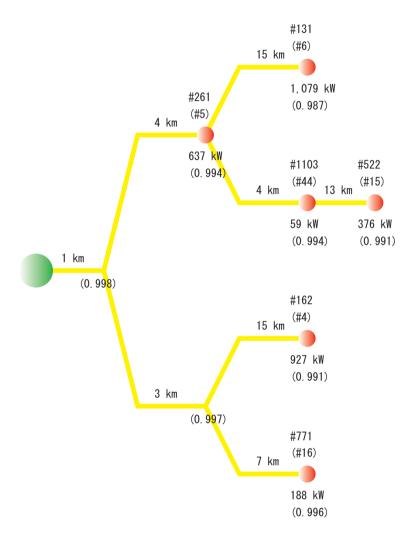


**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano2 SS Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

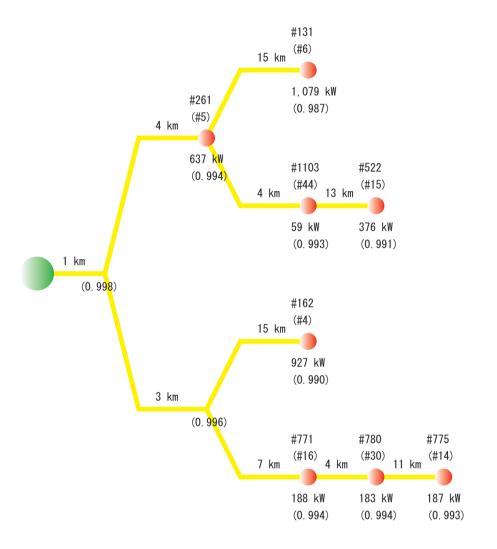
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano2 SS Feeder 1 (Package 1-4)



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

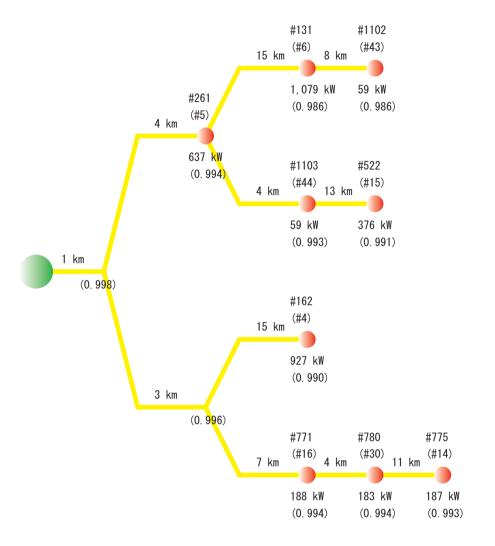


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luano2 SS Feeder 1 (Package 1-5)



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

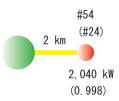
Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No.







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

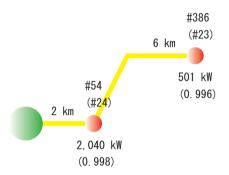
Title

Drawing No.

DL System at Lundazi1 SS

Feeder 1 (Package 1-1)

Tokyo Electric Power Company







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

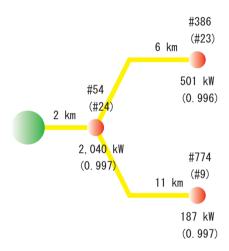


The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

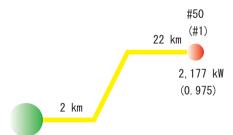
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

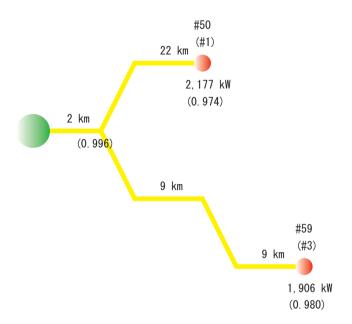
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu1 SS Feeder 1 (Package 1-1)



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



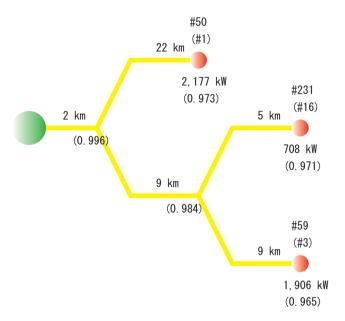
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu1 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



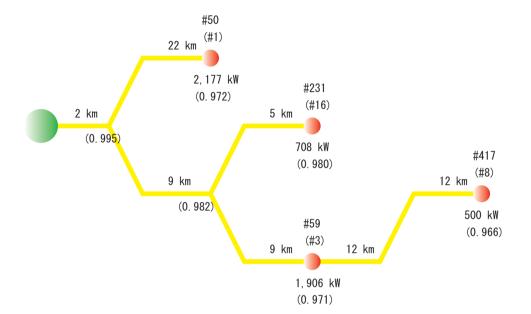
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



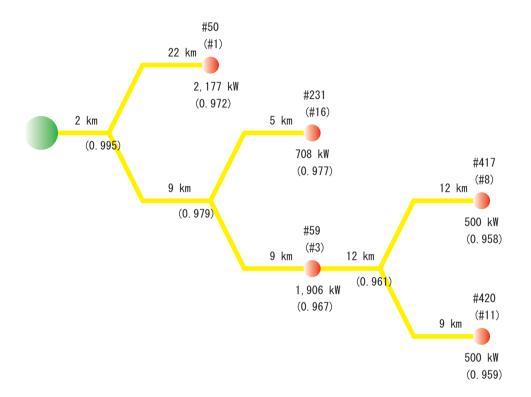
the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luwingu1 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

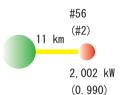
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu1 SS Feeder 1 (Package 1-5)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



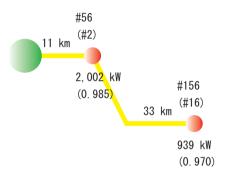
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



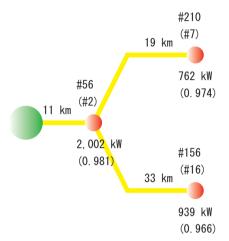
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

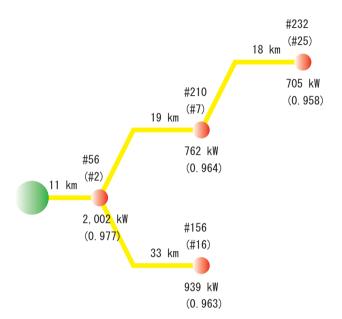


The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No.

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

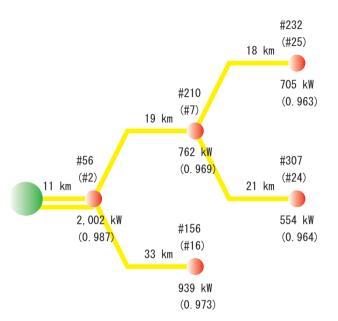
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

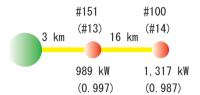
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The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No. Title

# [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



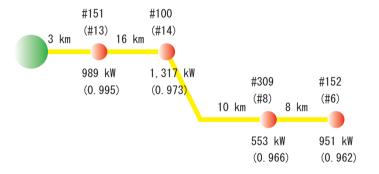
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 2 (Package 2-1)

### [Package 2-2]







: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

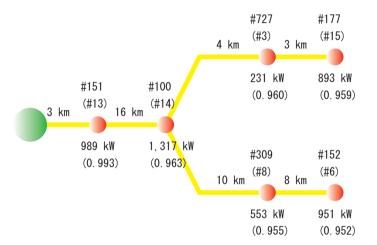


Drawing No.

Title

DL System at Luwingu2 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

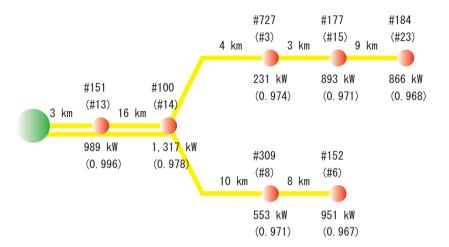
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 2 (Package 2-3)

### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



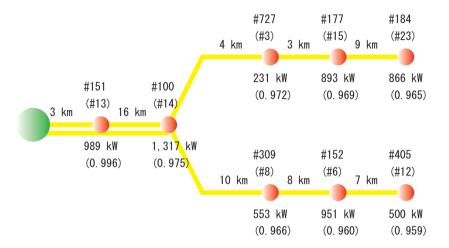
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu2 SS Feeder 2 (Package 2-4)

### [Package 2-5]



### Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



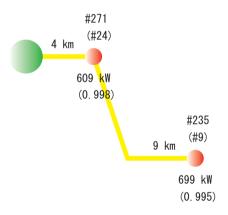
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luwingu2 SS Feeder 2 (Package 2-5)

[Package 1-1]









: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

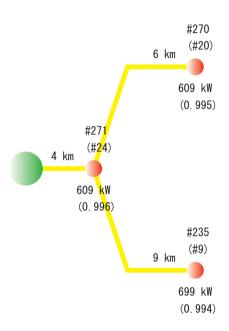
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu3 SS Feeder 1 (Package 1-1)

#### [Package 1-2]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

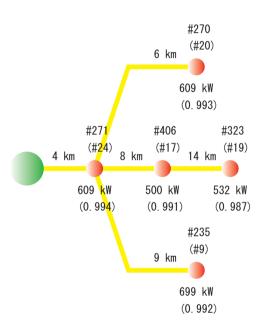
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu3 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



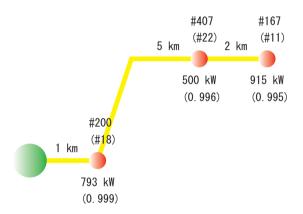
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luwingu3 SS Feeder 1 (Package 1-3)

[Package 2-1]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



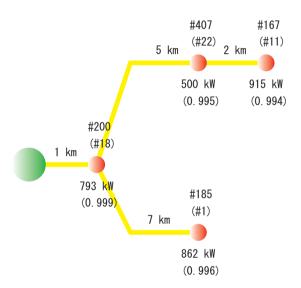
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu3 SS Feeder 2 (Package 2-1)

[Package 2-2]









: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

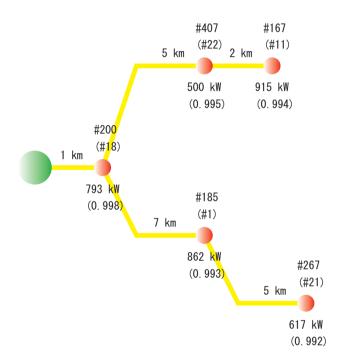
Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



[Package 2-3]









: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

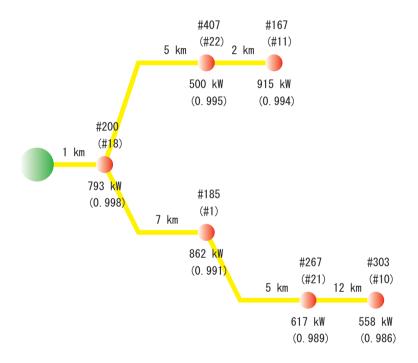


The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

[Package 2-4]









: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

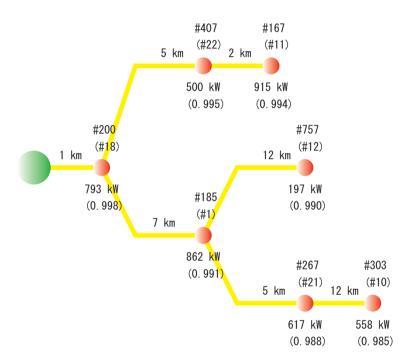


The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No.

[Package 2-5]









: RGC



: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

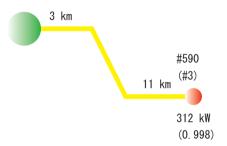


The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No.

### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



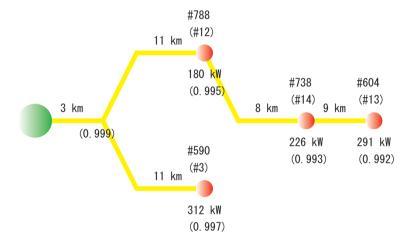
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

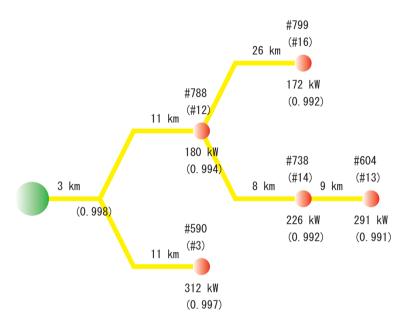
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

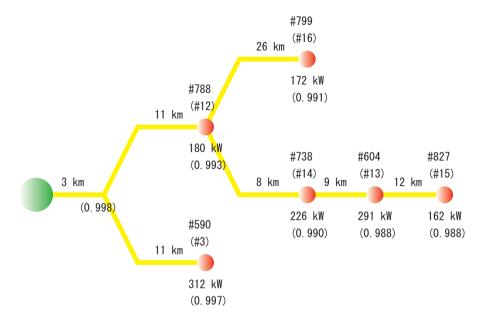
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

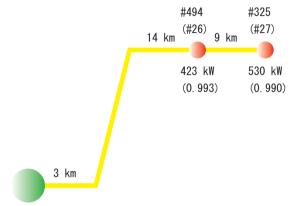
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 1 (Package 1-4)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

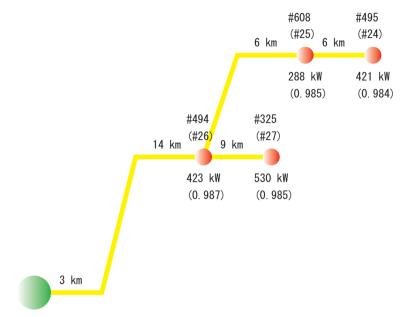
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 2 (Package 2-1)

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

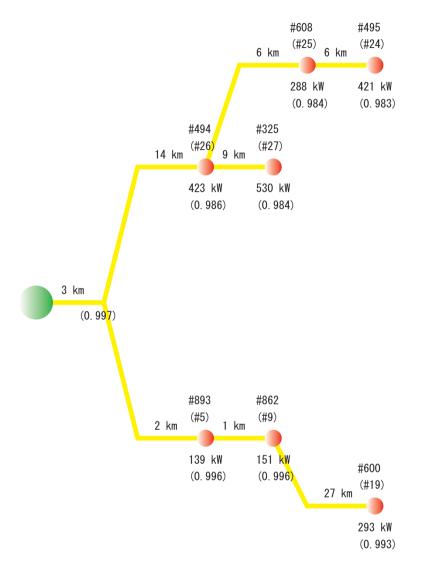
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

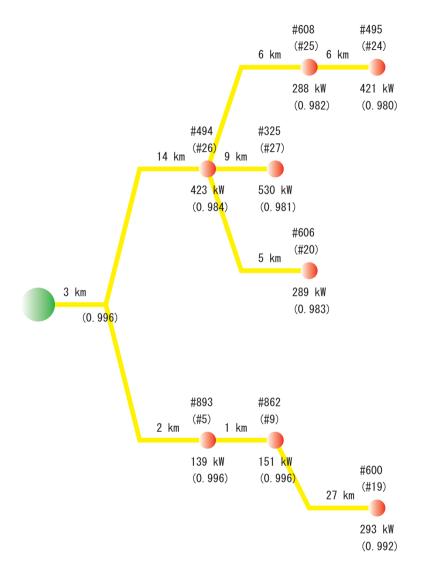
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 2 (Package 2-3)

### [Package 2-4]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



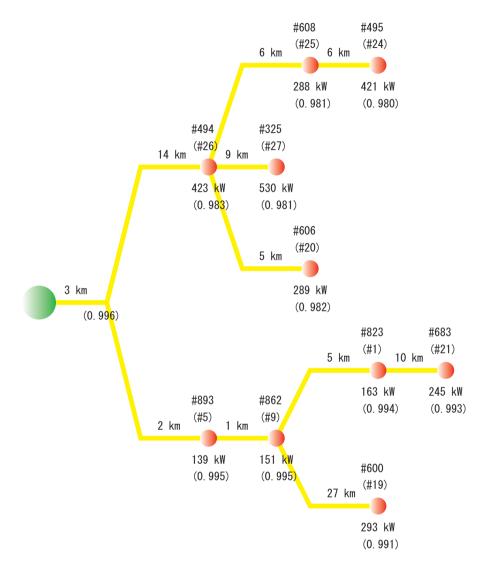
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 2 (Package 2-4)

### [Package 2-5]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

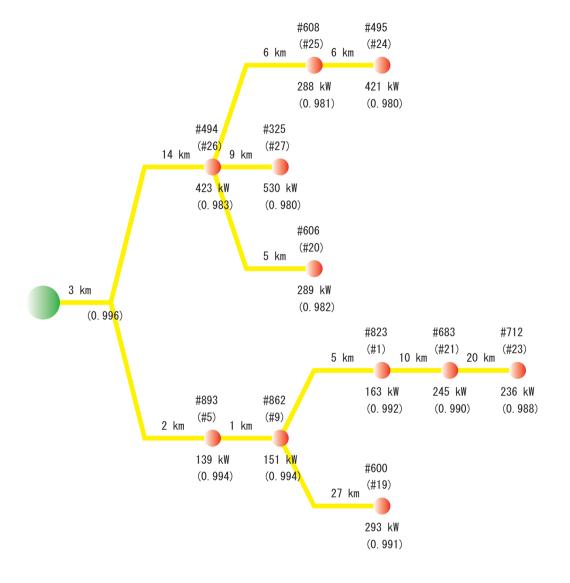
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The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

DL System at Mazabuka1 SS Feeder 2 (Package 2-5)

### [Package 2-6]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



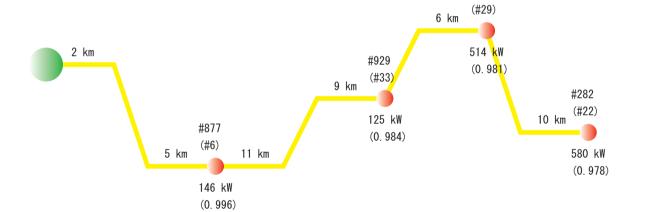
The Study for Development of the Rural Electrification Master Plan in Zambia



Title

Drawing No.

### [Package 3-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



#336

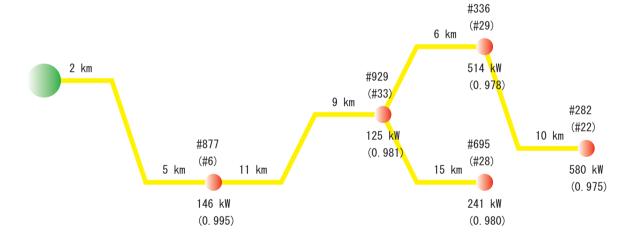
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.

### [Package 3-2]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



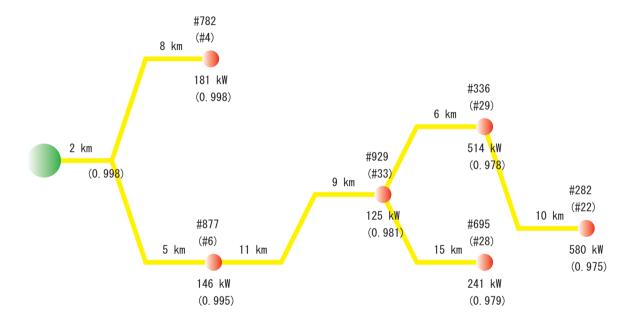
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-2)

### [Package 3-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

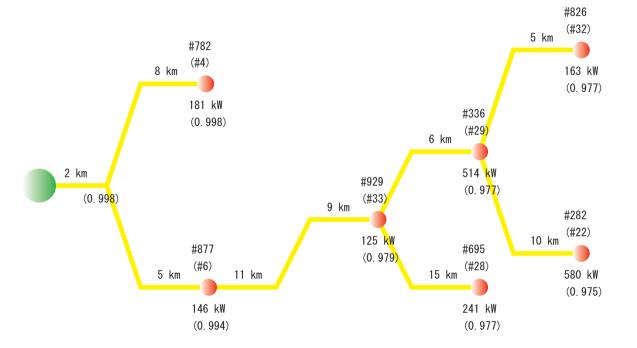
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 3 (Package 3-3)

### [Package 3-4]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant ( # X X ) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

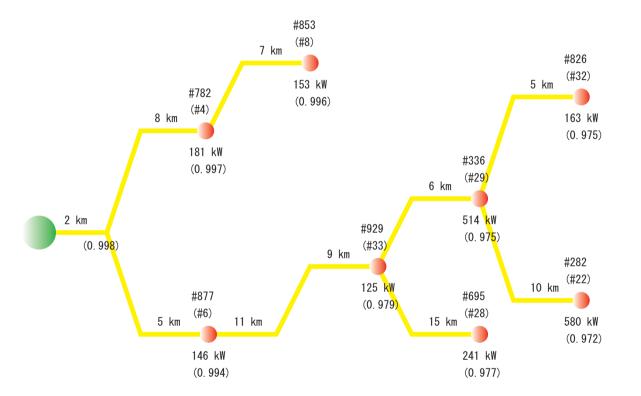
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mazabuka1 SS Feeder 3 (Package 3-4)

### [Package 3-5]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



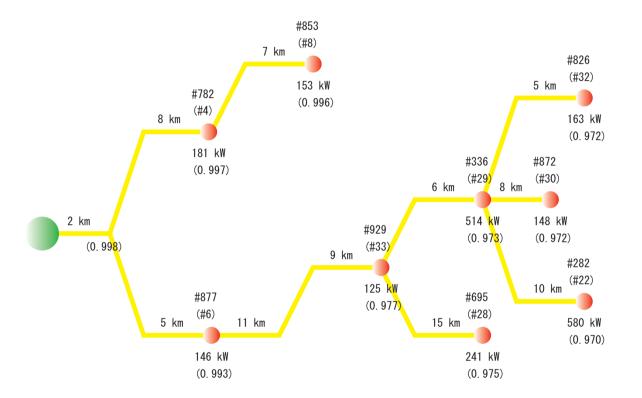
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-5)

### [Package 3-6]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X ( # X X ) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

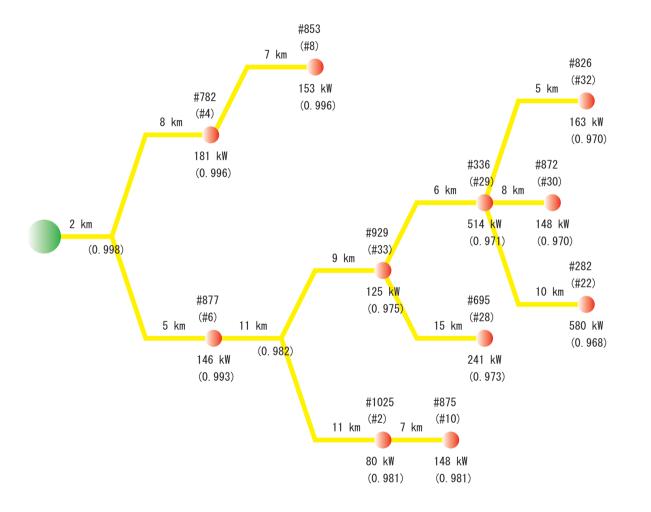
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-6)

### [Package 3-7]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

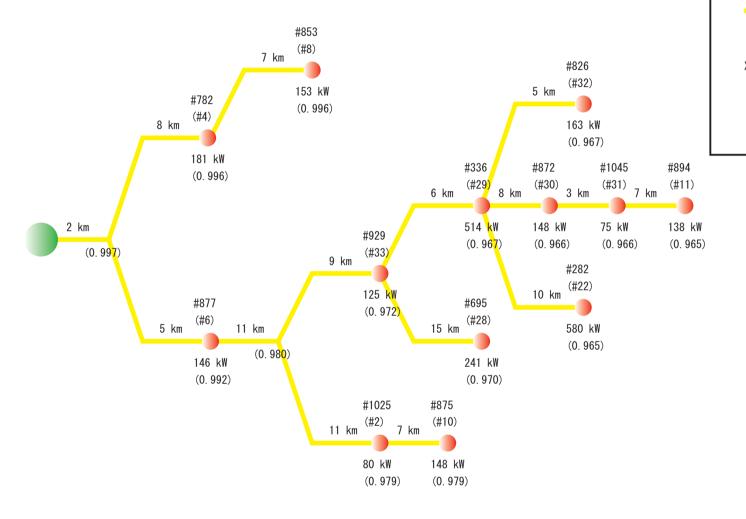
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-7)

