パッケージ別単線図: 既設変電所からの延伸

#### [Package 1-1]



## 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

(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



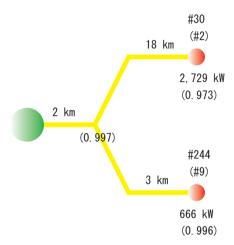
Tokyo Electric Power Company

Drawing No.

Title

DL System at Azele 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

: 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 Azele 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 Azele 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

(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

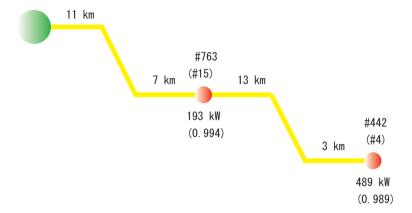
Tokyo Electric Power Company

Drawing No.

Title

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

#### [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



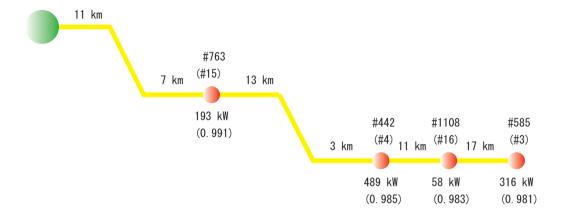
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chilundu 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

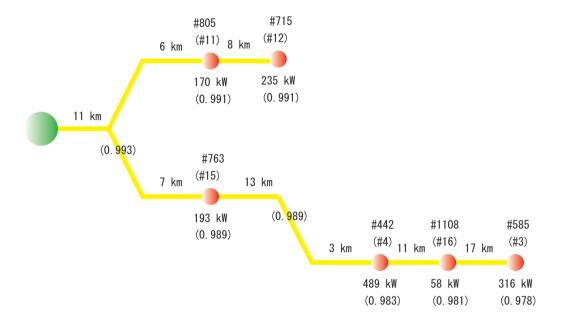
Tokyo Electric Power Company

Drawing No. Title

DL System at Chilundu 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



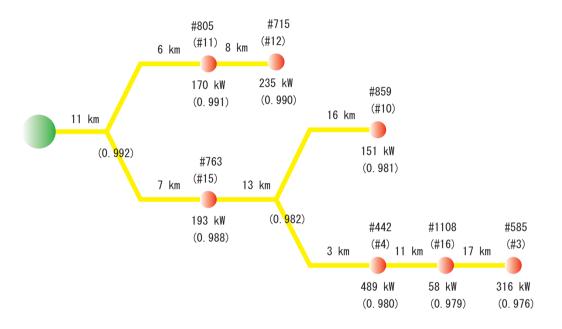
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

## [Package 2-1] 19 km #927 (#10) 3 km 126 <mark>k</mark>W (0.995)8 km 36 km #1040 #554 76 kW 348 kW (0.986)(0.984)

## 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 Chilundu 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



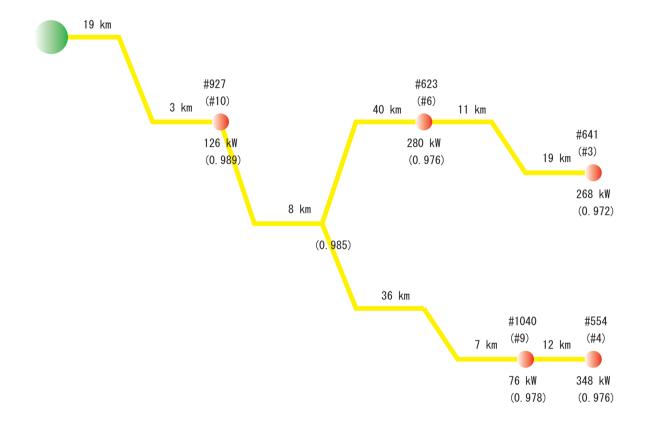
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Chilundu 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

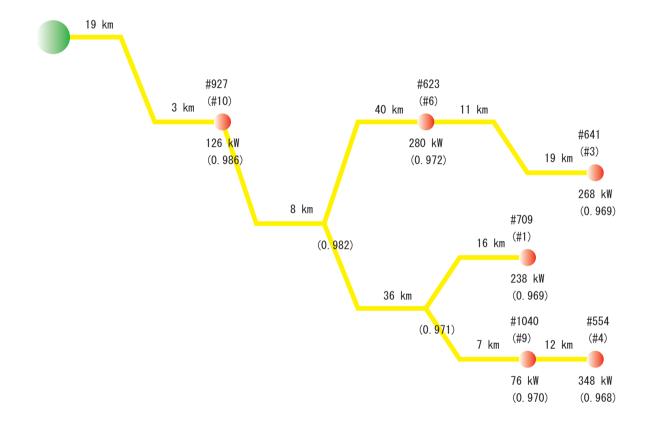
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chilundu 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

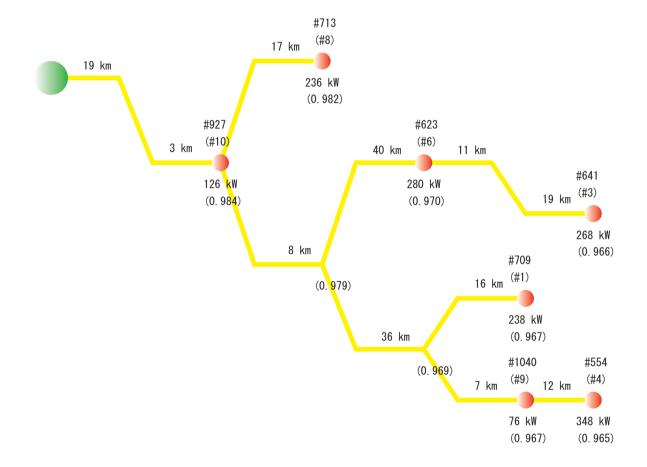


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

## [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

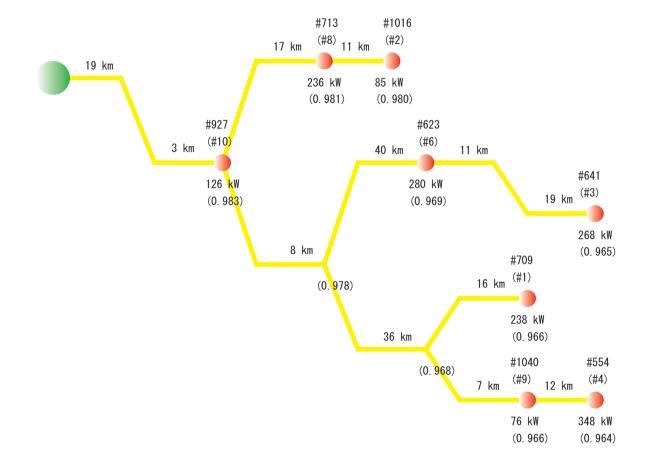
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chilundu 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



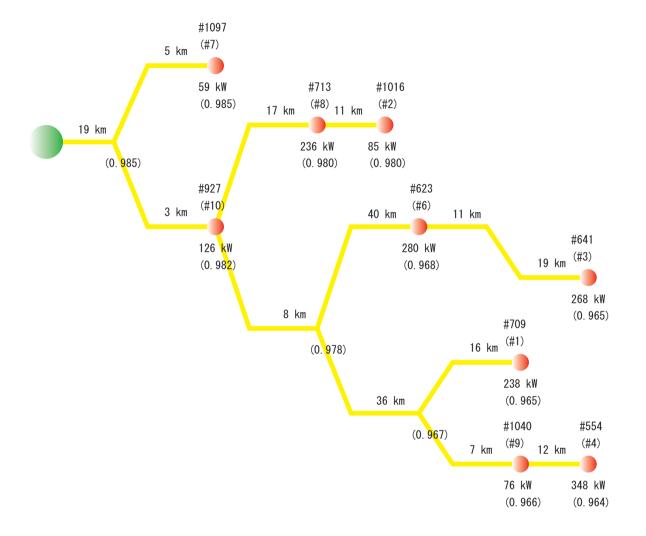
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No. Title

> DL System at Chilundu SS Feeder 2 (Package 2-6)

## [Package 2-7]



## 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

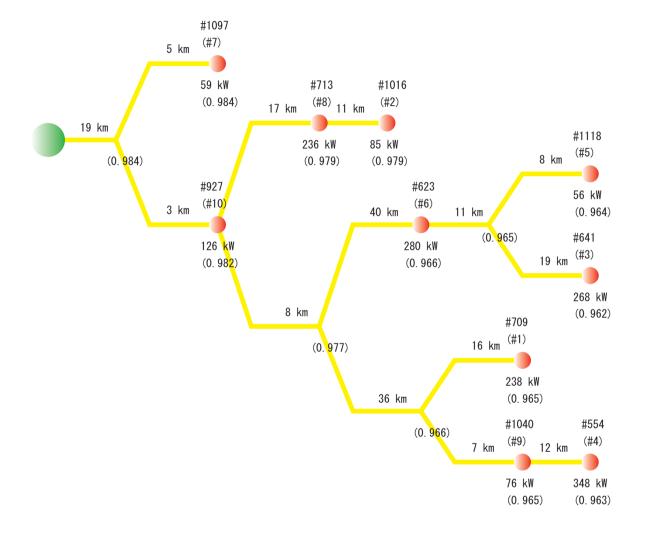


The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No. Title

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

## [Package 2-8]



## Legend



: 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



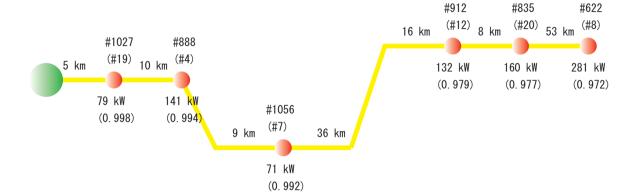
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

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

#### [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



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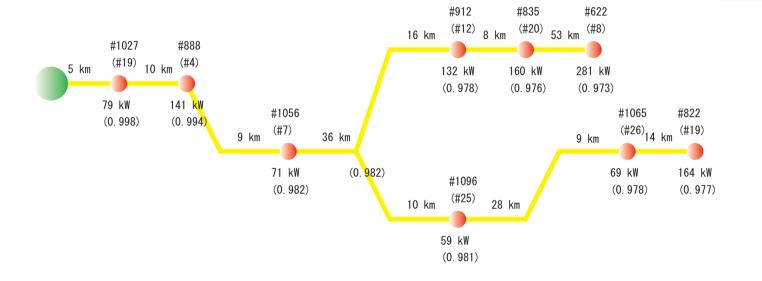
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chinsali 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

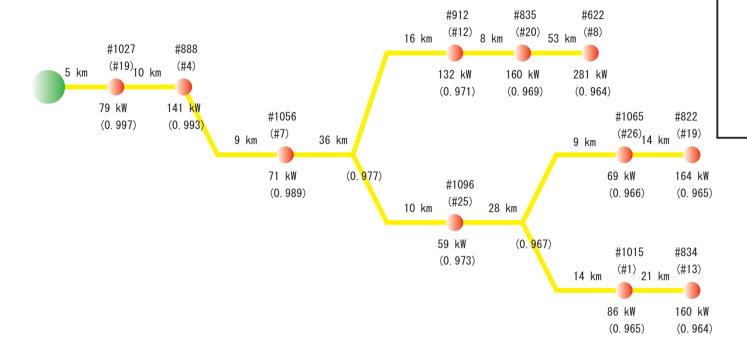
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Chinsali 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

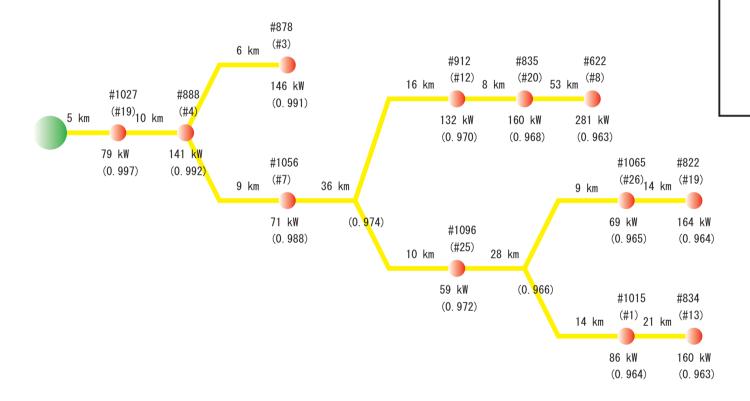
the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Chinsali 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

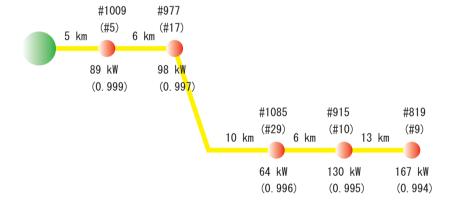
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Chinsali 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

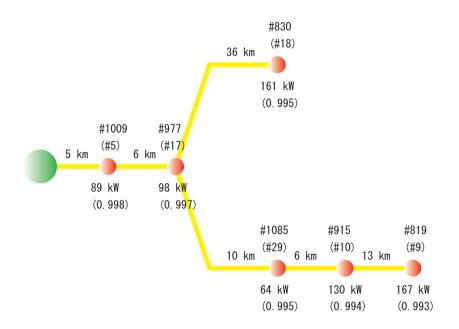
Tokyo Electric Power Company

Title

Drawing No.