### [Package 3-8]



# Legend

: Power Source (Substation)

: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

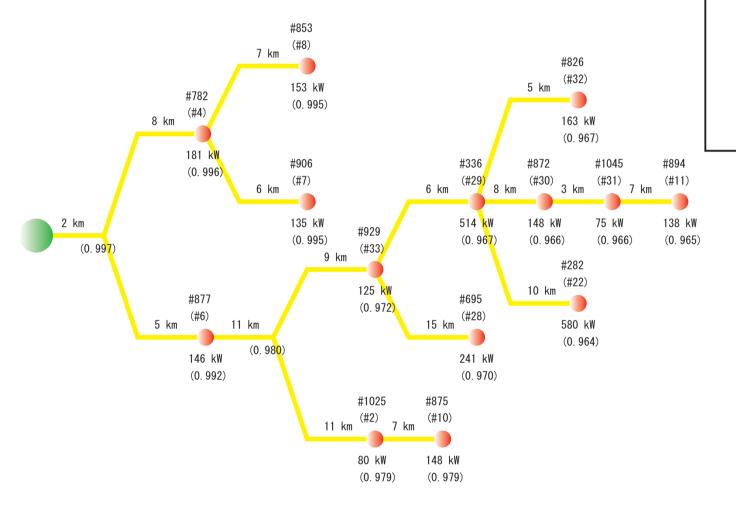
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-8)

#### [Package 3-9]



# Legend

: Power Source (Substation)

: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District ( # X X )

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

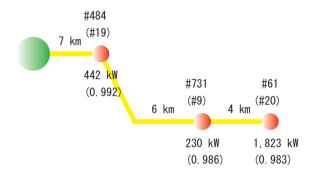
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mazabuka1 SS Feeder 3 (Package 3-9)

### [Package 1-1]







: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



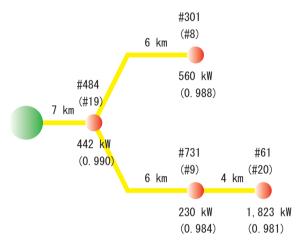
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



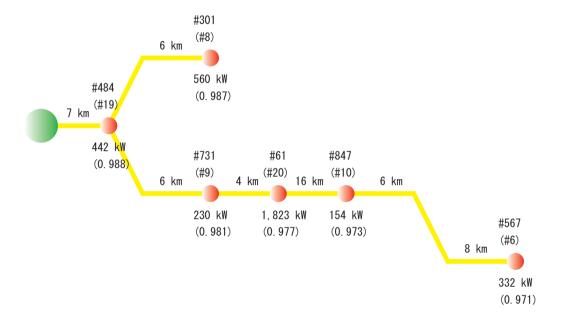
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



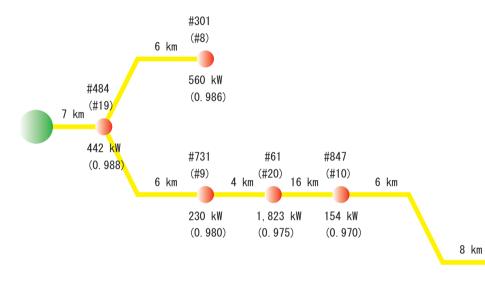
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



#567

332 kW

(0.967)

#783

(#1)

181 kW

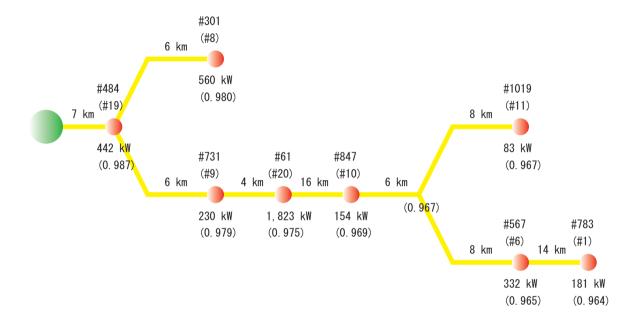
(0.966)

The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No. Title

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



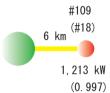
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mbereshi1 SS Feeder 1 (Package 1-5)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



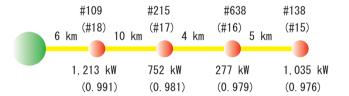
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 2 (Package 2-1)

### [Package 2-2]







: Power Source (Substation)



: RGC

= : 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

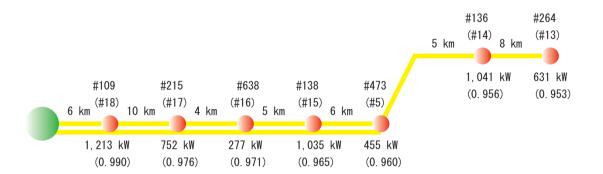
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mbereshi1 SS Feeder 2 (Package 2-3)

### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



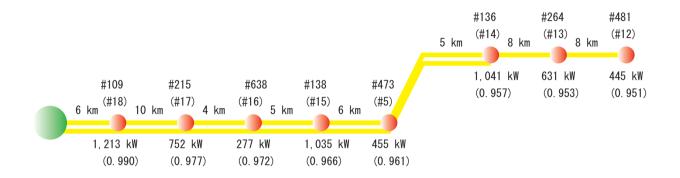
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mbereshi1 SS Feeder 2 (Package 2-4)

### [Package 2-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

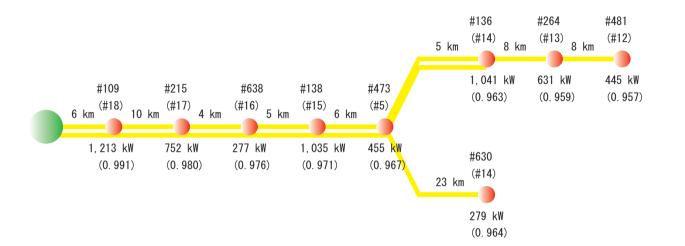
**Tokyo Electric Power Company** 

Title

Drawing No.

DL System at Mbereshi1 SS Feeder 2 (Package 2-5)

### [Package 2-6]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

Black: More than 0.95 Red : Less than 0.95

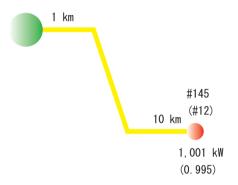
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mbereshi1 SS Feeder 2 (Package 2-6)

# [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

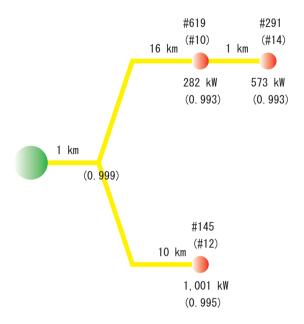
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mfuwe1 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



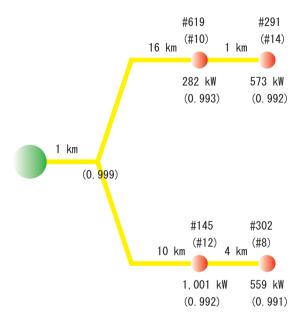
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mfuwe1 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

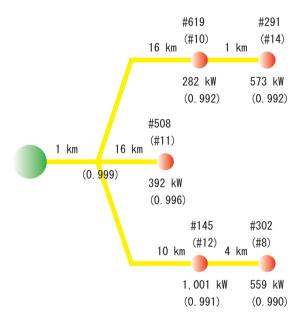
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mfuwe1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



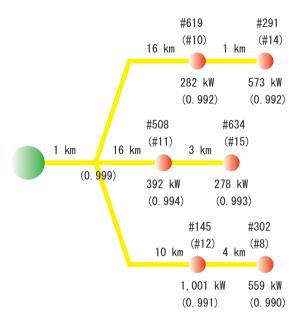
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mfuwe1 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



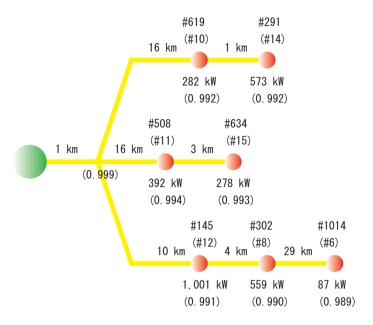
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mfuwe1 SS Feeder 1 (Package 1-5)

### [Package 1-6]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

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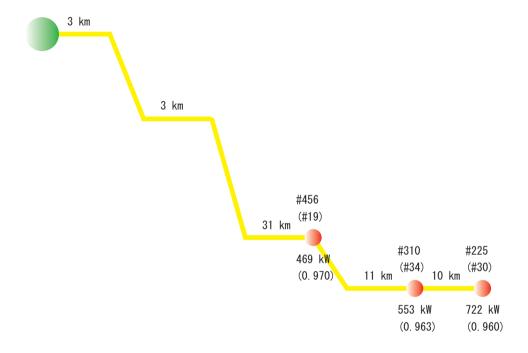
The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No. Title

> DL System at Mfuwe1 SS Feeder 1 (Package 1-6)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

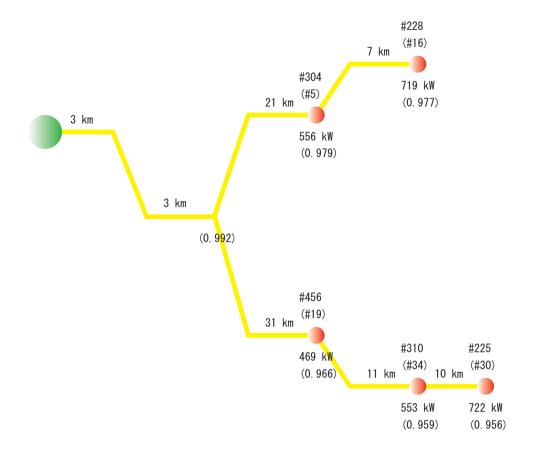
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu1 SS Feeder 1 (Package 1-1)

### [Package 1-2]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

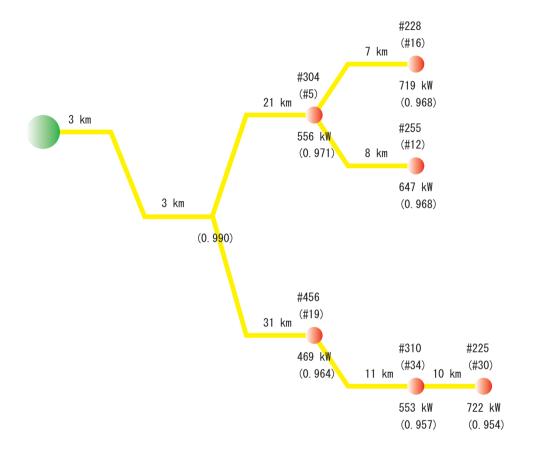
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mongu1 SS Feeder 1 (Package 1-2)

### [Package 1-3]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

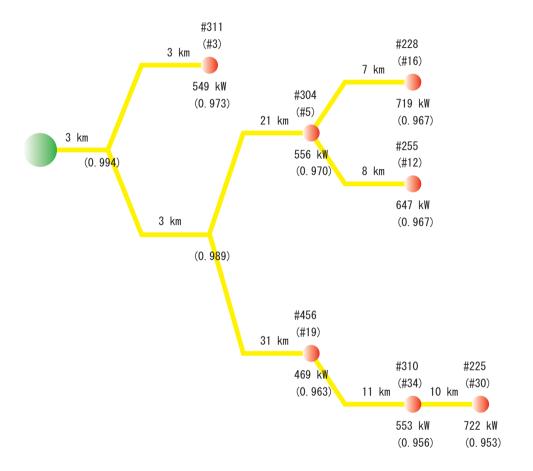
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mongu1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



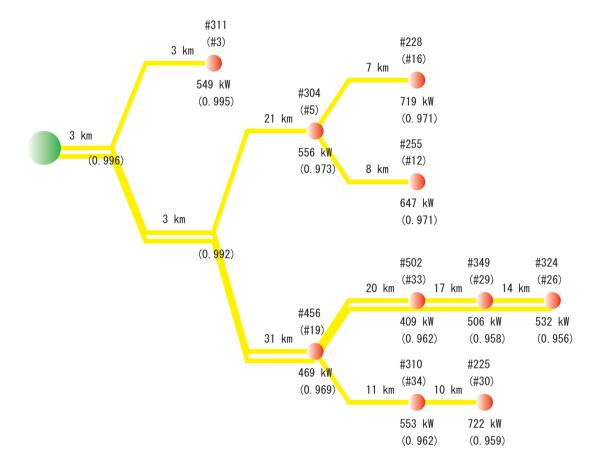
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mongu1 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



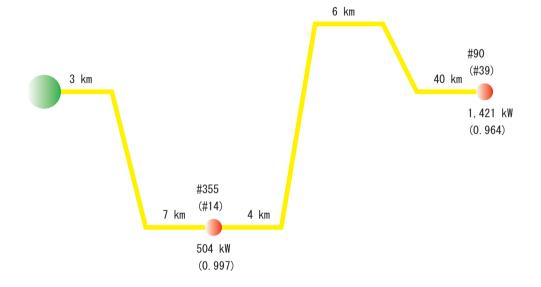
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

DL System at Mongu1 SS Feeder 1 (Package 1-5)

Drawing No.

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC



: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

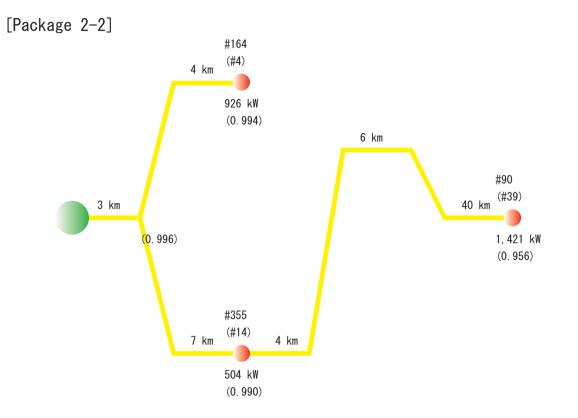


Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu1 SS Feeder 2 (Package 2-1)





: Power Source (Substation)



: RGC



# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

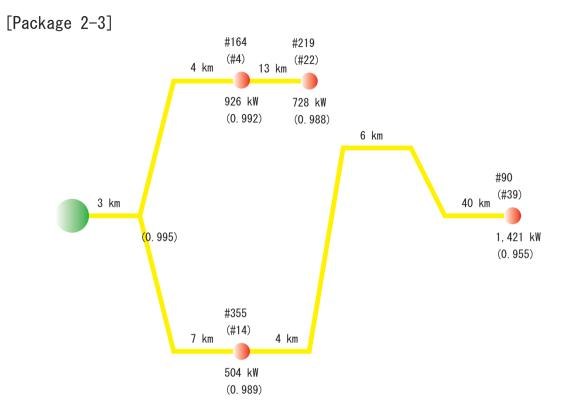
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mongu1 SS Feeder 2 (Package 2-2)





: Power Source (Substation)



: RGC



# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.

DL System at Mongu1 SS Feeder 2 (Package 2-3)

#### [Package 2-4] #164 #219 (#22)4 km 13 km 926 kW 728 kW (0.994)(0.989)6 km #90 40 km 3 km 1,421 kW (0.997)#263 (0.952)(#2)13 km 632 kW #355 #636 (0.976)(#31) 7 km 4 km 5 km 504 kW (0. 983) 278 kW (0.988)(0.980)2 km

# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

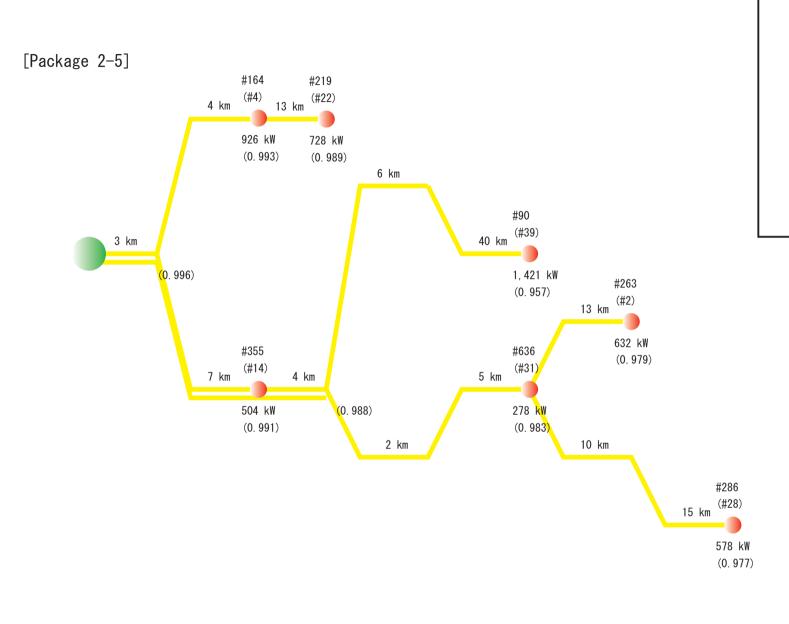
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Mongu1 SS Feeder 2 (Package 2-4)







: Power Source (Substation)



: RGC



: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



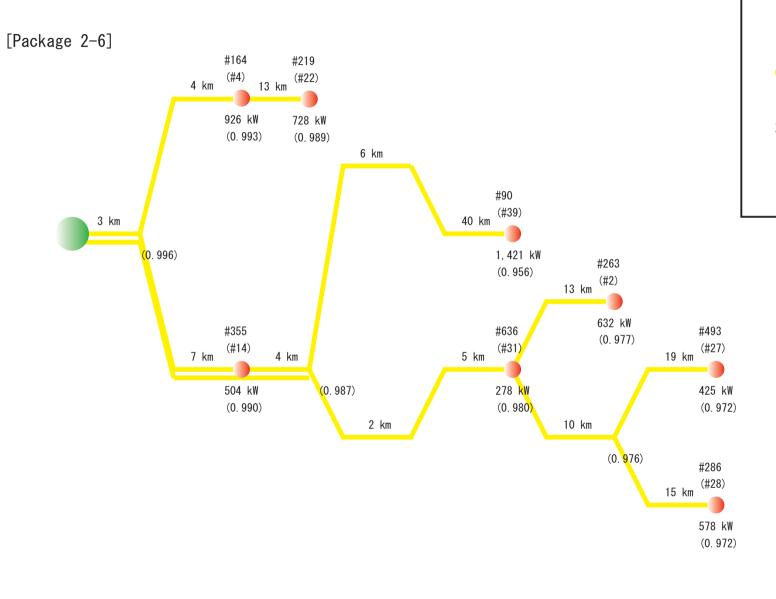
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mongu1 SS Feeder 2 (Package 2-5)





: Power Source (Substation)



: RGC



: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

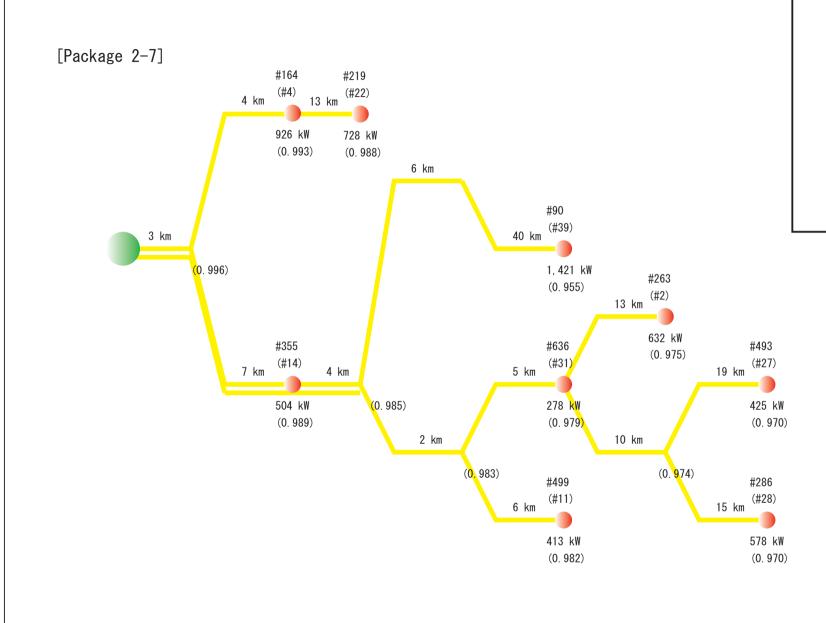
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Mongu1 SS Feeder 2 (Package 2-6)





: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

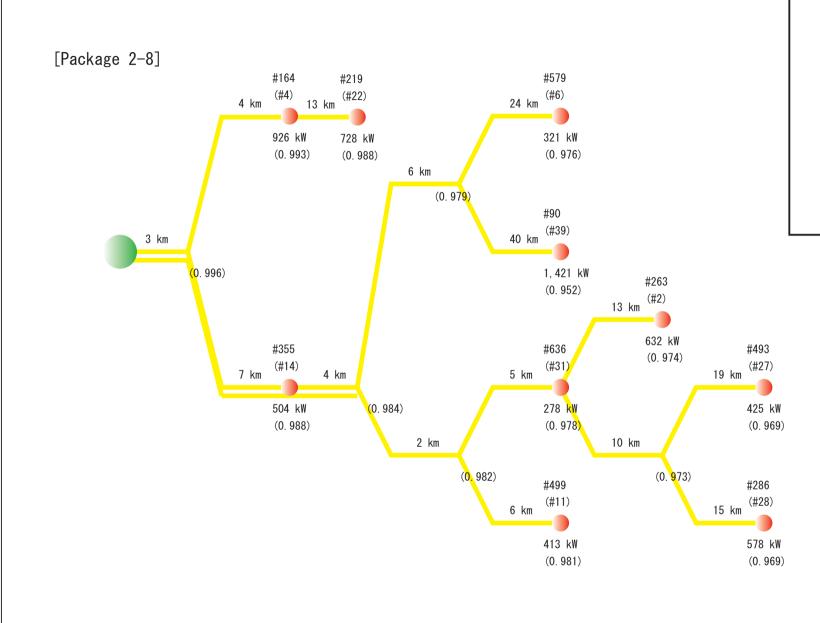
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Title

Drawing No.