DL System at Chinsali 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



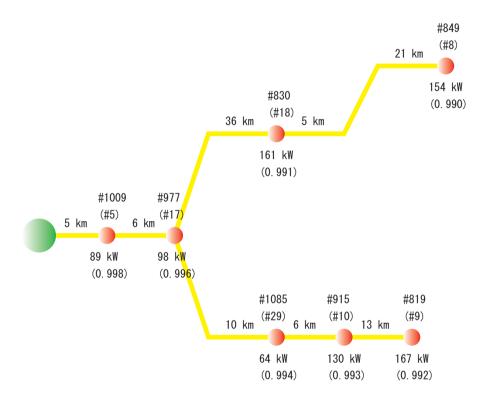
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chinsali 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



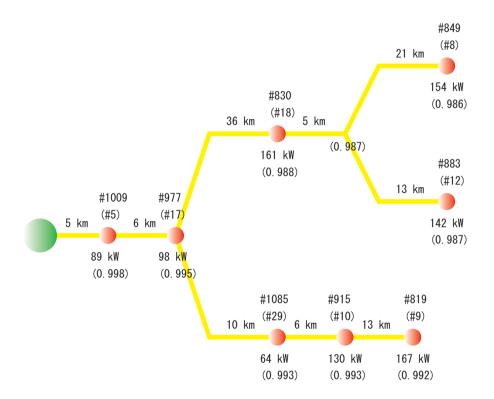
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chinsali 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

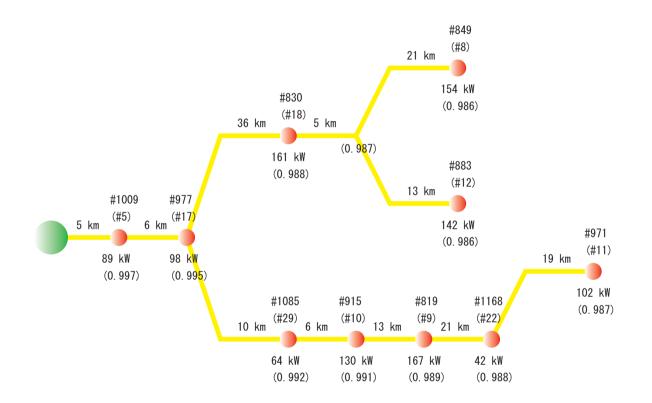
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chinsali 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)

: 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

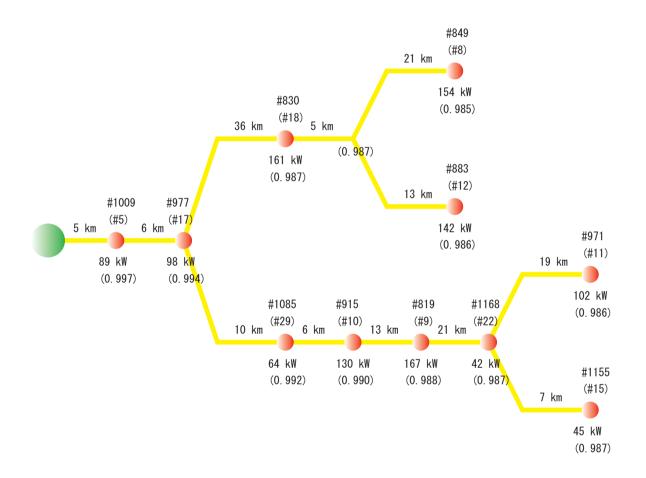


**Tokyo Electric Power Company** 

Drawing No. Title

DL System at Chinsali 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

**Tokyo Electric Power Company** 

Drawing No.

Title

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

## [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

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



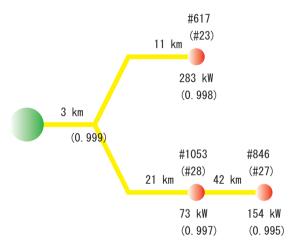
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chinsali 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



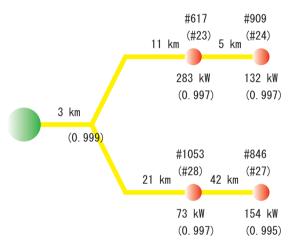
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chinsali 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

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

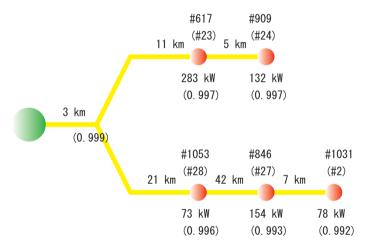
Drawing No.

DL System at Chinsali SS

Feeder 3 (Package 3-3)

Tokyo Electric Power Company

## [Package 3-4]



## 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

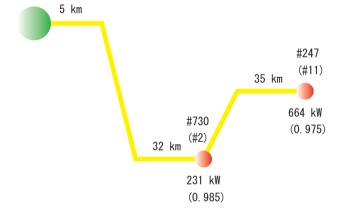
Tokyo Electric Power Company

Drawing No.

Title

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

## [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



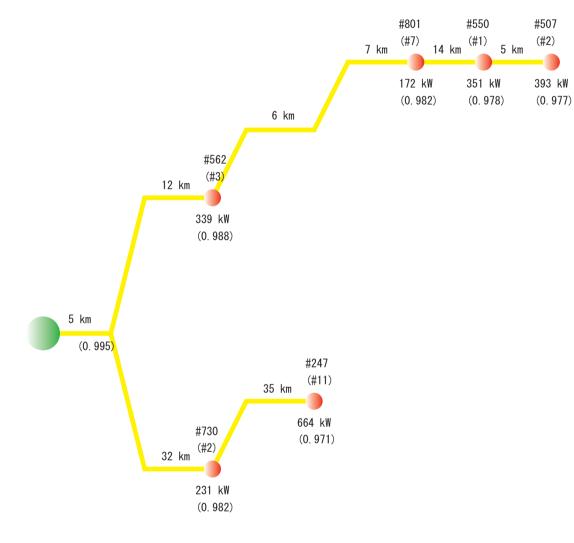
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipata 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

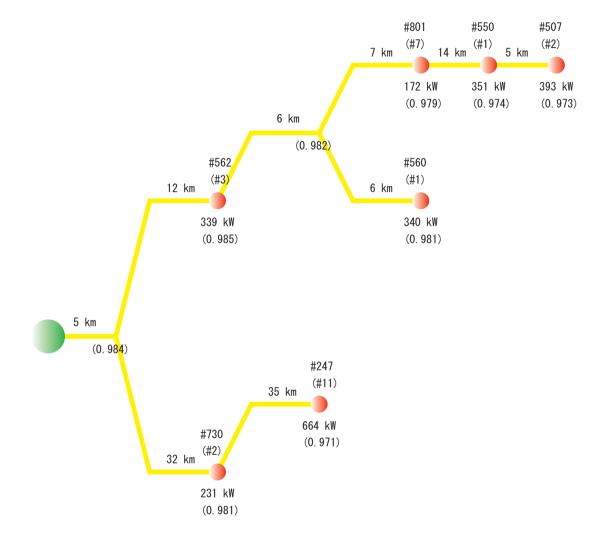
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chipata 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

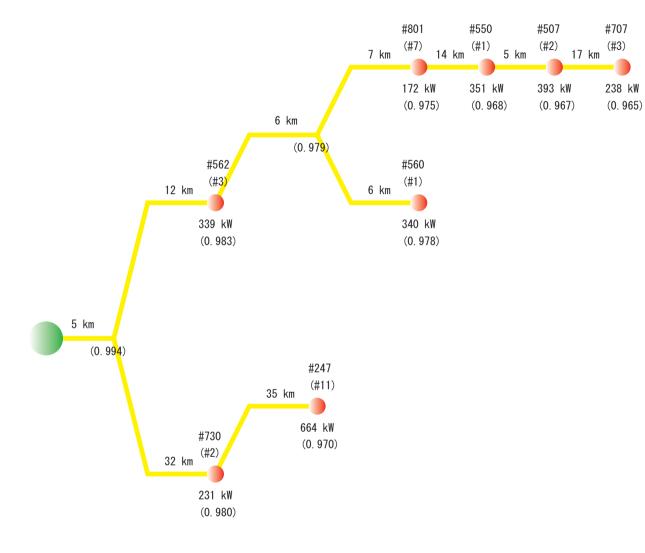
**Tokyo Electric Power Company** 

Drawing No.

Title

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

## [Package 1-4]



## 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

**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [Package 1-5] #801 #550 #507 #707 (#3)7 km 172 kW 351 kW 393 kW 238 kW (0.974)(0.968)(0.966)(0.965)6 km (0.978)#562 #560 12 km 6 km 339 kW 340 kW (0.983)(0.977)5 km (0.993)#247 (#11) 35 km 664 kW #730 (0.968)(#2)32 km 231 kW #905 (0.978)(#7) 47 km 135 kW (0.976)

## 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

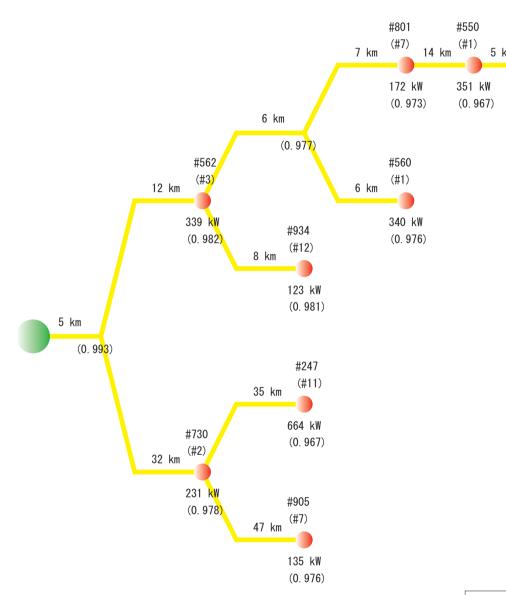
**Tokyo Electric Power Company** 

Drawing No.

Title

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

# [Package 1-6]



### 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

#507

393 kW

(0.965)

#707

(#3)

238 kW

(0.964)

17 km

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

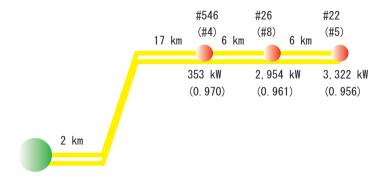
**Tokyo Electric Power Company** 

Title

Drawing No.

DL System at Chipata SS Feeder 1 (Package 1-6)

# [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

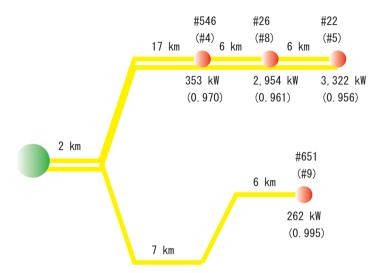
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipata 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



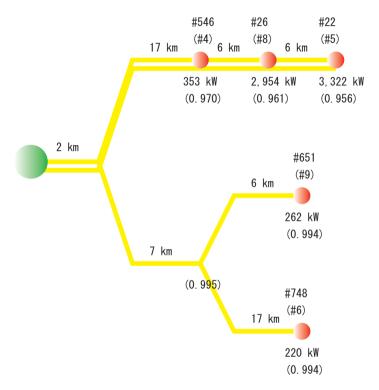
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipata 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 Chipata 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 Chipili 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

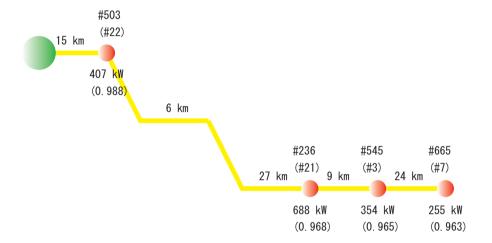
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipili 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

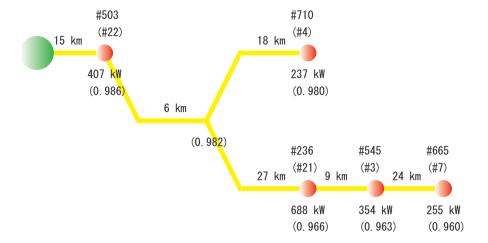
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipili 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

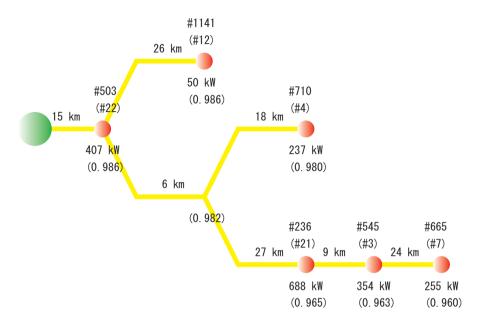
Tokyo Electric Power Company

Title

Drawing No.

DL System at Chipili 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

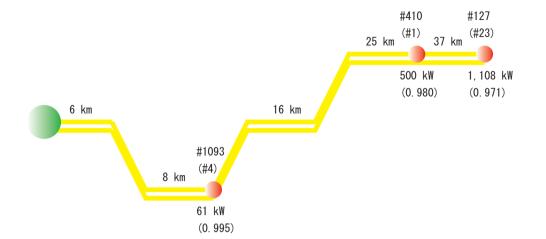


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

# [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

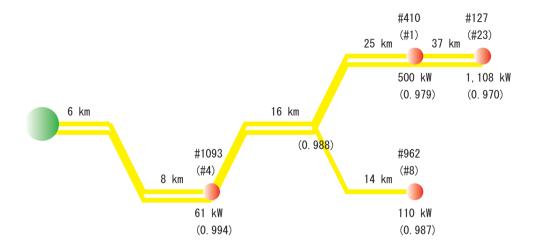
Tokyo Electric Power Company

Title

Drawing No.

DL System at Chipili 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

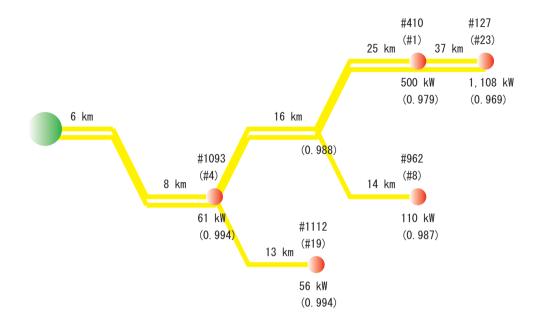
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipili 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



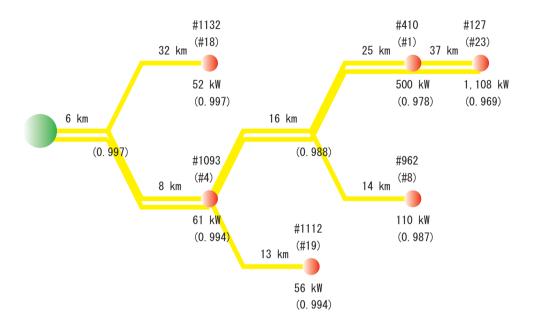
Tokyo Electric Power Company

Drawing No.

Title

DL System at Chipili 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

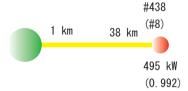
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Chipili 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



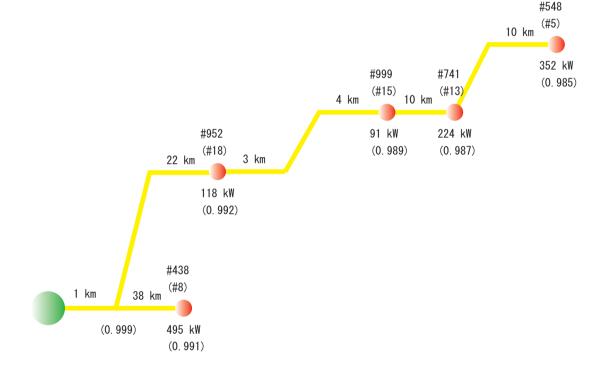
Tokyo Electric Power Company

Drawing No.

Title

DL System at Coventry 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

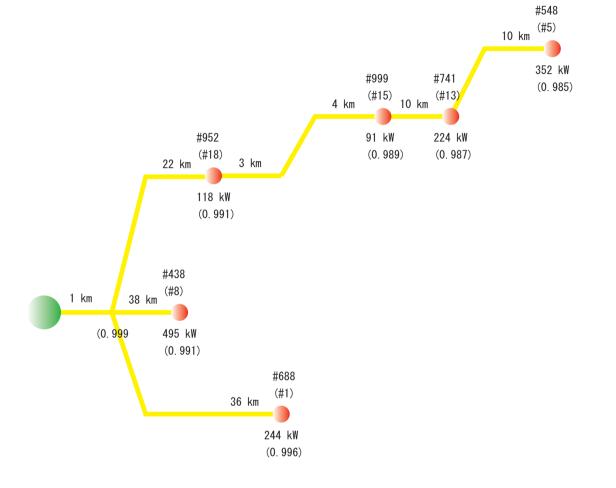
Tokyo Electric Power Company

Drawing No.

Title

DL System at Coventry 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



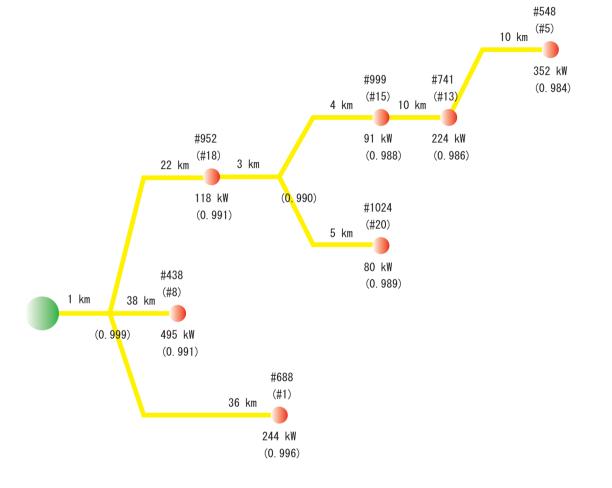
Tokyo Electric Power Company

Drawing No.

Title

DL System at Coventry 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



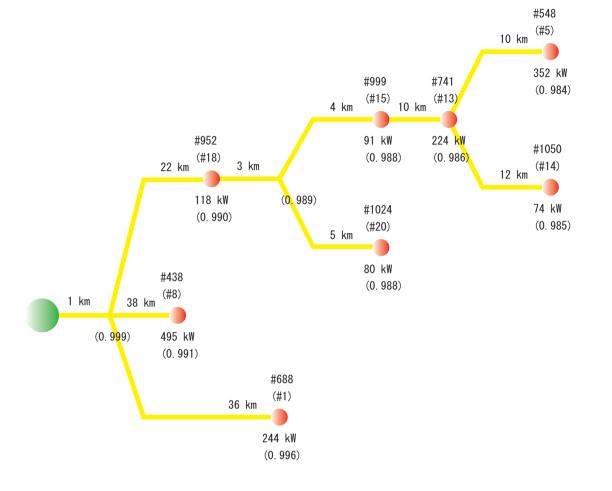
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No. Title

> DL System at Coventry SS Feeder 1 (Package 1-4)

#### [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



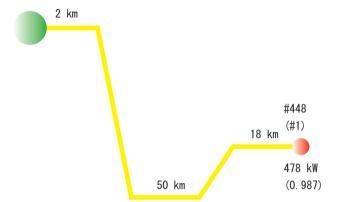
The Study for Development of the Rural Electrification Master Plan in Zambia



Title

Drawing No.

#### [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

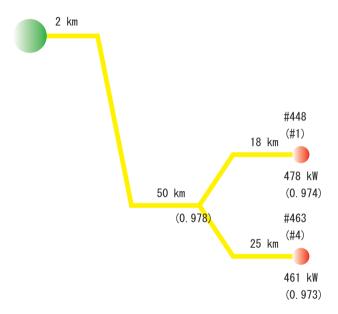
Tokyo Electric Power Company

Drawing No.

Title

DL System at Fig Tree 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



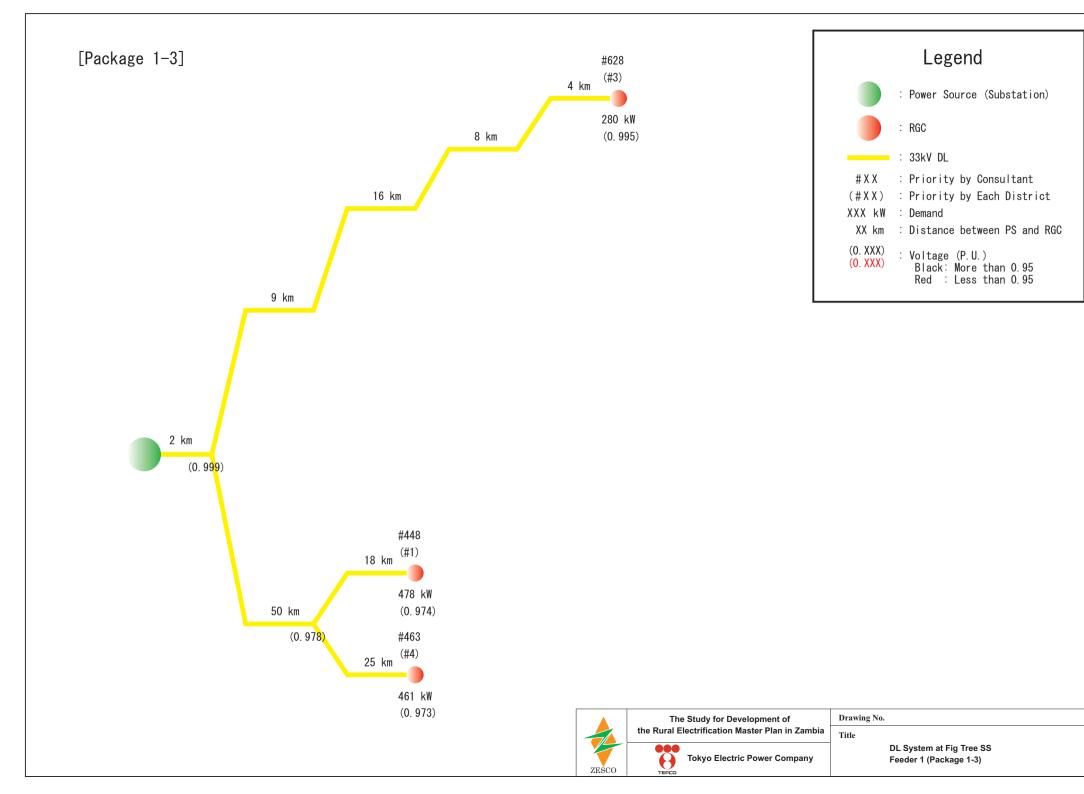
The Study for Development of the Rural Electrification Master Plan in Zambia

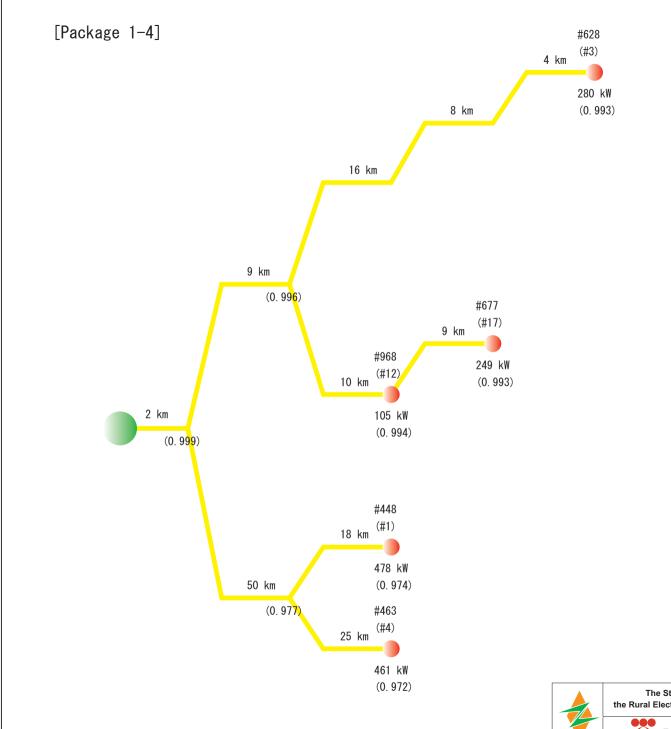
Tokyo Electric Power Company

Drawing No.

Title

DL System at Fig Tree 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

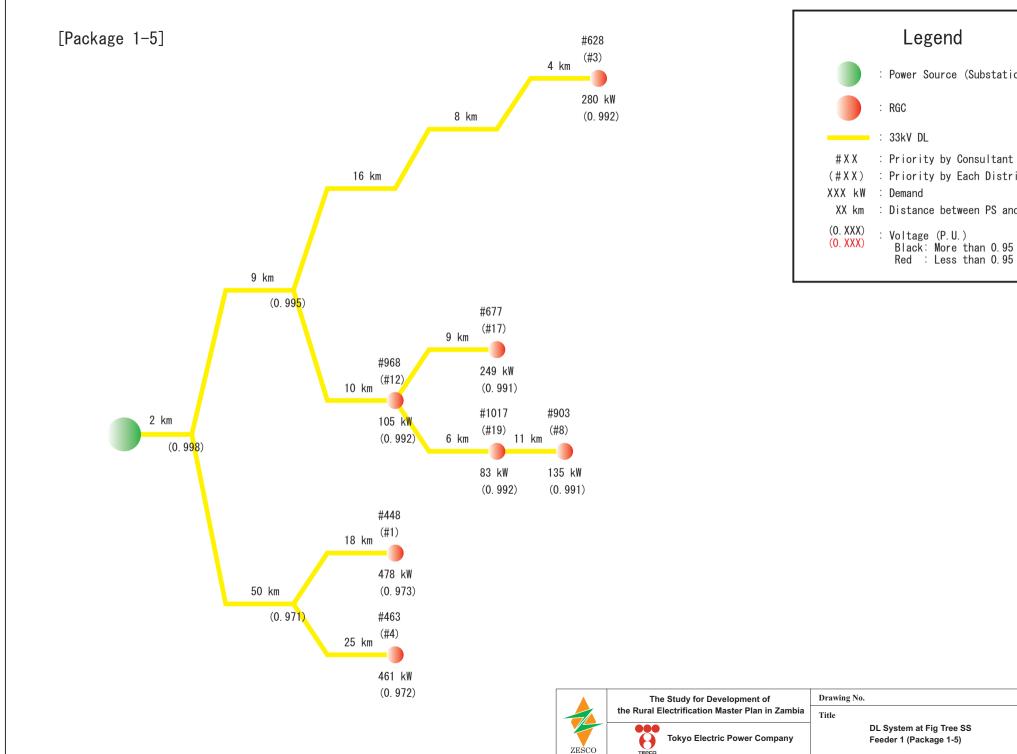


**Tokyo Electric Power Company** 

Drawing No.