DL System at Mongu1 SS Feeder 2 (Package 2-7)



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

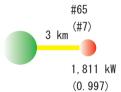
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu1 SS Feeder 2 (Package 2-8)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



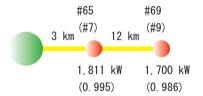
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



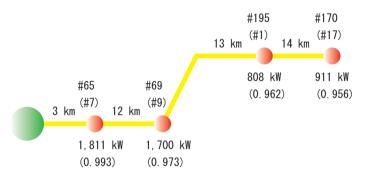
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



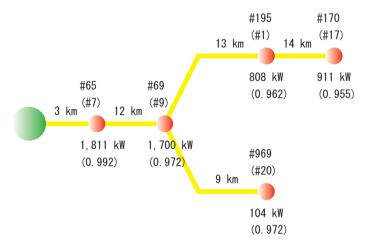
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



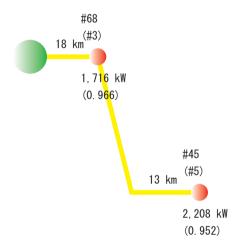
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 1 (Package 1-4)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



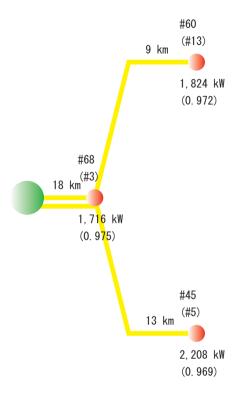
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 2 (Package 2-1)

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



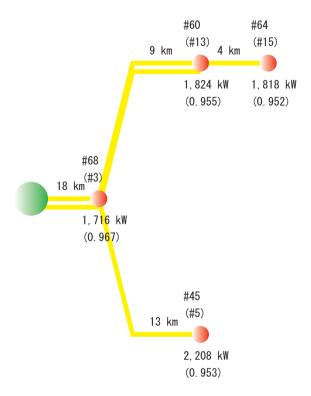
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



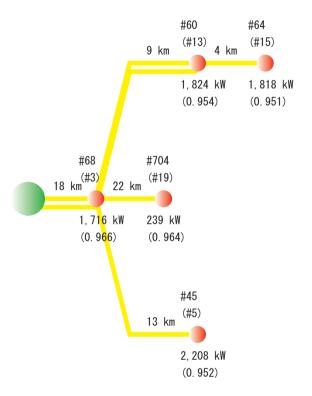
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 2 (Package 2-3)

### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Mongu2 SS Feeder 2 (Package 2-4)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

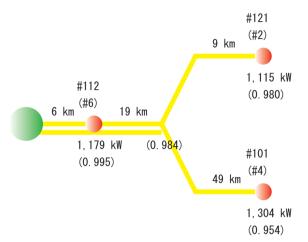
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika1 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika1 SS Feeder 1 (Package 1-2)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

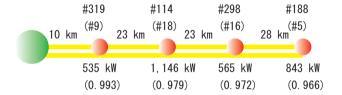
: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



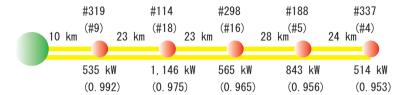
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



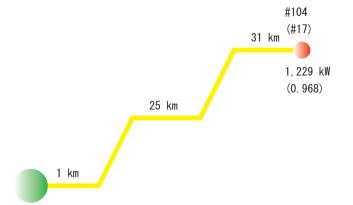
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika1 SS Feeder 2 (Package 2-3)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

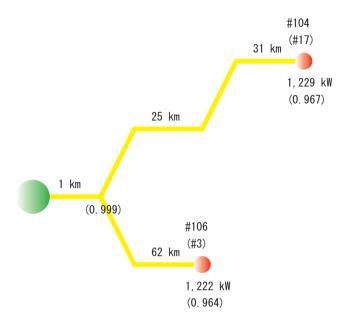
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika2 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

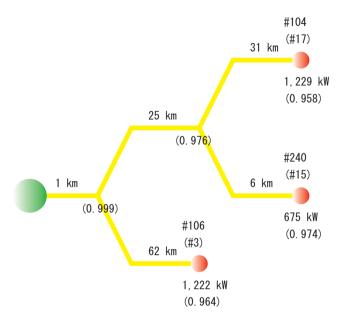
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika2 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



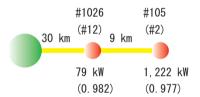
Tokyo Electric Power Company

Drawing No.

Title

DL System at Mpika2 SS Feeder 1 (Package 1-3)

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

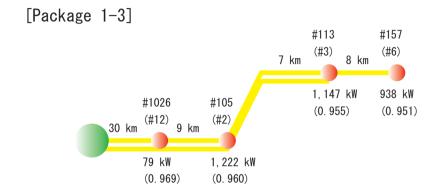
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma1 SS Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

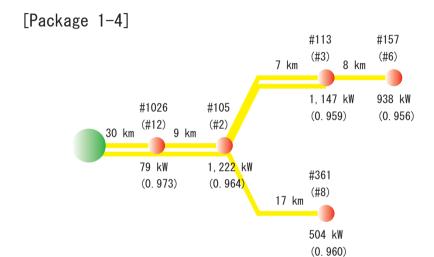


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Muzuma1 SS Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Title

#### [Package 1-5] #113 #157 (#6) 1,147 kW 938 kW #1026 #105 (0.954)(0.951) (#2) 30 km 79 kW 1, 2<mark>22</mark> kW #361 #362 (0.959)(0.969)(#8) 17 km 17 km 504 kW 504 kW (0.955)(0.953)

# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

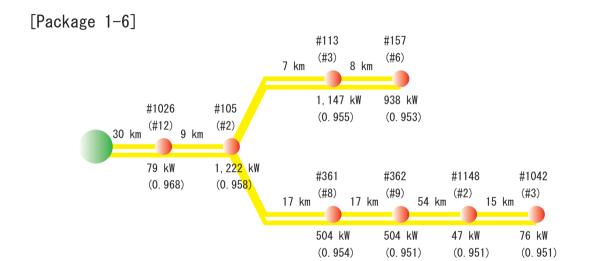
(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title



## Legend



: Power Source (Substation)



: RGC

: 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

Black: More than 0.95

Red : Less than 0.95

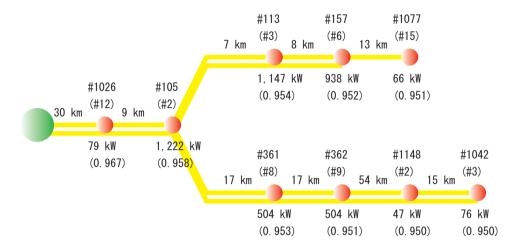


The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Title

### [Package 1-7]



## Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

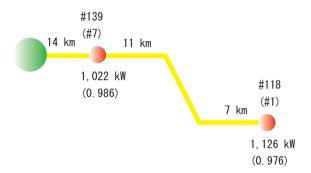
Title

Drawing No.

DL System at Muzuma1 SS Feeder 1 (Package 1-7)

The Study for Development of

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

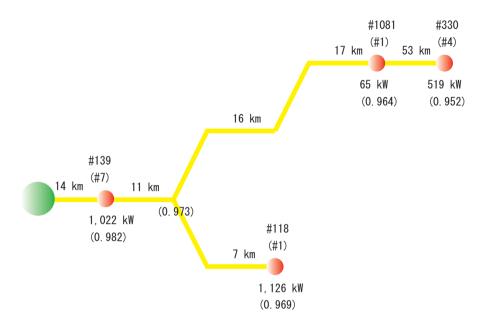
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



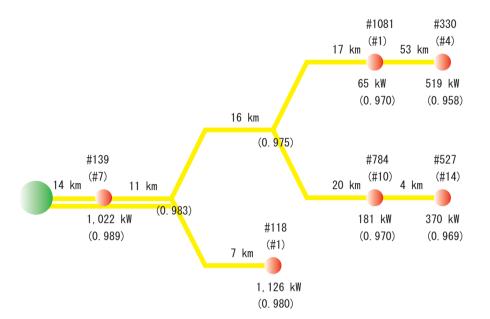
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

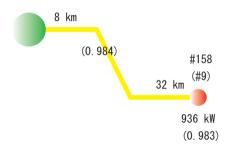
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Title

### [Package 3-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



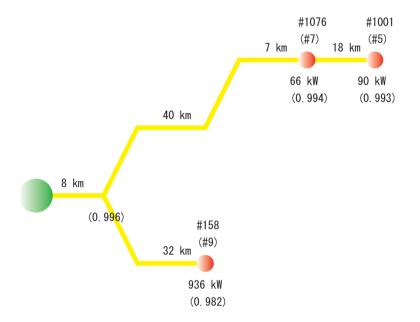
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma1 SS Feeder 3 (Package 3-1)

### [Package 3-2]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



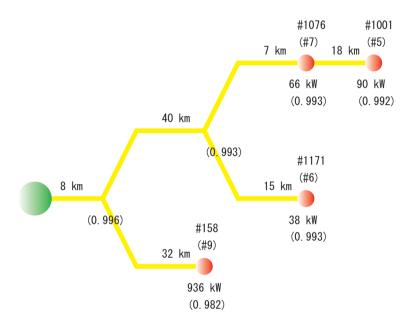
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma1 SS Feeder 3 (Package 3-2)

### [Package 3-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

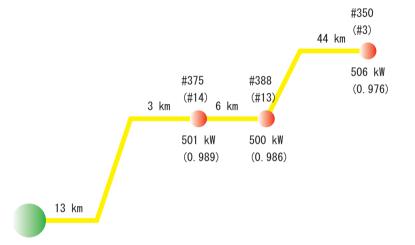
: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



the Rural Electrification Master Plan in Zambia

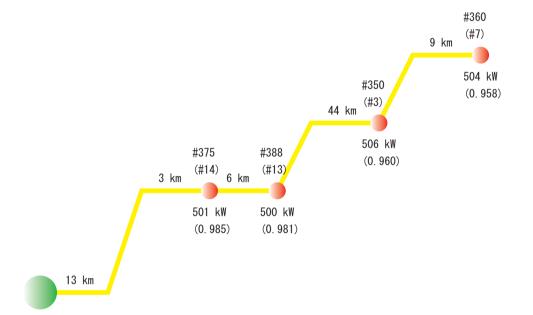
Tokyo Electric Power Company

Title

Drawing No.

DL System at Muzuma2 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

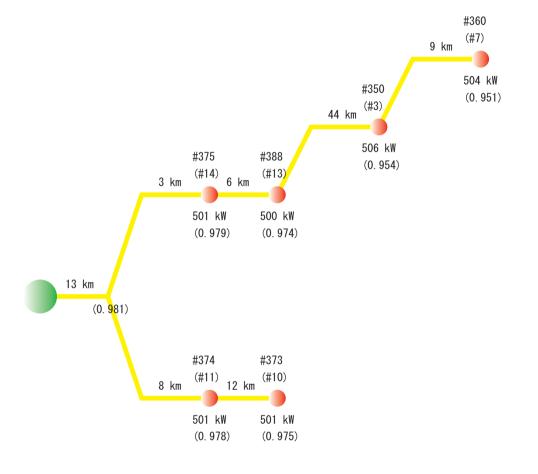
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma2 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

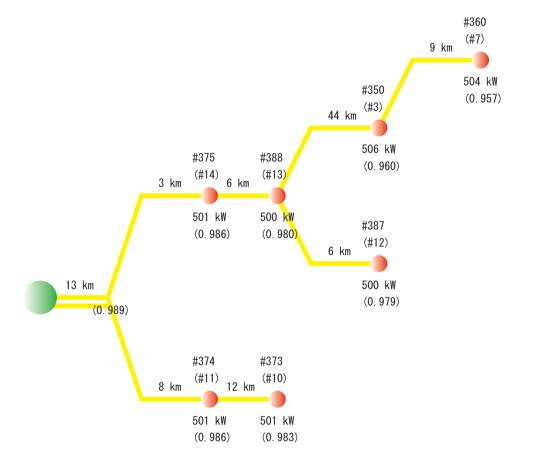
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Muzuma2 SS Feeder 1 (Package 1-3)

### [Package 1-4]







: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



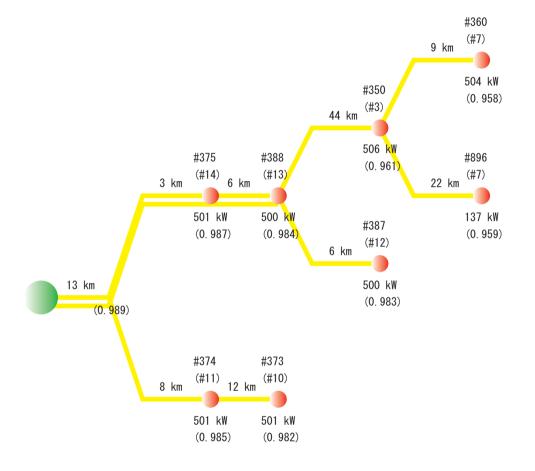
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Muzuma2 SS Feeder 1 (Package 1-4)

### [Package 1-5]



## Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Muzuma2 SS Feeder 1 (Package 1-5)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



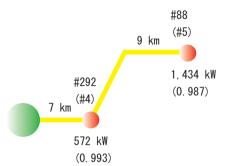
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma2 SS Feeder 2 (Package 2-1)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



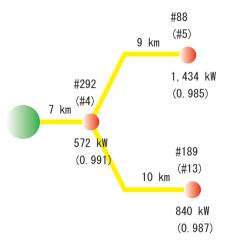
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



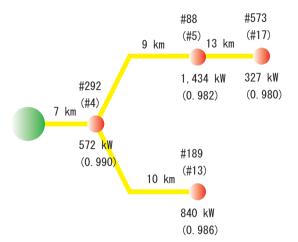
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