Title

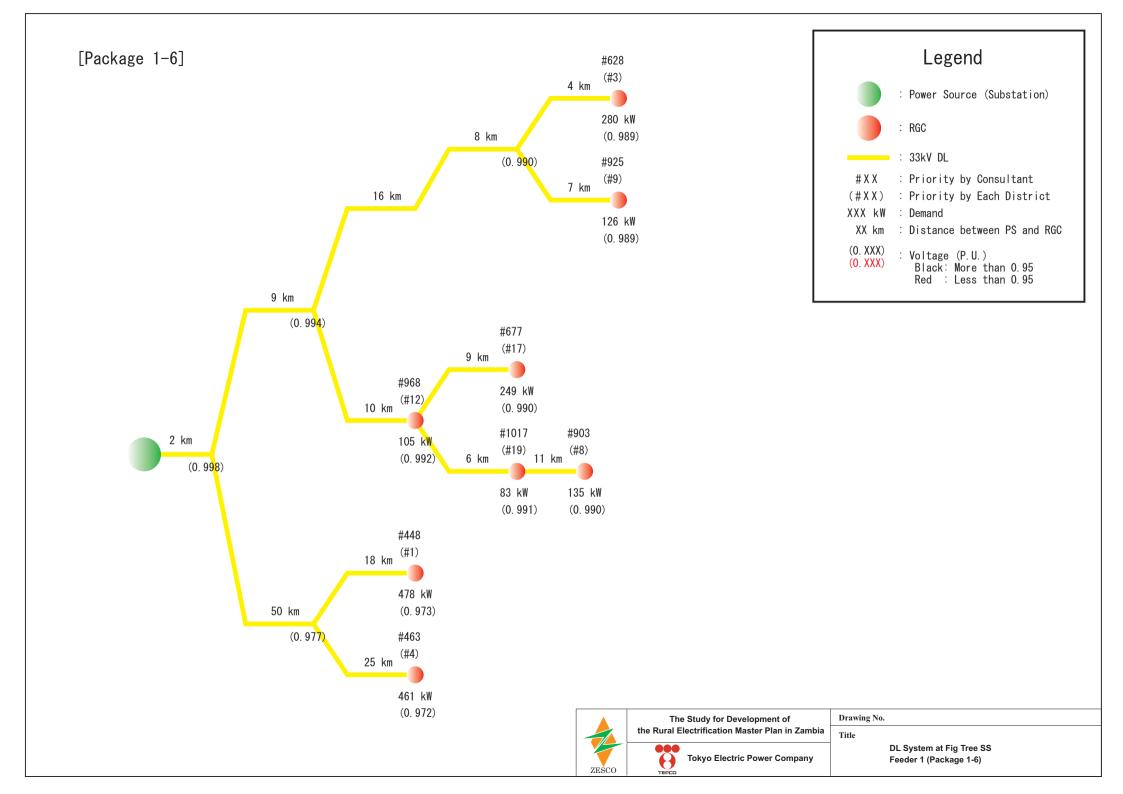
DL System at Fig Tree SS Feeder 1 (Package 1-4)

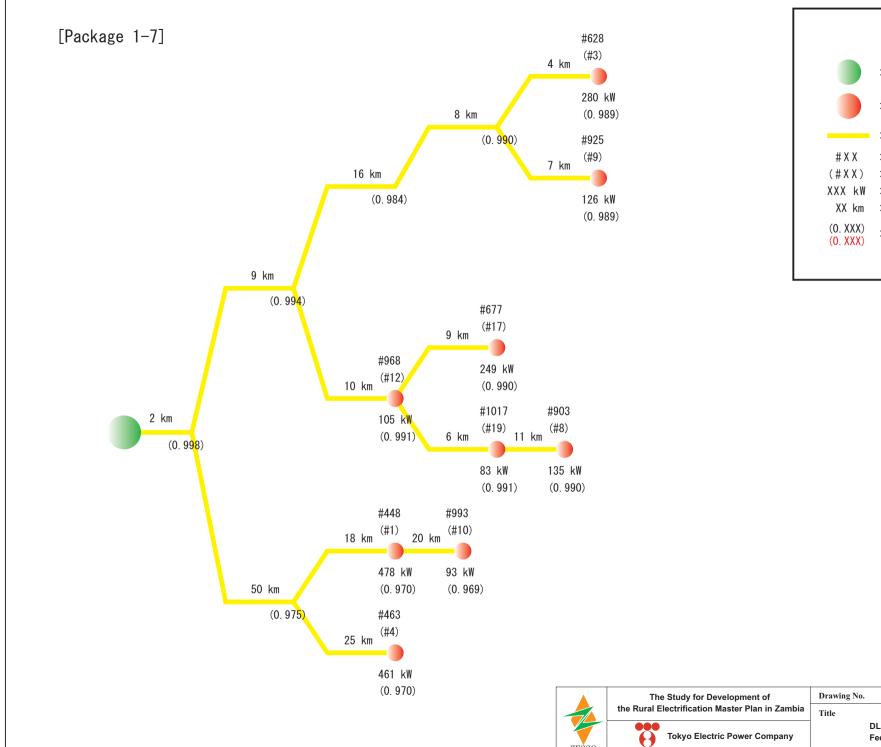


: Power Source (Substation)

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

: Distance between PS and RGC





### Legend



: Power Source (Substation)

: RGC

: 33kV DL

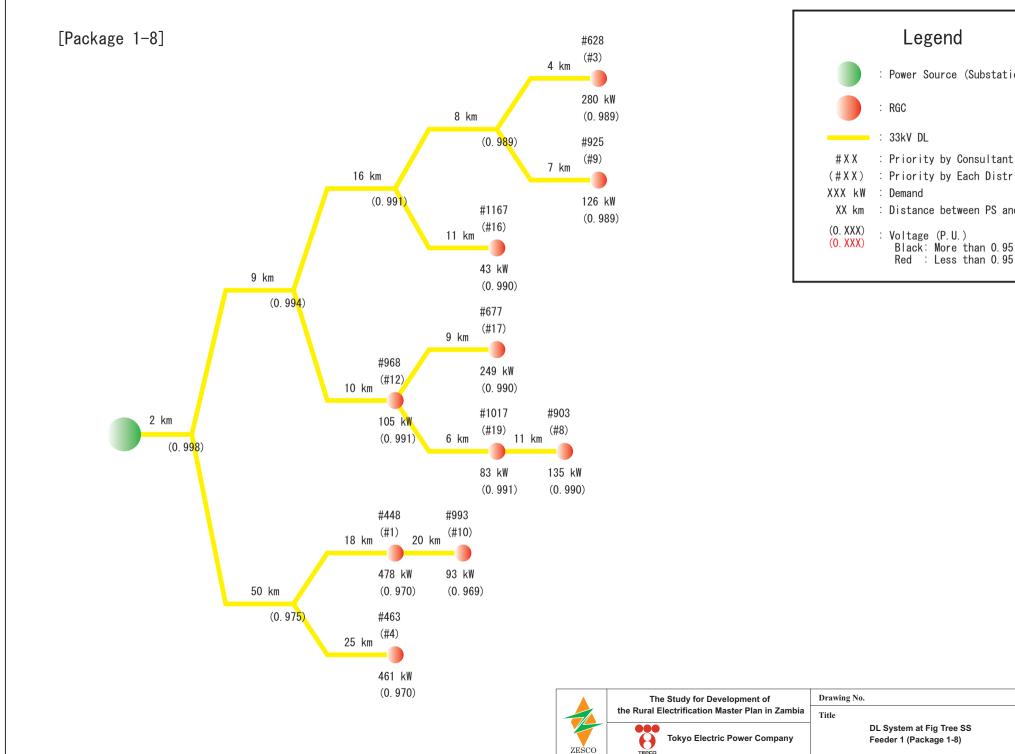
: Priority by Consultant : Priority by Each District

: Demand

: Distance between PS and RGC

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

Red : Less than 0.95



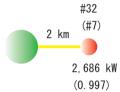
: Power Source (Substation)

: Priority by Consultant : Priority by Each District

: Distance between PS and RGC

Black: More than 0.95

#### [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

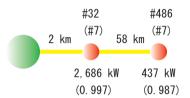
Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka 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



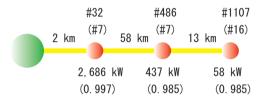
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 1-3]







: 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

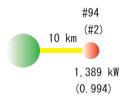
Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka 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

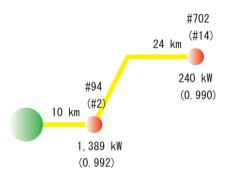
Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka 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



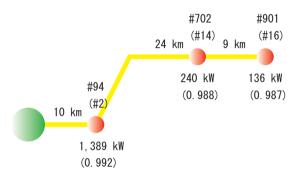
Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka 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



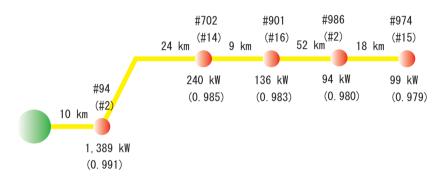
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

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

#### [Package 2-4]







: 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

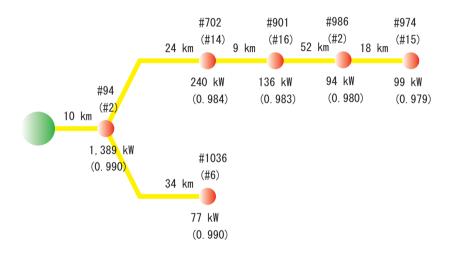
Tokyo Electric Power Company

Title

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

Drawing No.

#### [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

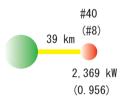
Title

Drawing No.

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

**Tokyo Electric Power Company** 

#### [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

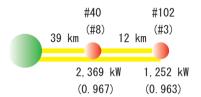
Tokyo Electric Power Company

Drawing No.

Title

DL System at Isoka 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

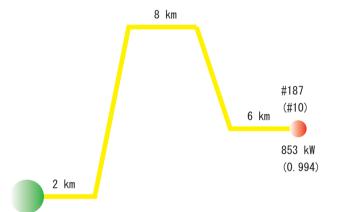
Tokyo Electric Power Company

Drawing No.

Title

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

#### [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



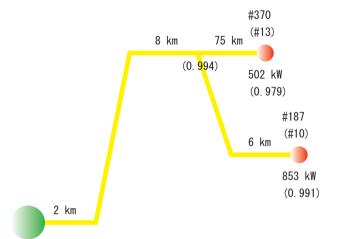
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe 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



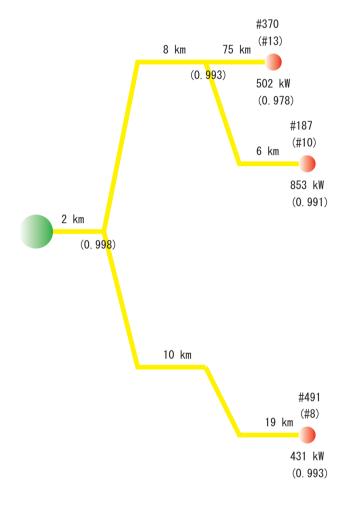
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe 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

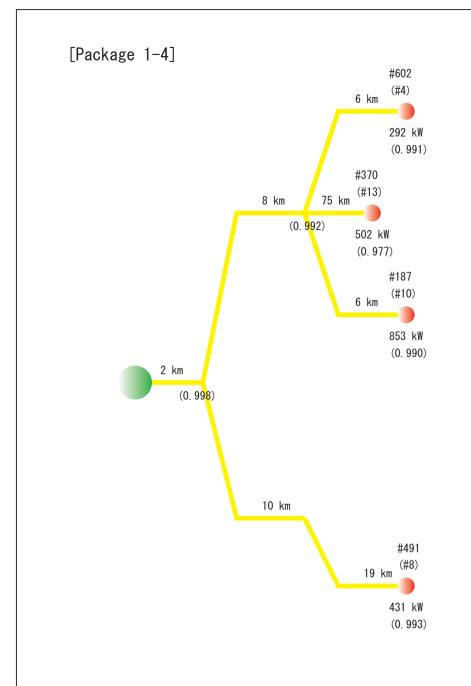


**Tokyo Electric Power Company** 

Drawing No.

Title

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





: 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

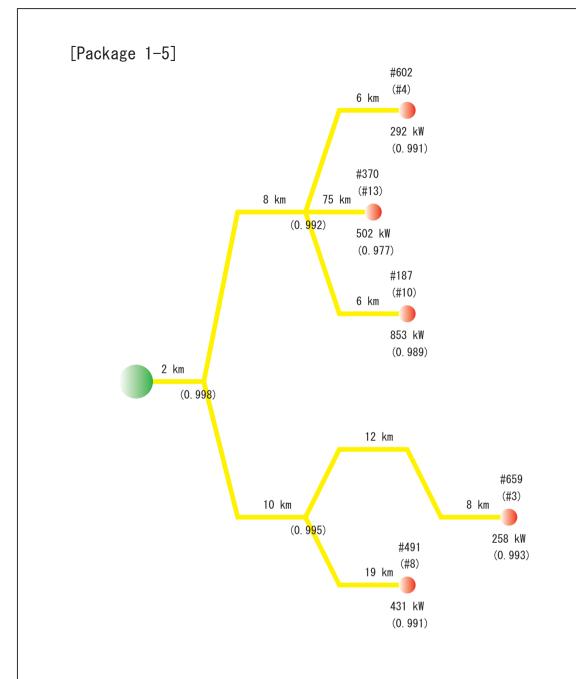
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kabwe 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

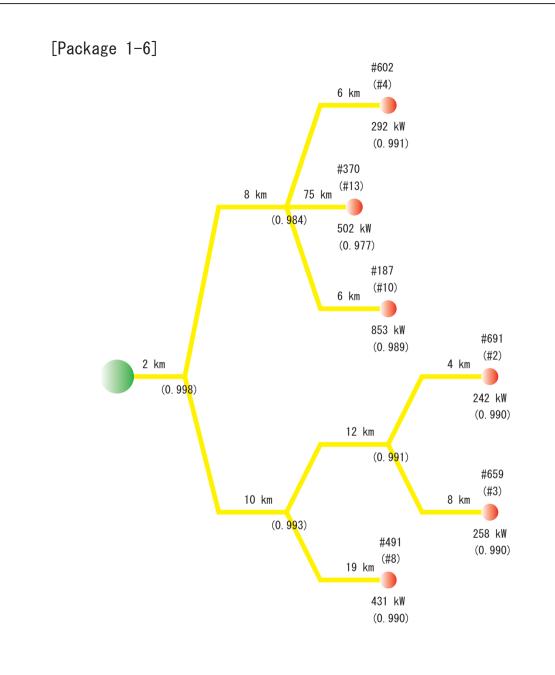
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kabwe 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

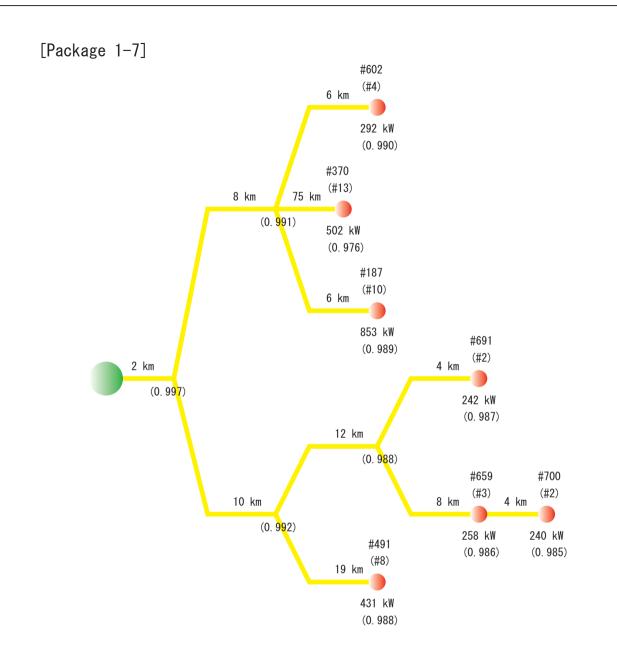
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kabwe SS Feeder 1 (Package 1-6)





: 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

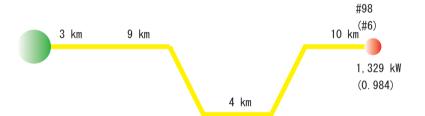
**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [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

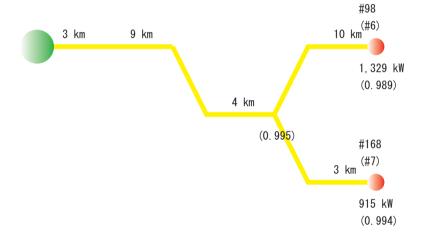
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kabwe 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

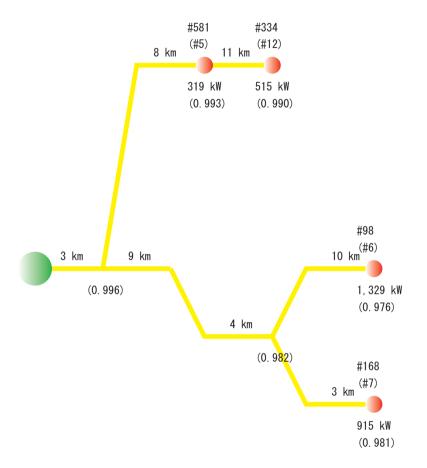


Drawing No.

Title

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

## [Package 2-4] #581 #334 (#12) 11 km 8 km 319 kW 515 kW (0.992)(0.989)#98 10 km<sup>(#6)</sup> 3 km 9 km (0. <mark>9</mark>95) 1,329 kW (0.975)4 km (0.981)#168 3 km 915 kW (0.980)#679 11 km 29 km 248 kW #363 (0.991)29 km





: 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

503 kW

(0.979)

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

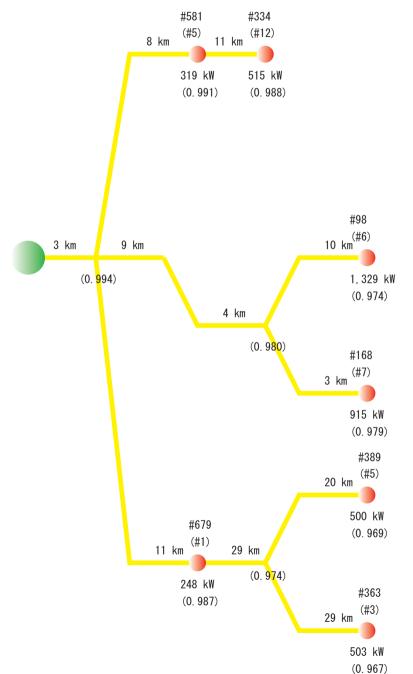
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kabwe 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

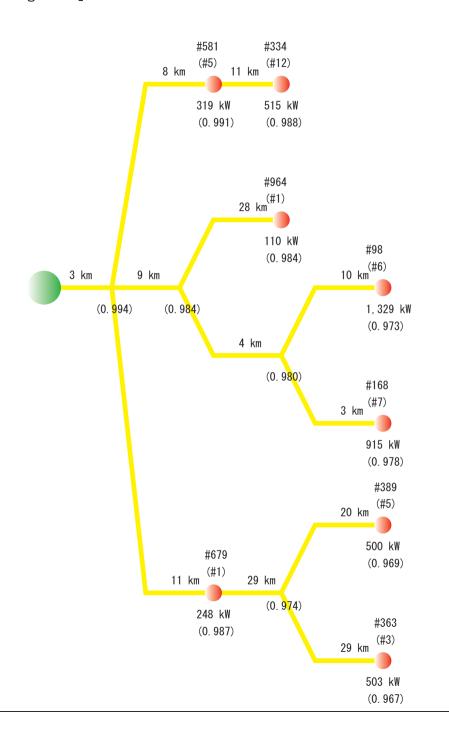
Drawing No. Title

DL System at Kabwe SS

Feeder 2 (Package 2-5)

**Tokyo Electric Power Company** 

#### [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

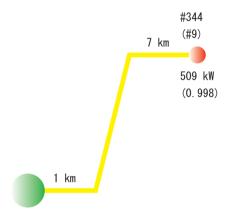
**Tokyo Electric Power Company** 

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

Title

Drawing No.

#### [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



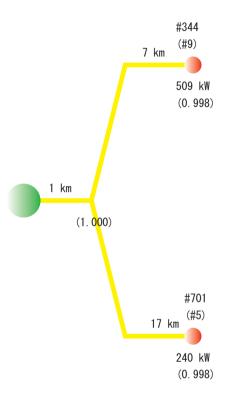
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kafue Town 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

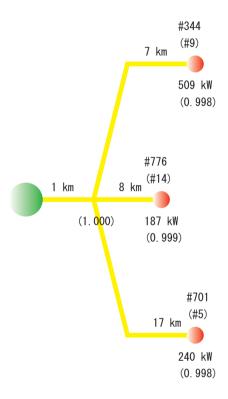
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kafue Town 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



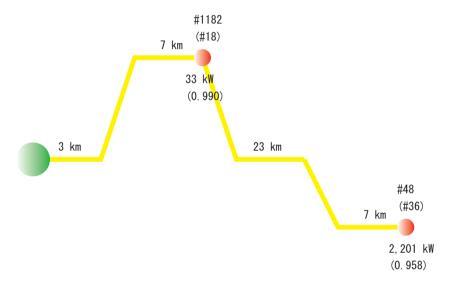
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Kafue Town SS Feeder 1 (Package 1-3)

## [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

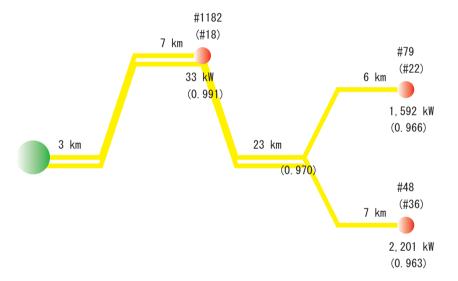
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kalabo 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

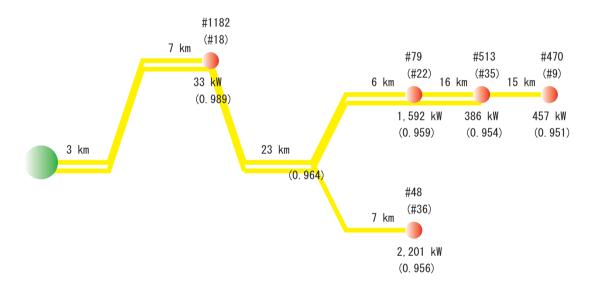
Tokyo Electric Power Company

Title

Drawing No.

DL System at Kalabo 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



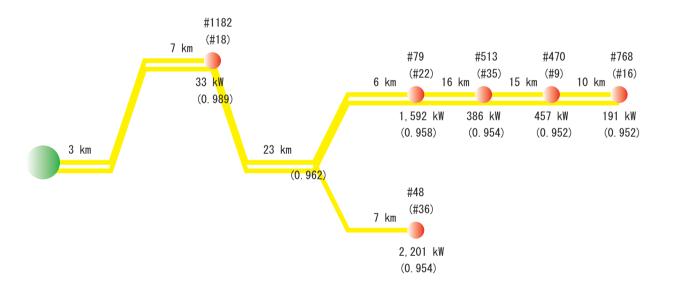
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Kalabo 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

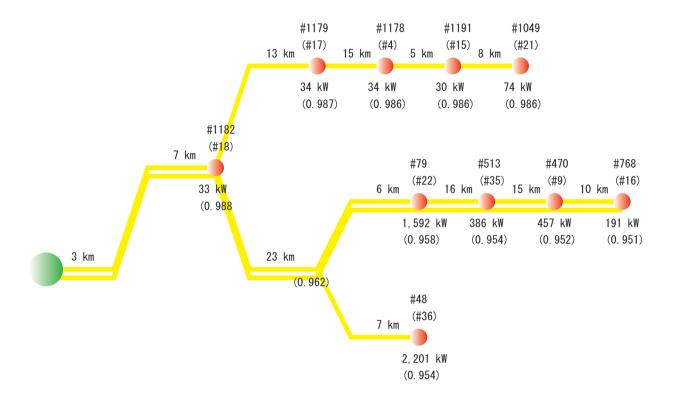


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [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



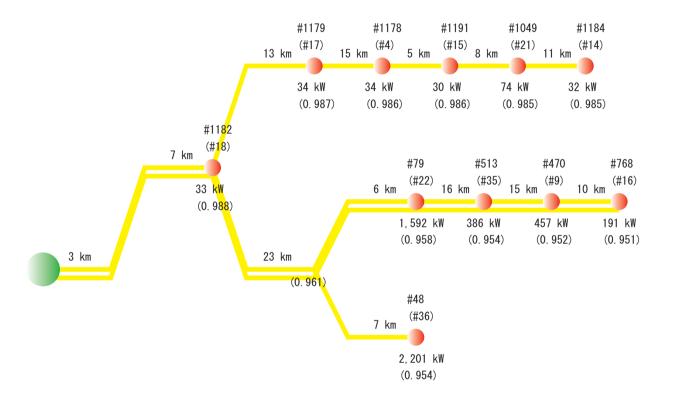
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Kalabo 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 Red : Less than 0.95

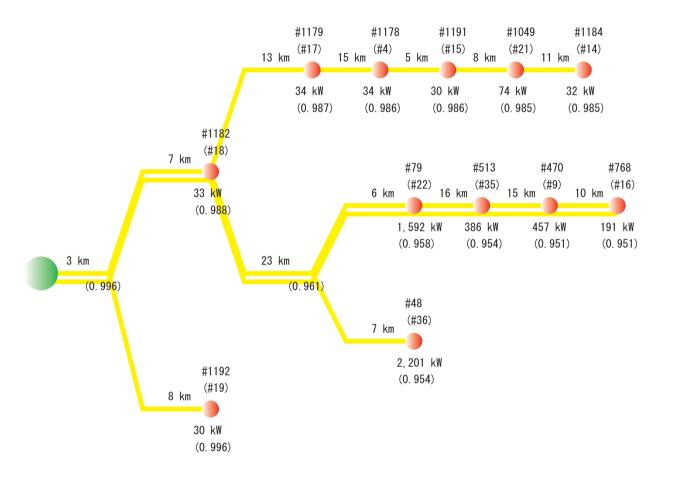
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Kalabo SS Feeder 1 (Package 1-6)

#### [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

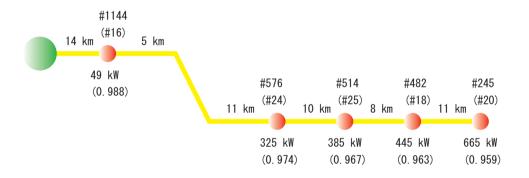
Red : Less than 0.95

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

Drawing No. Title

> DL System at Kalabo SS Feeder 1 (Package 1-7)

#### [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

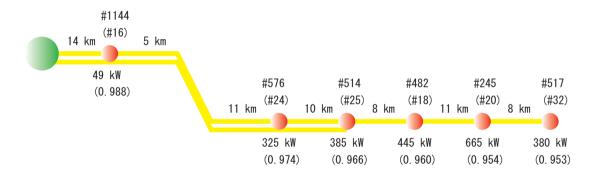


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [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

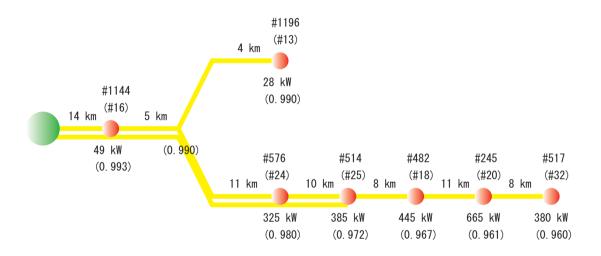
Title

Drawing No.

DL System at Kalabo 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

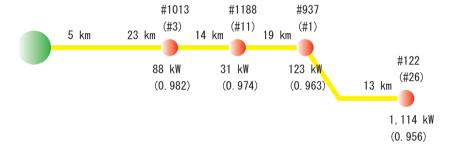
Title

Drawing No.