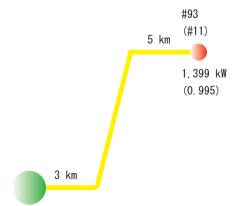
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 1 (Package 1-3)

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



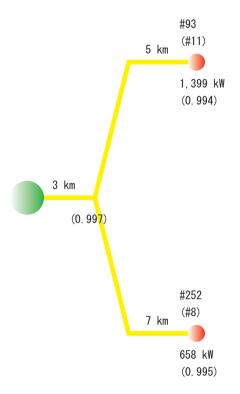
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-1)

#### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



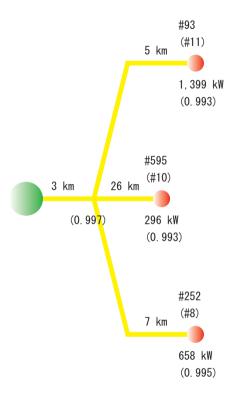
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-2)

#### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



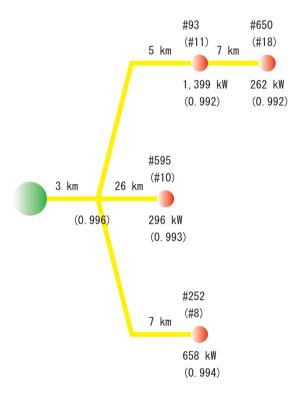
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-3)

#### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



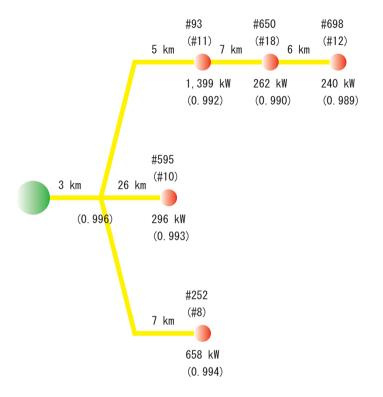
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-4)

#### [Package 2-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



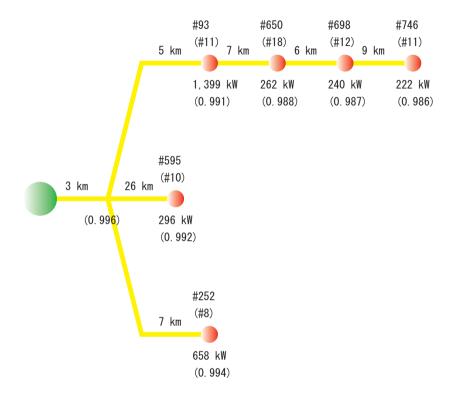
Tokyo Electric Power Company

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-5)

#### [Package 2-6]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Muzuma3 SS Feeder 2 (Package 2-6)

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



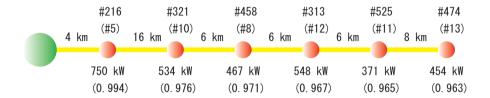
Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 1 (Package 1-2)

#### [Package 1-3]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

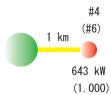
Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 1 (Package 1-3)

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

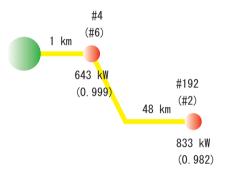
Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 2 (Package 2-1)

#### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



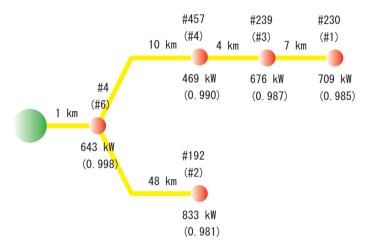
Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 2 (Package 2-2)

#### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



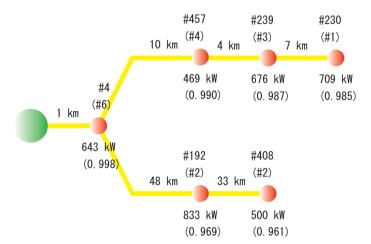
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No. Title

> DL System at Nchelenge1 SS Feeder 2 (Package 2-3)

#### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



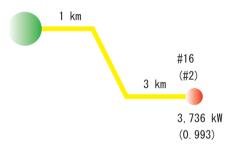
Tokyo Electric Power Company

Drawing No.

Title

DL System at Nchelenge1 SS Feeder 2 (Package 2-4)

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



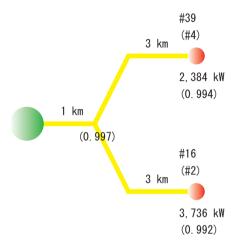
Tokyo Electric Power Company

Drawing No.

Title

DL System at Ndola1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



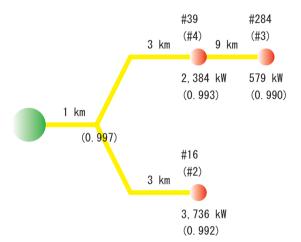
Tokyo Electric Power Company

Drawing No.

Title

DL System at Ndola1 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



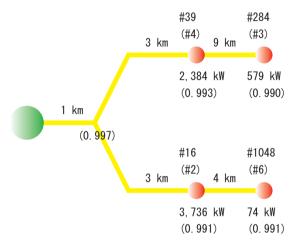
Tokyo Electric Power Company

Drawing No.

Title

DL System at Ndola1 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



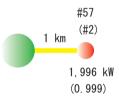
Tokyo Electric Power Company

Drawing No.

Title

DL System at Ndola1 SS Feeder 1 (Package 1-4)

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

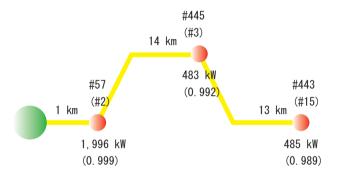


Drawing No.

Title

DL System at New SS at Mwinilunga1 Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

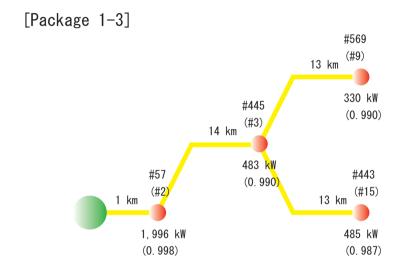


Tokyo Electric Power Company

Drawing No.

Title

DL System at New SS at Mwinilunga1 Feeder 1 (Package 1-2)



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

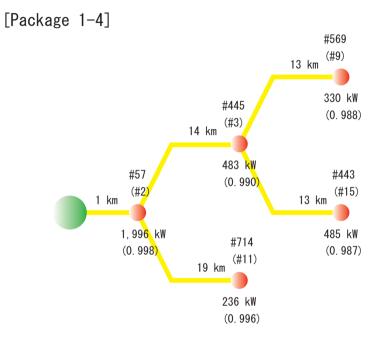
Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at New SS at Mwinilunga1 Feeder 1 (Package 1-3)



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

# [Package 1-1]

# 1 km 17 km 5 km #160 (#14) 12 km 930 kW (0.985)

# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

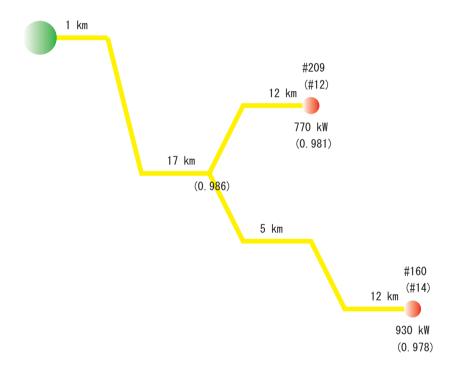
Tokyo Electric Power Company

Drawing No.

Title

DL System at New SS at Zambezi1 Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

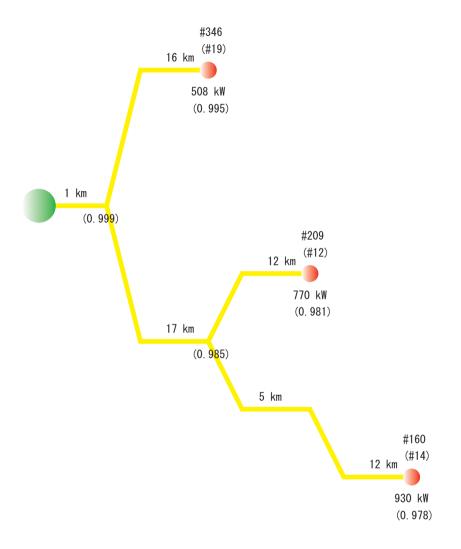
Tokyo Electric Power Company

Drawing No.

Title

DL System at New SS at Zambezi1 Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

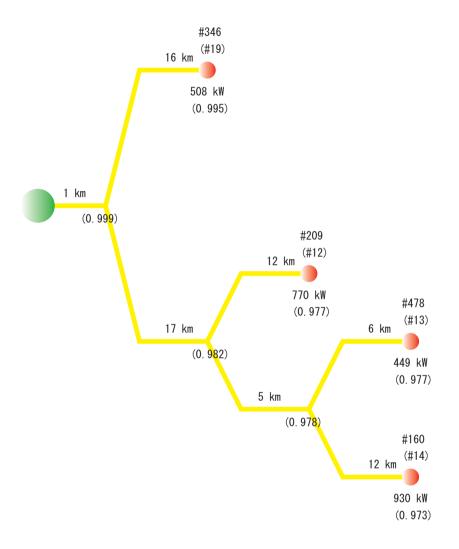
Tokyo Electric Power Company

Drawing No.

Title

DL System at New SS at Zambezi1 Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

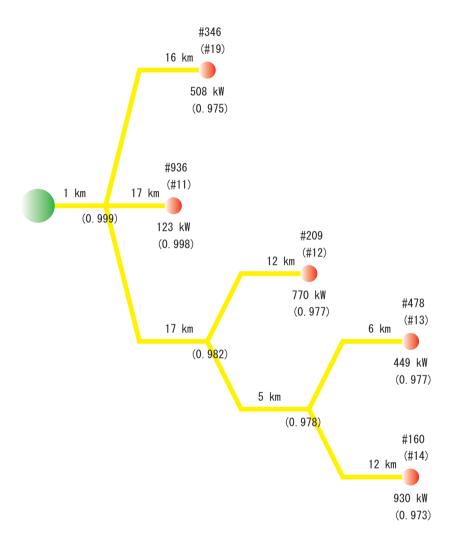
Tokyo Electric Power Company

Drawing No.