DL System at Kalabo SS

Feeder 2 (Package 2-3)

#### [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

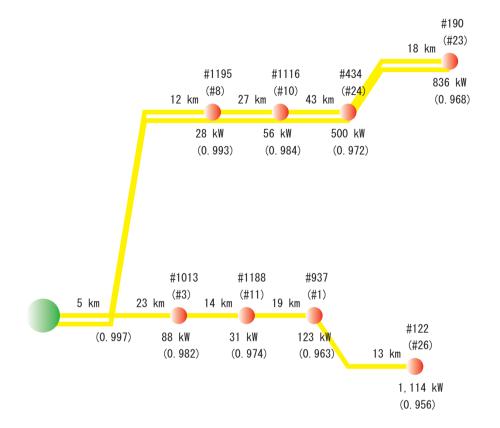
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

#### [Package 3-2]



# 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

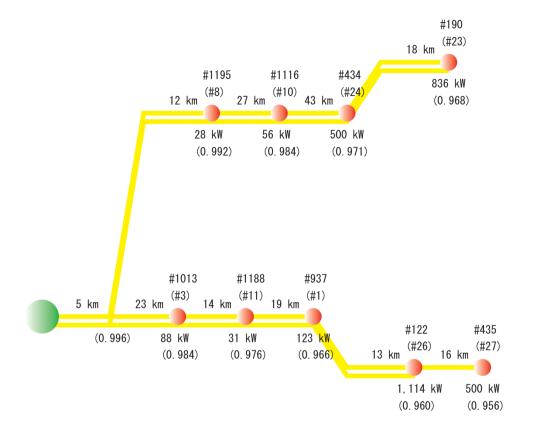
**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [Package 3-3]



## 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

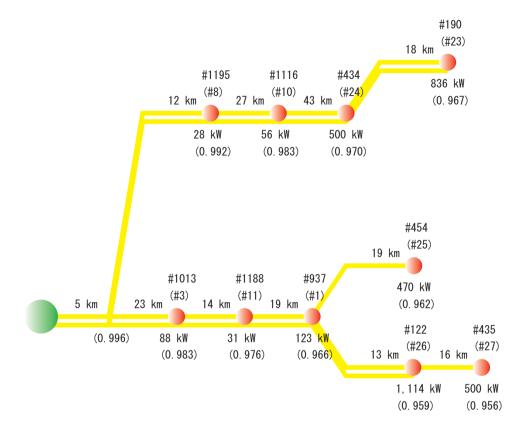
The Study for Development of the Rural Electrification Master Plan in Zambia



Title

Drawing No.

#### [Package 3-4]



## 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

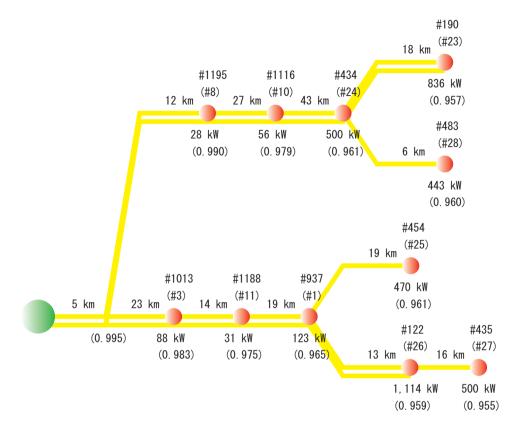
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

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

#### [Package 3-5]



## 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)

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

the Rural Electrification Master Plan in Zambia

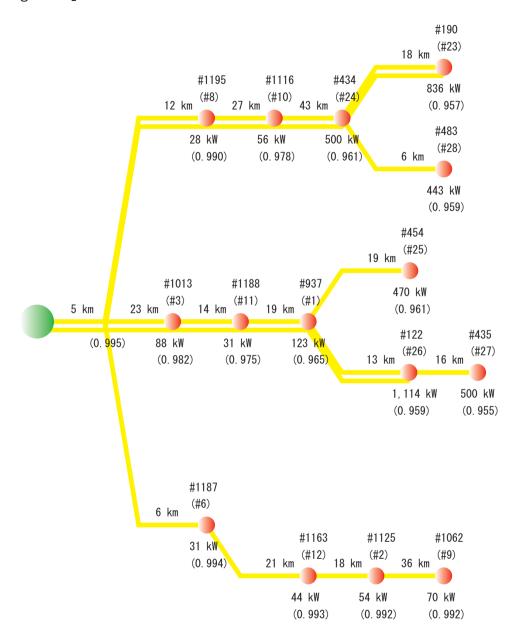


Title

Drawing No.

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

#### [Package 3-6]



## Legend



: Power Source (Substation)



: RGC



#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



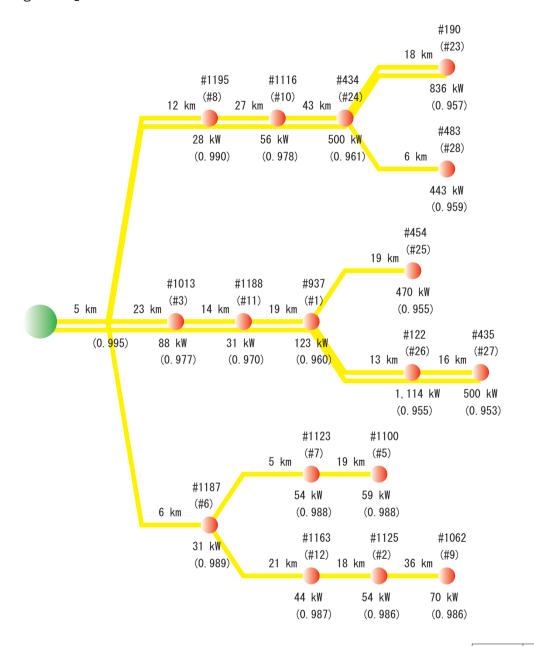
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-7]



#### 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

8

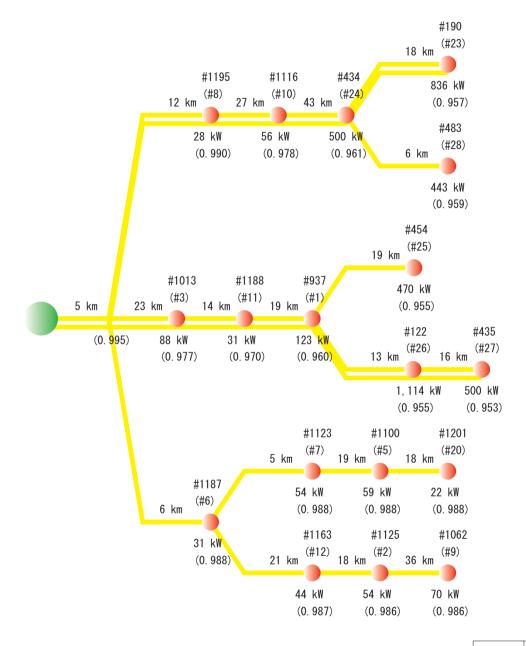
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-8]



#### 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

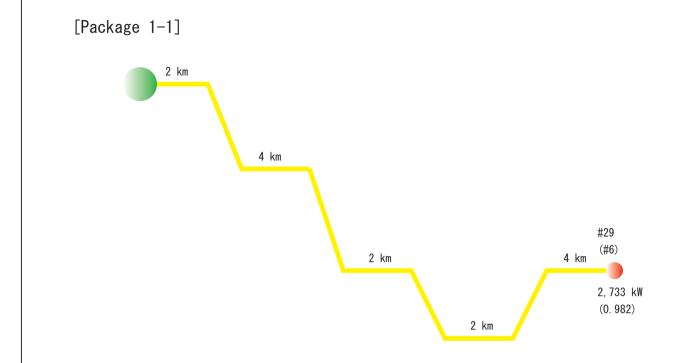


Tokyo Electric Power Company

Drawing No.

Title

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





: 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

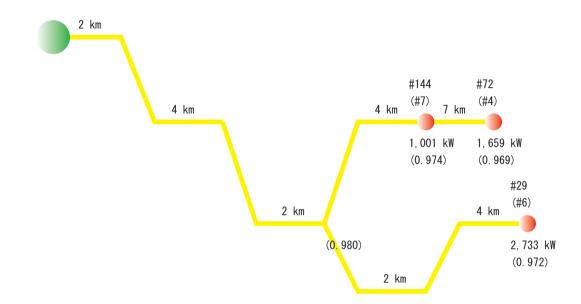
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kansunswa 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

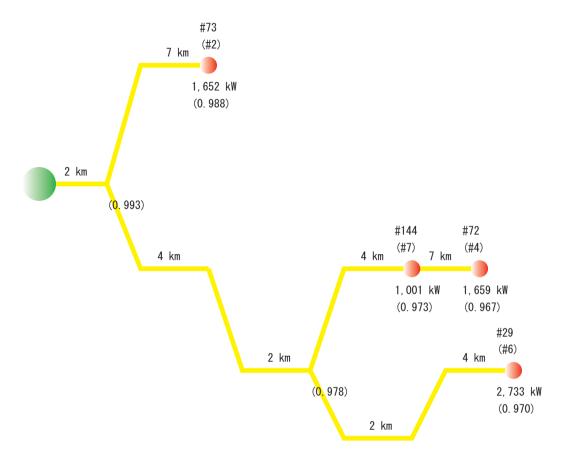
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

### [Package 1-4] #73 7 km 1,652 kW (0.987)2 km (0.992)#144 #72 4 km 4 km 1,001 kW 1,659 kW (0.969)(0.963)#29 4 km 2 km (0.974)2,733 kW (0.965)2 km (0.970)#134 7 km

# 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



1,062 kW (0.967)

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

> > **Tokyo Electric Power Company**

Drawing No.

Title

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

#### [Package 1-5] #73 7 km 1,652 kW (0.986)2 km (0.992)#144 #72 #191 (#3) 4 km 4 km 1,001 kW 1,659 kW 833 kW (0.964)(0.955)(0.953)#29 4 km 2 km (0.971)2,733 kW (0.962)2 km (0.967)#134 7 km 1,062 kW

## 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

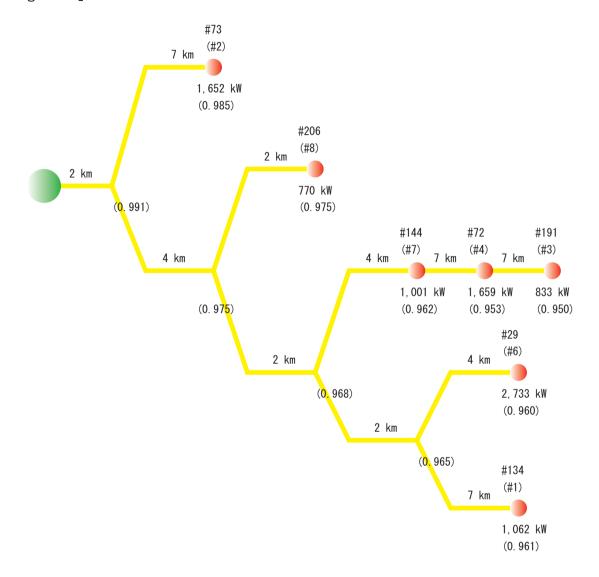
Title

Drawing No.

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

(0.963)

### [Package 1-6]



## 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

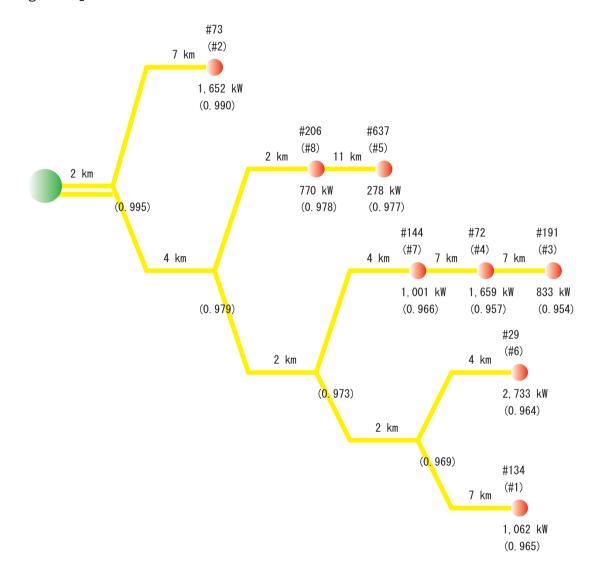
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kansunswa SS Feeder 1 (Package 1-6)

### [Package 1-7]



## 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

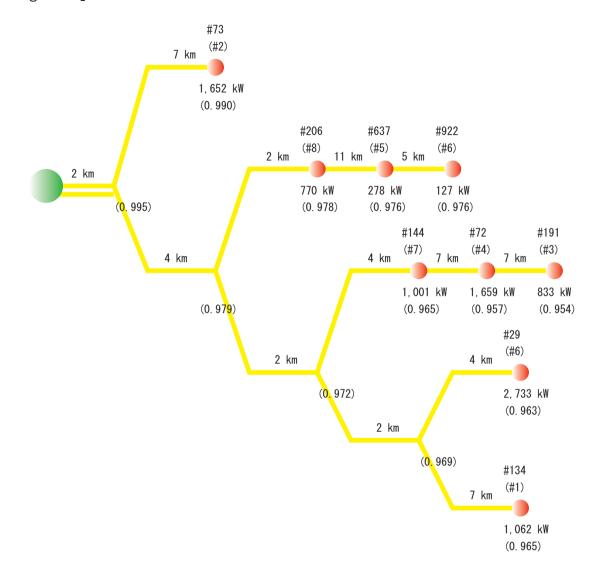


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

### [Package 1-8]



## 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

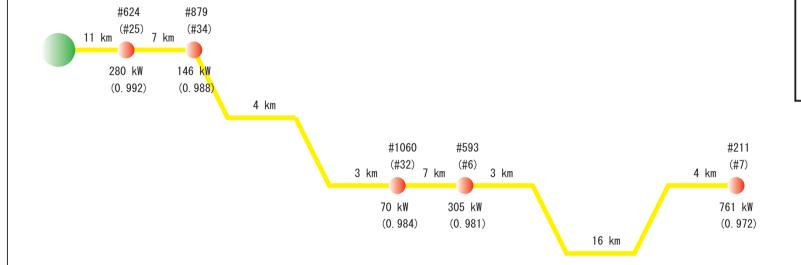
**Tokyo Electric Power Company** 

Title

Drawing No.

DL System at Kansunswa 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

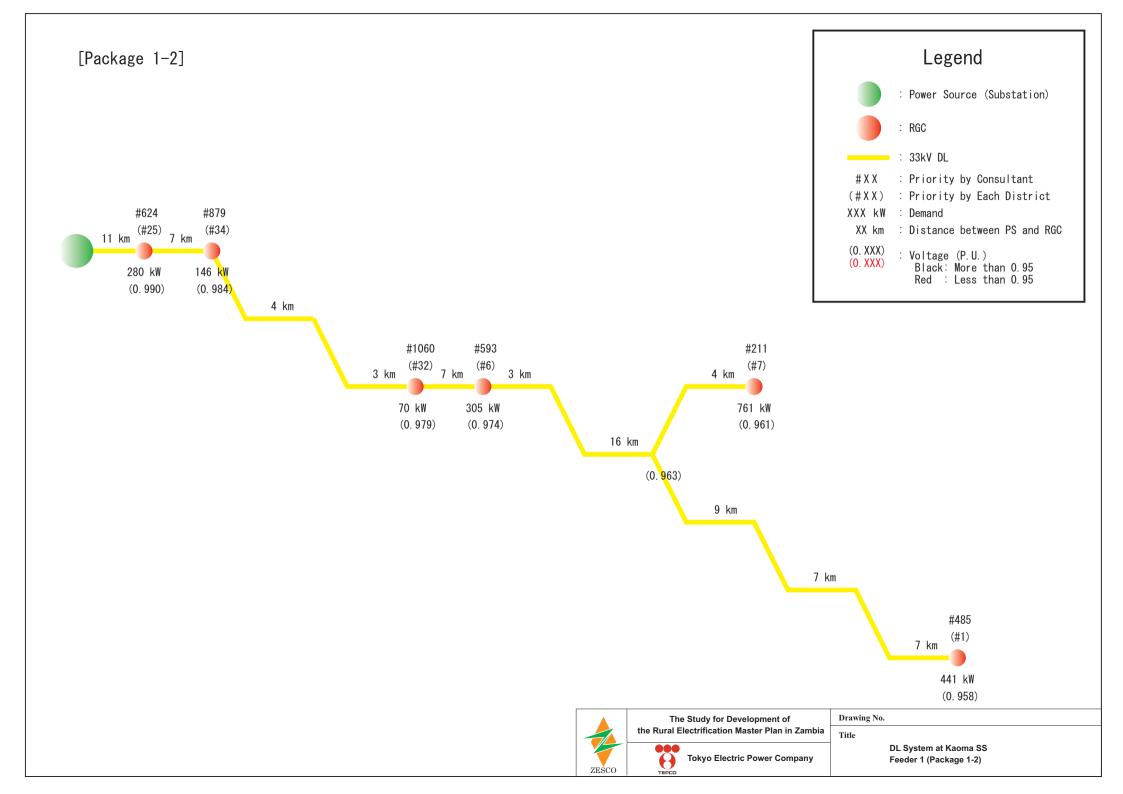
The Study for Development of the Rural Electrification Master Plan in Zambia

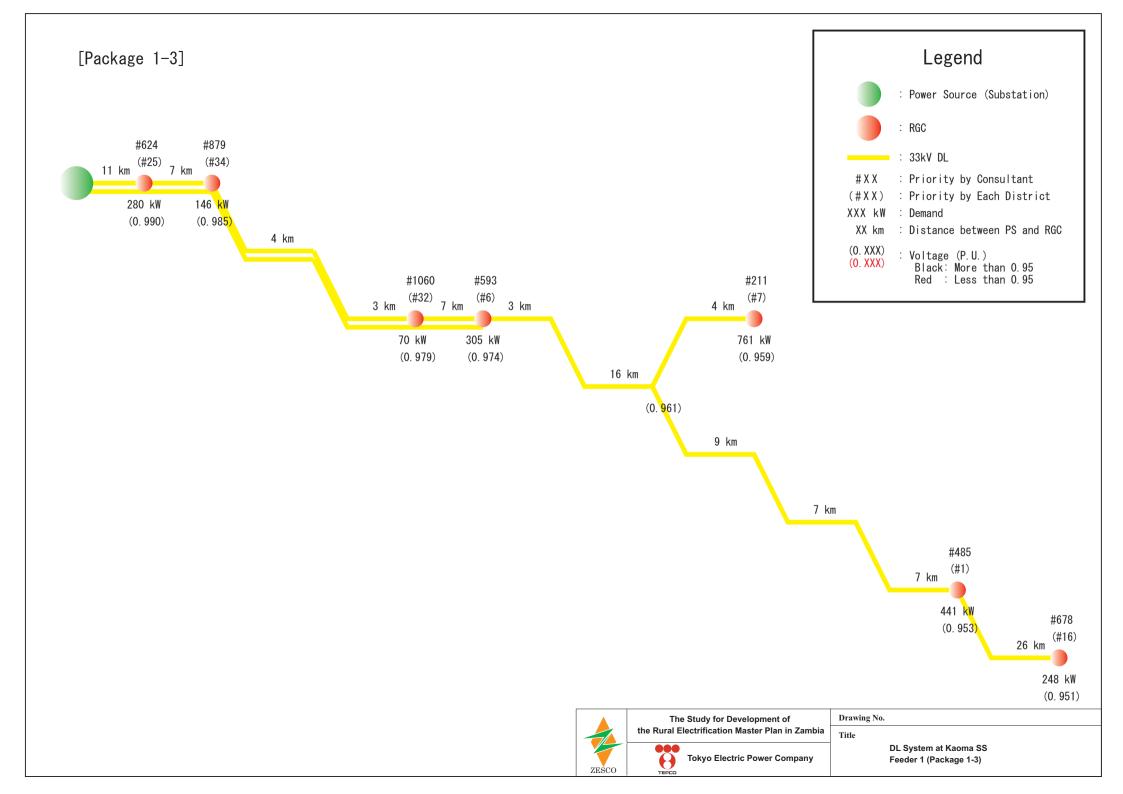
Tokyo Electric Power Company

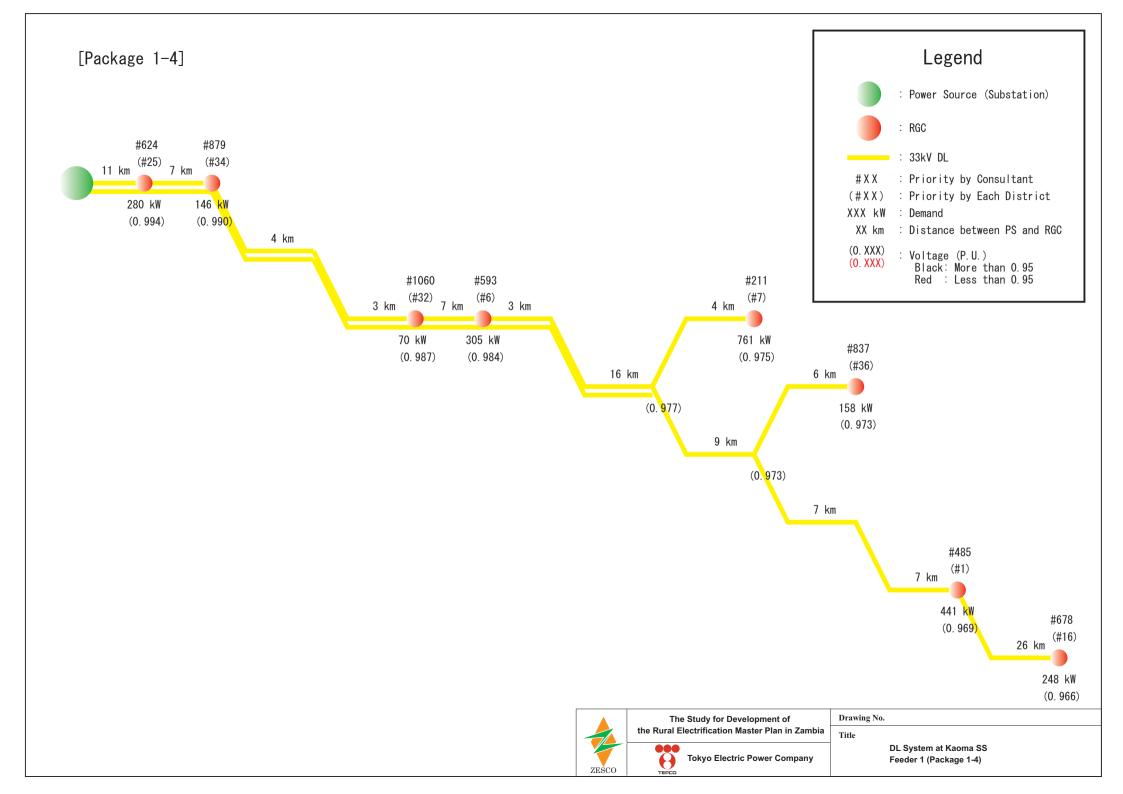
Drawing No.

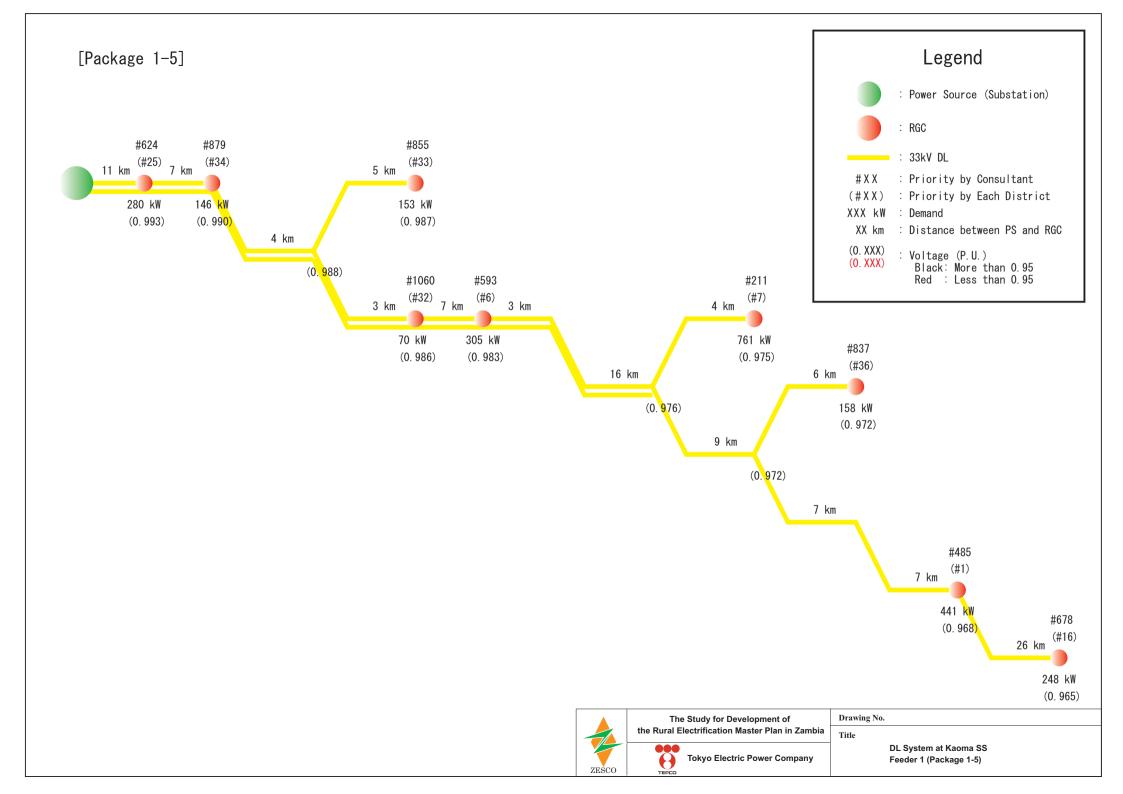
Title

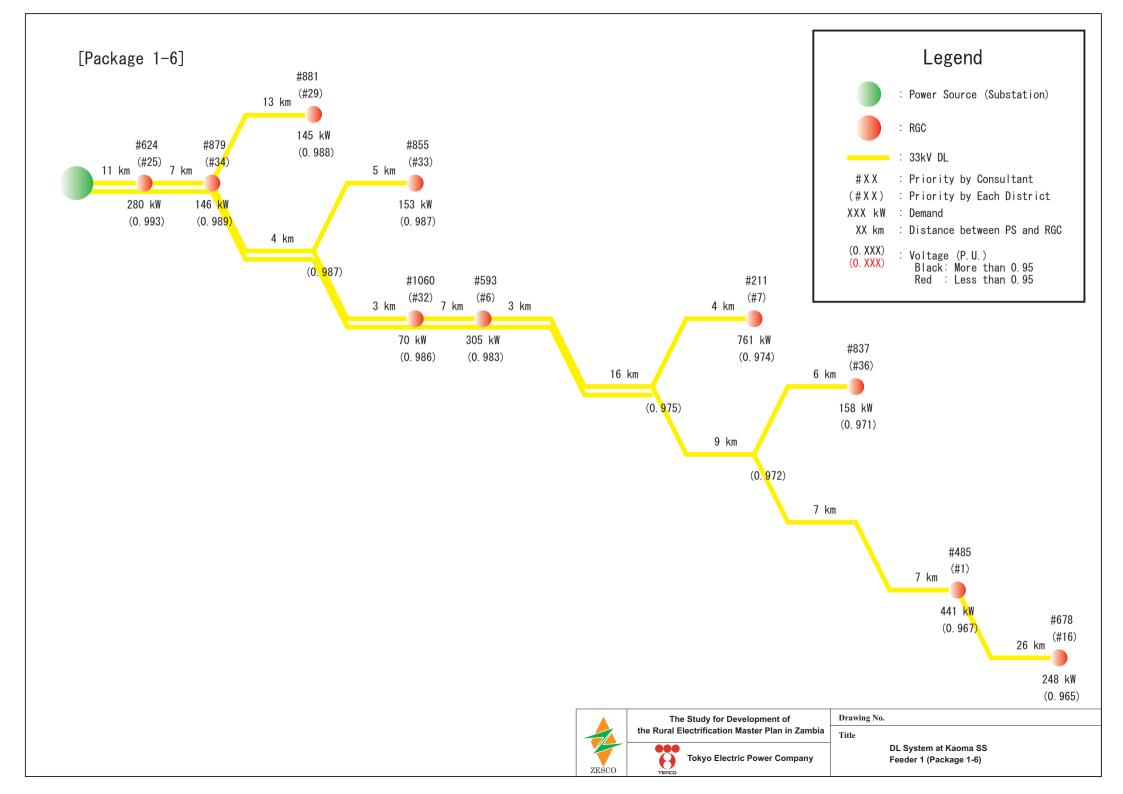
DL System at Kaoma SS Feeder 1 (Package 1-1)