Title

DL System at New SS at Zambezi1 Feeder 1 (Package 1-4)

#### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

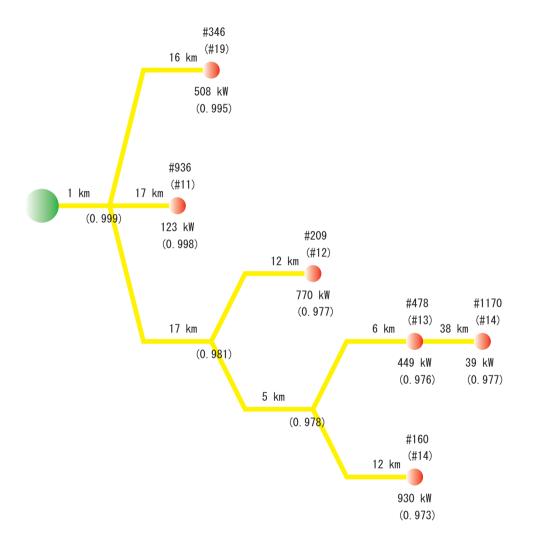
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at New SS at Zambezi1 Feeder 1 (Package 1-5)

#### [Package 1-6]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

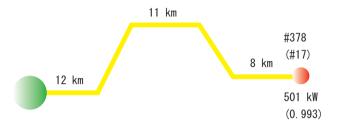
XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

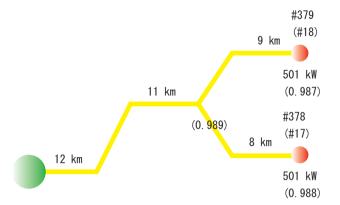
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



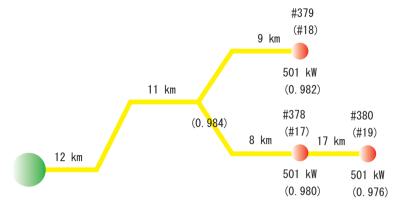
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

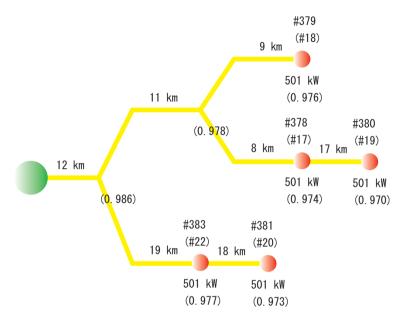
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

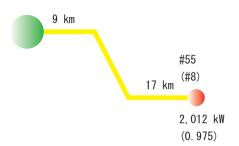
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

DL System at Pensulo1 SS Feeder 1 (Package 1-4)

#### [Package 2-1]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



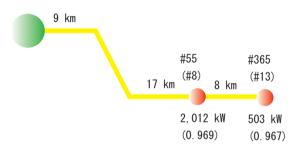
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 2 (Package 2-1)

#### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



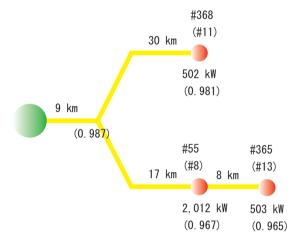
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 2 (Package 2-2)

#### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



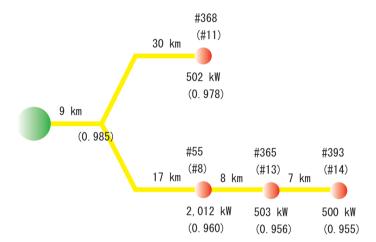
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 2 (Package 2-3)

#### [Package 2-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



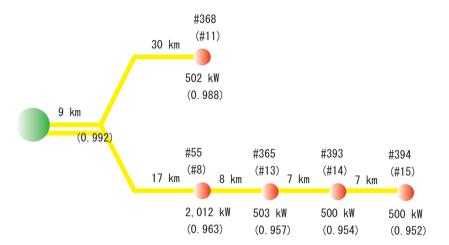
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 2 (Package 2-4)

#### [Package 2-5]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo1 SS Feeder 2 (Package 2-5)

### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo2 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



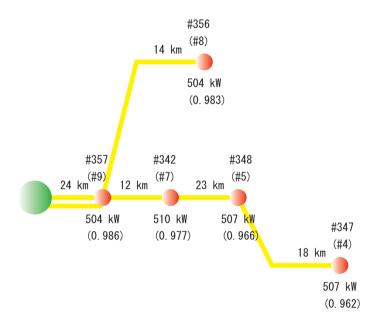
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo2 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



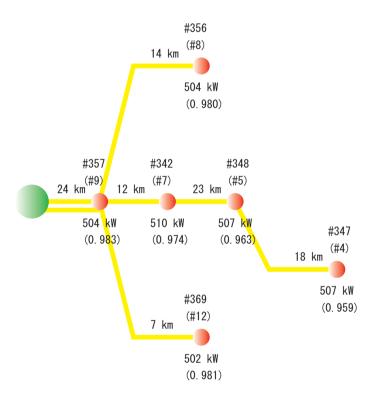
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo2 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



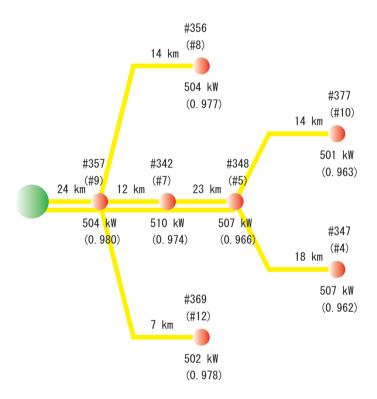
Tokyo Electric Power Company

Drawing No.

Title

DL System at Pensulo2 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



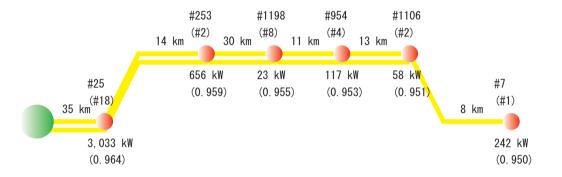
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Title

Drawing No.

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

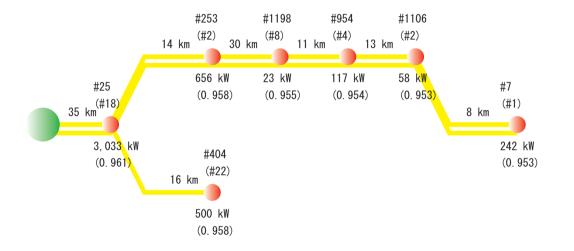
Tokyo Electric Power Company

Title

Drawing No.

DL System at Pensulo2 SS Feeder 2 (Package 2-1)

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

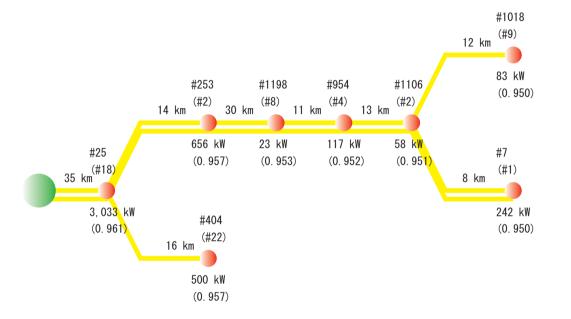


The Study for Development of the Rural Electrification Master Plan in Zambia



Drawing No.

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



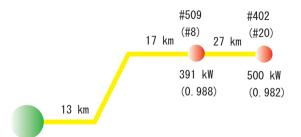
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Pensulo2 SS Feeder 2 (Package 2-3)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

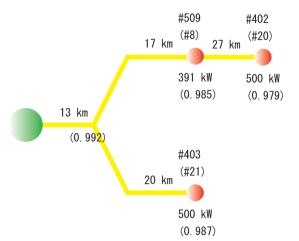
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya1 SS Feeder 1 (Package 1-1)

### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

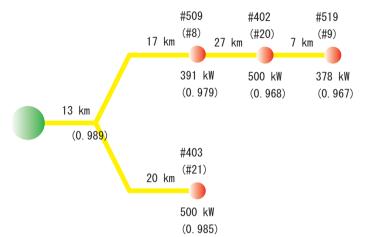
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya1 SS Feeder 1 (Package 1-2)

### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya1 SS Feeder 1 (Package 1-3)

### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

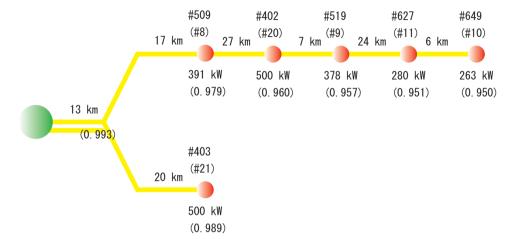
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Samfya1 SS Feeder 1 (Package 1-4)

### [Package 1-5]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

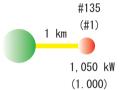
Tokyo Electric Power Company

Title

Drawing No.

DL System at Samfya1 SS Feeder 1 (Package 1-5)

### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

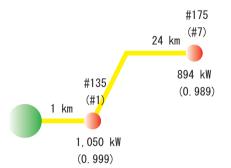
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya1 SS Feeder 2 (Package 2-1)

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

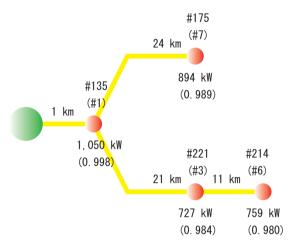
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya1 SS Feeder 2 (Package 2-2)

### [Package 2-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

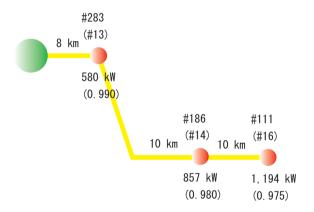


Title

Drawing No.

DL System at Samfya1 SS Feeder 2 (Package 2-3)

#### [Package 1-1]







: Power Source (Substation)



: RGC

== : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



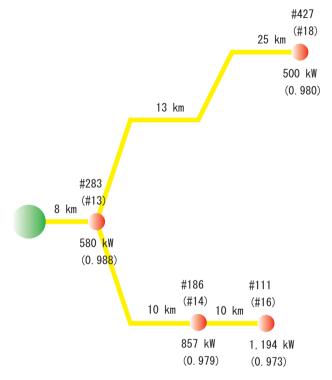
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya2 SS Feeder 1 (Package 1-1)

# [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



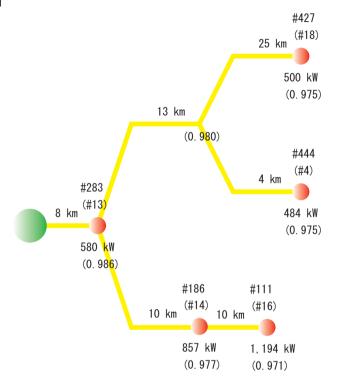
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya2 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia

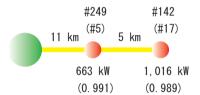
Title

Drawing No.

DL System at Samfya2 SS

Feeder 1 (Package 1-3)

#### [Package 2-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



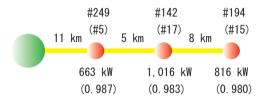
Tokyo Electric Power Company

Drawing No.

Title

DL System at Samfya2 SS Feeder 2 (Package 2-1)

### [Package 2-2]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

#XX : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

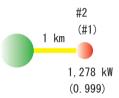
Title

Drawing No.

DL System at Samfya2 SS Feeder 2 (Package 2-2)

The Study for Development of

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

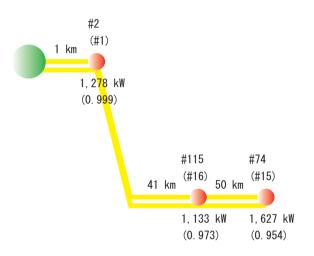
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]







: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

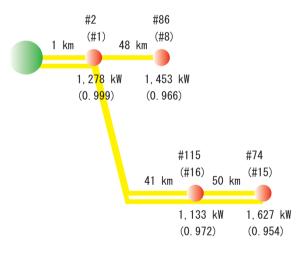
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [Package 1-3]







: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



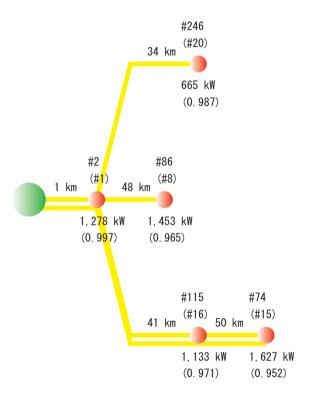
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.

#### [Package 1-4]







: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



The Study for Development of the Rural Electrification Master Plan in Zambia



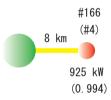
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga1 SS Feeder 1 (Package 1-4)

[Package 1-1]





: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



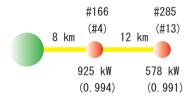
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga2 SS Feeder 1 (Package 1-1)

#### [Package 1-2]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga2 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

== : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

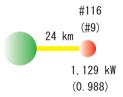


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

[Package 2-1]





: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

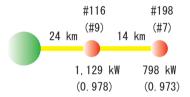
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Senanga2 SS Feeder 1 (Package 2-1)

[Package 2-2]





: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

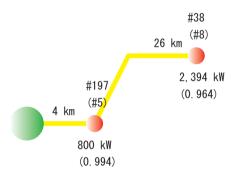
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga2 SS Feeder 1 (Package 2-2)

#### [Package 1-1]







: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



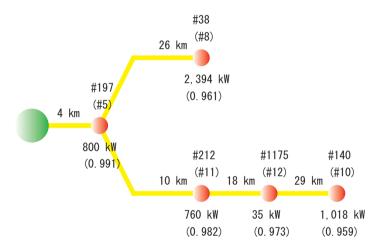
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga3 SS Feeder 1 (Package 1-1)

#### [Package 1-2]







: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

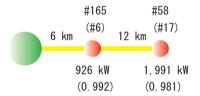


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

[Package 2-1]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



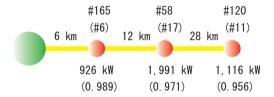
Tokyo Electric Power Company

Drawing No.

Title

DL System at Senanga3 SS Feeder 2 (Package 2-1)

[Package 2-2]







: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

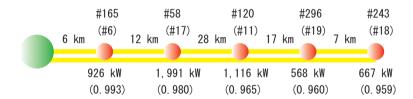
Tokyo Electric Power Company

Title

Drawing No.

DL System at Senanga3 SS Feeder 2 (Package 2-2)

[Package 2-3]





: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

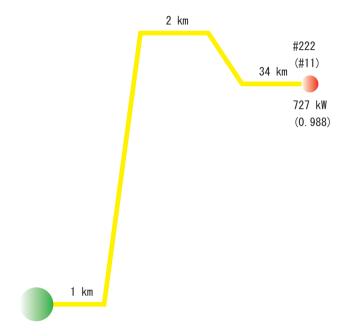
Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

#### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia



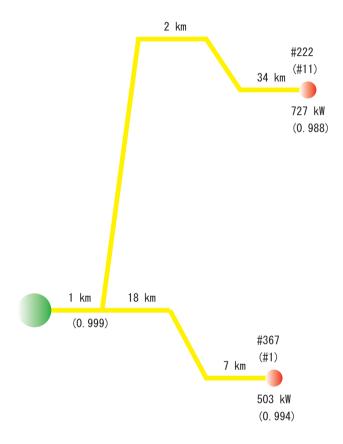
Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

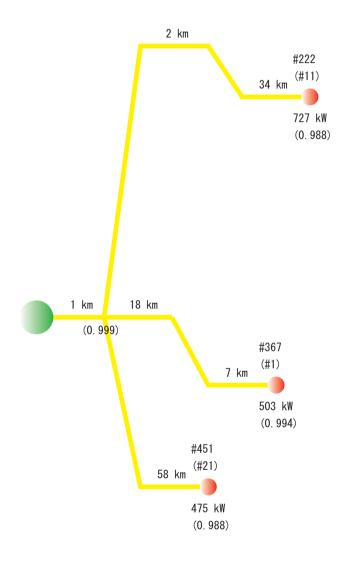
Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



# Legend



: Power Source (Substation)



: RGC

= : 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

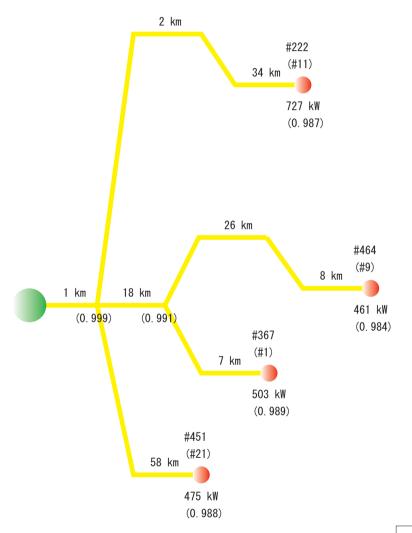
Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



# Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

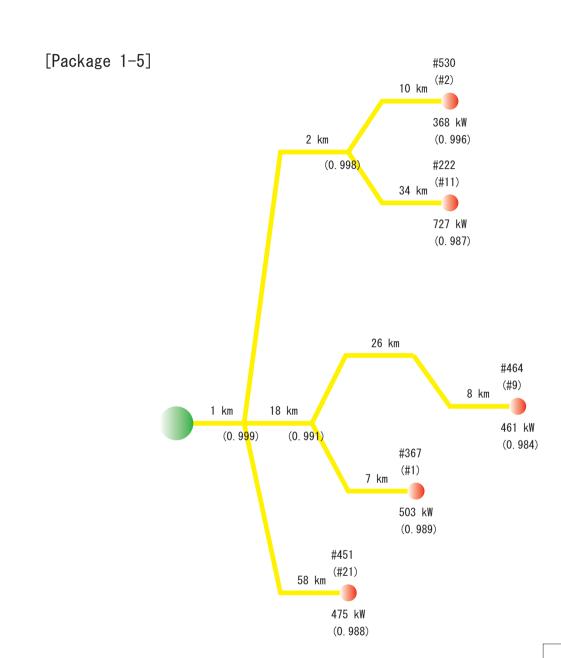


Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-4)





: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

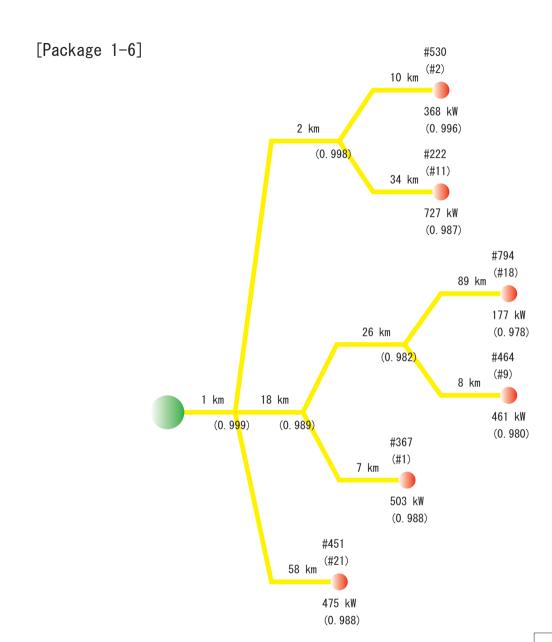
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-5)





: Power Source (Substation)



: RGC

= : 33kV DL

: Priority by Consultant # X X : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

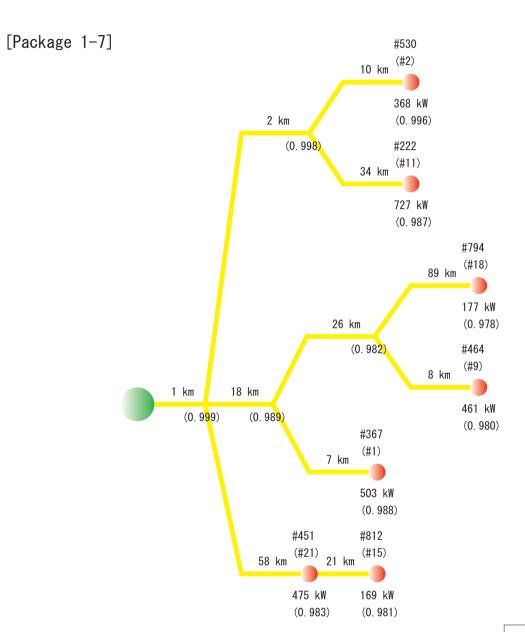
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Sesheke1 SS Feeder 1 (Package 1-6)





: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

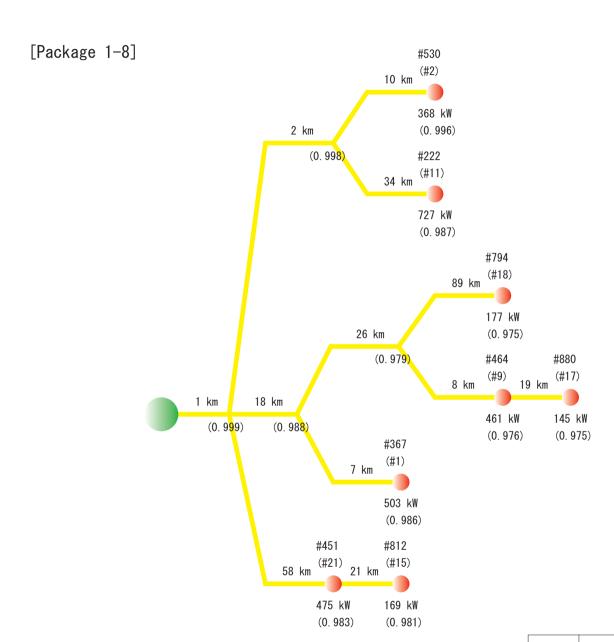
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-7)





: Power Source (Substation)



: RGC

\_\_ : 33kV DL

#XX : Priority by Consultant
(#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.)

Black: More than 0.95 Red : Less than 0.95



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B

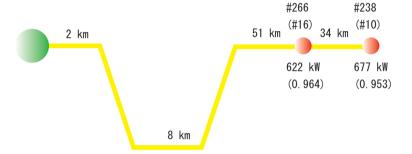
Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke1 SS Feeder 1 (Package 1-8)

### [Package 1-1]



# Legend



: Power Source (Substation)



: RGC

: 33kV DL

# X X : Priority by Consultant (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



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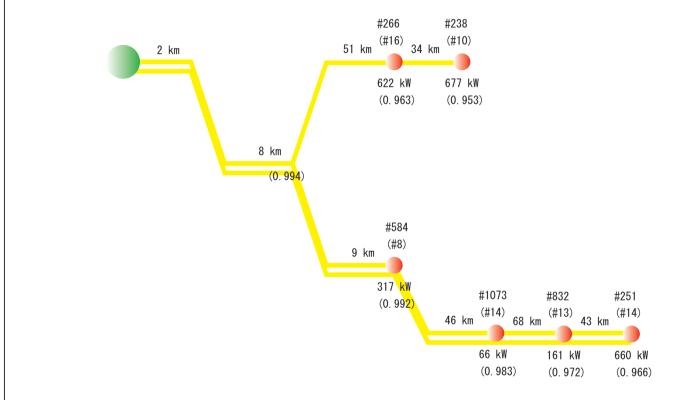
Tokyo Electric Power Company

Drawing No.

Title

DL System at Sesheke2 SS Feeder 1 (Package 1-1)

#### [Package 1-2]



### Legend



: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



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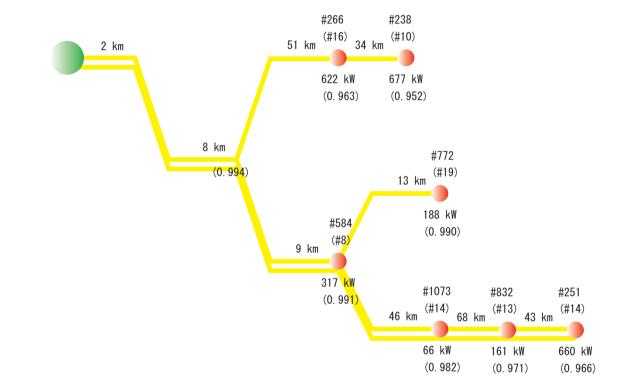
**Tokyo Electric Power Company** 

Title

Drawing No.

DL System at Sesheke2 SS Feeder 1 (Package 1-2)

#### [Package 1-3]



### Legend



: Power Source (Substation)



: RGC

: 33kV DL

: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

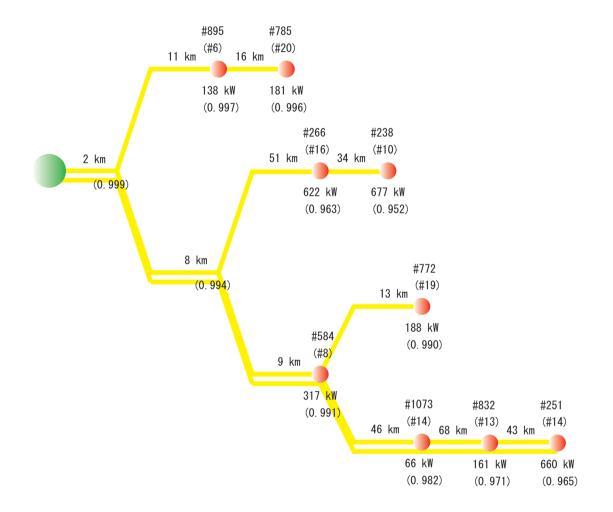
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Title

Drawing No.

DL System at Sesheke2 SS Feeder 1 (Package 1-3)

#### [Package 1-4]



### Legend



: Power Source (Substation)



: RGC



: Priority by Consultant # X X (#XX) : Priority by Each District

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95



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**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Sesheke2 SS Feeder 1 (Package 1-4)