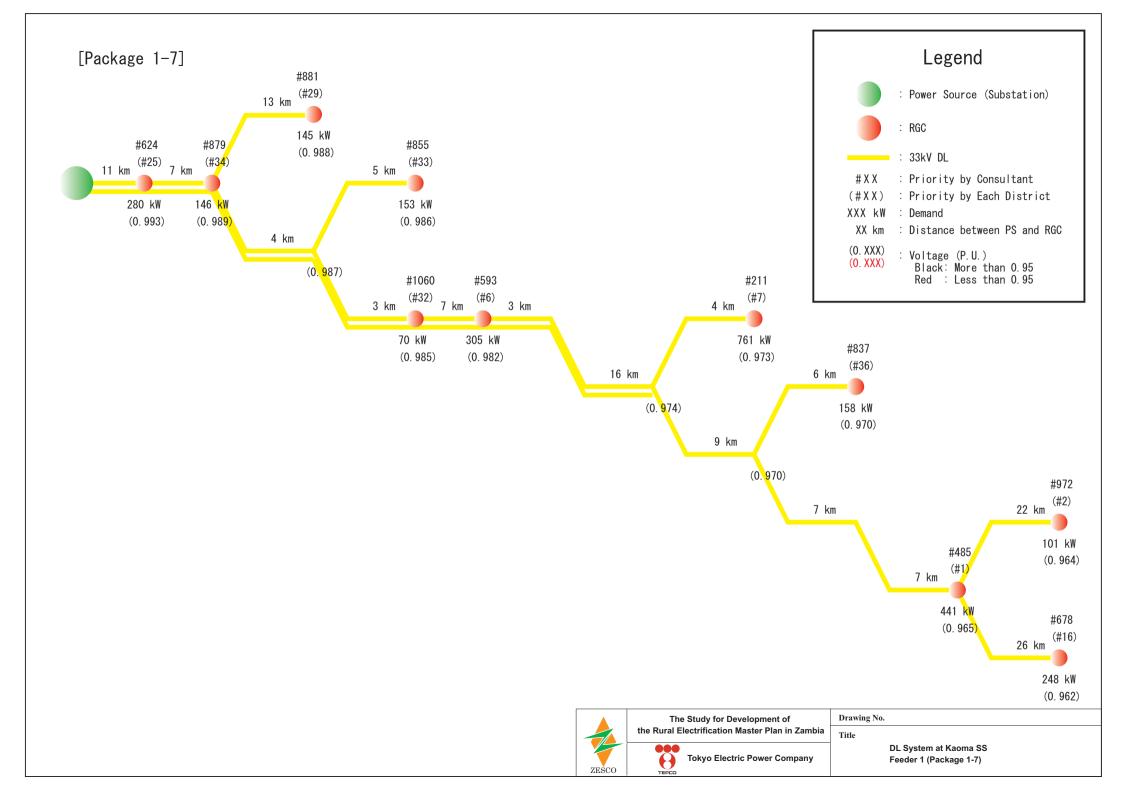


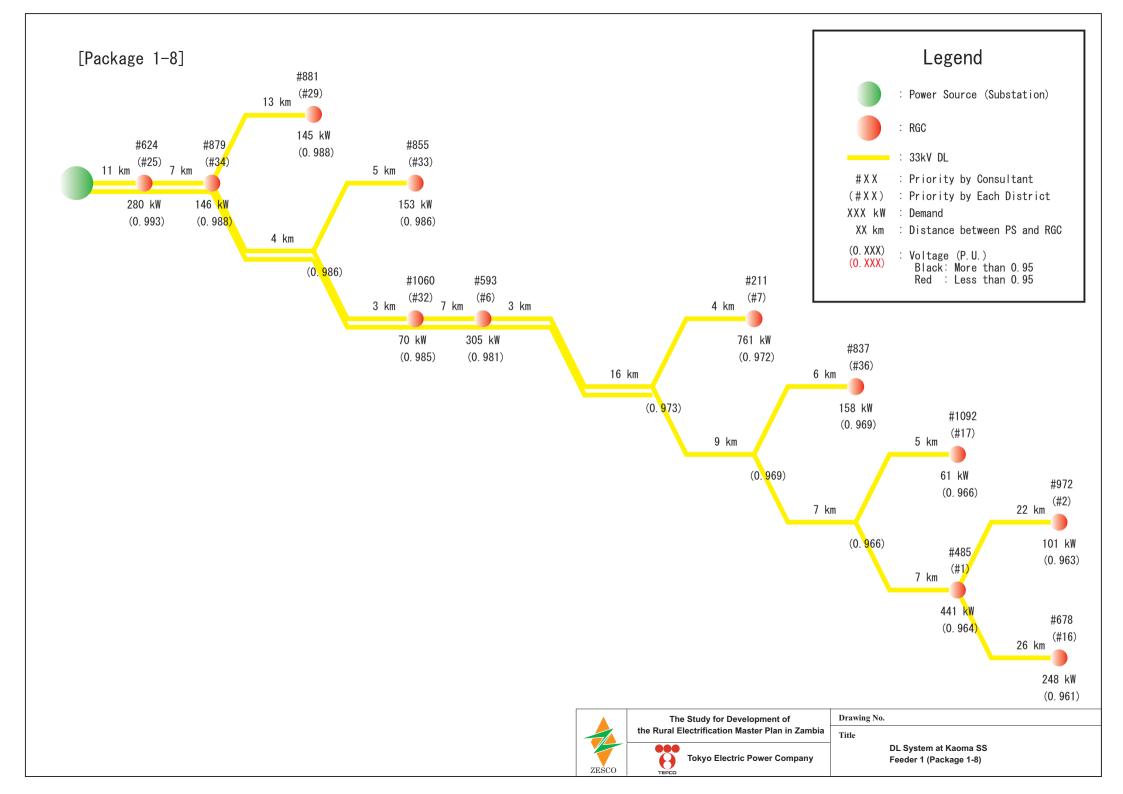


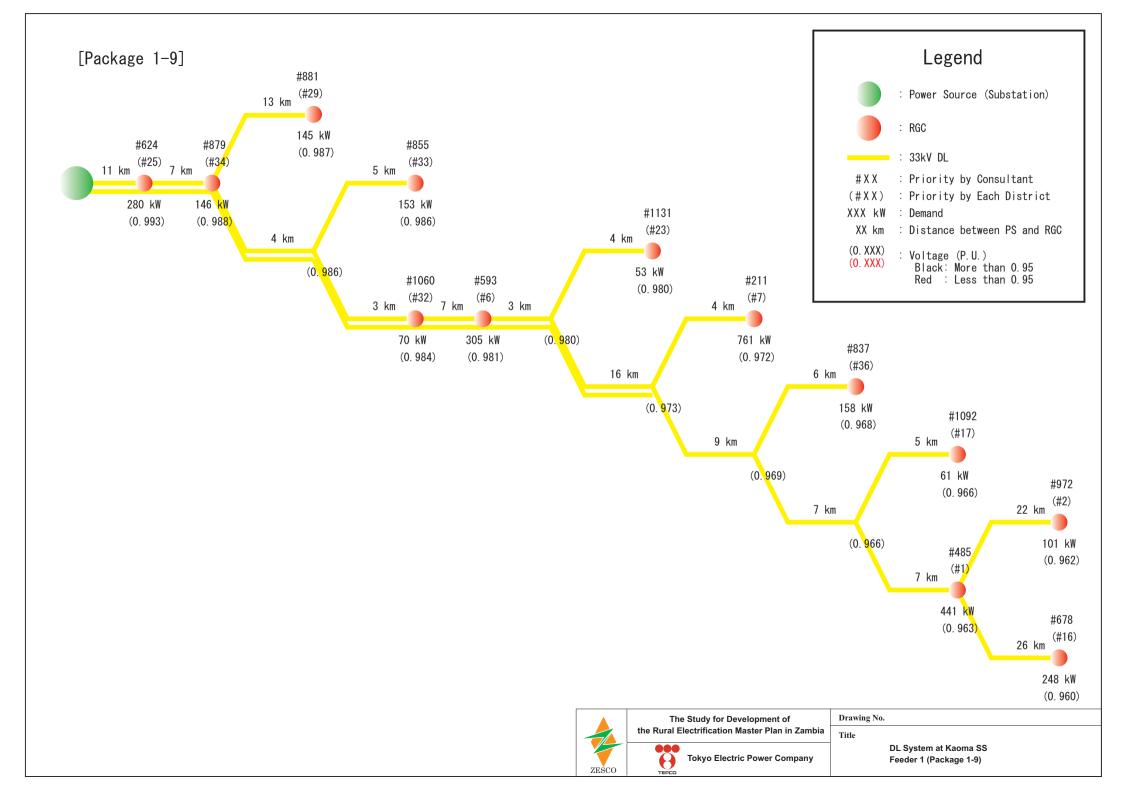




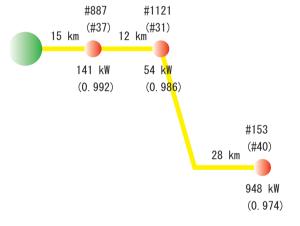








### [Package 2-1]







: 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

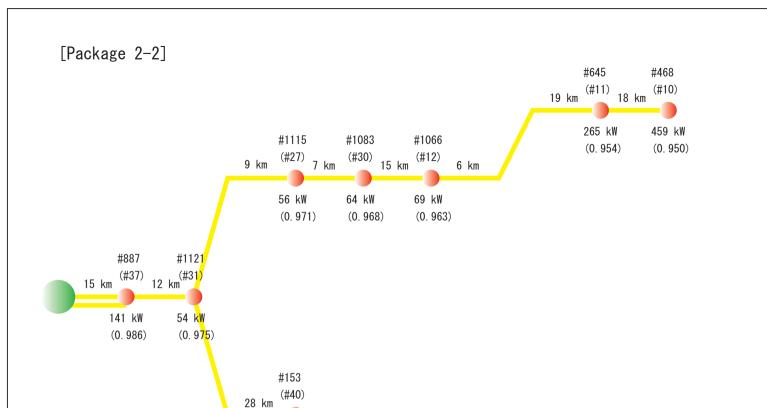


Tokyo Electric Power Company

Drawing No.

Title

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



948 kW (0.963)





: 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

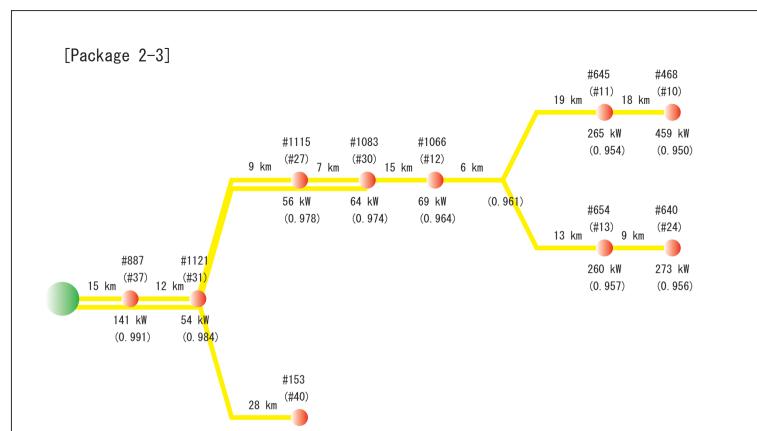


**Tokyo Electric Power Company** 

Drawing No.

Title

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



948 kW (0.972)



: 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)

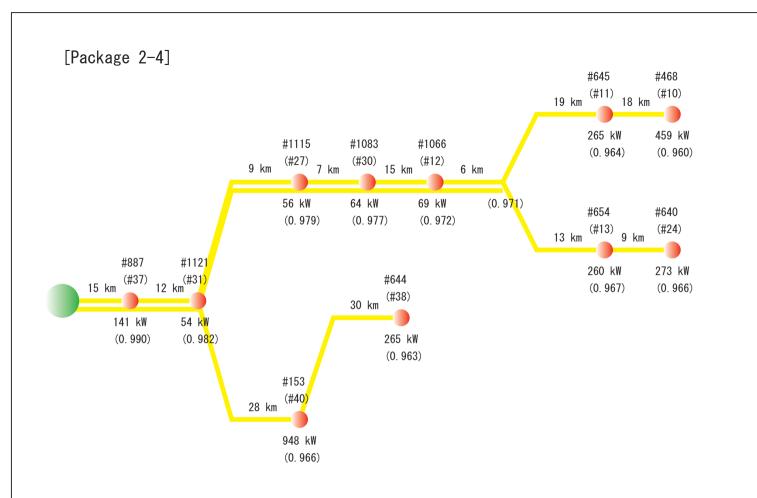
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

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

Title

Drawing No.

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





: 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

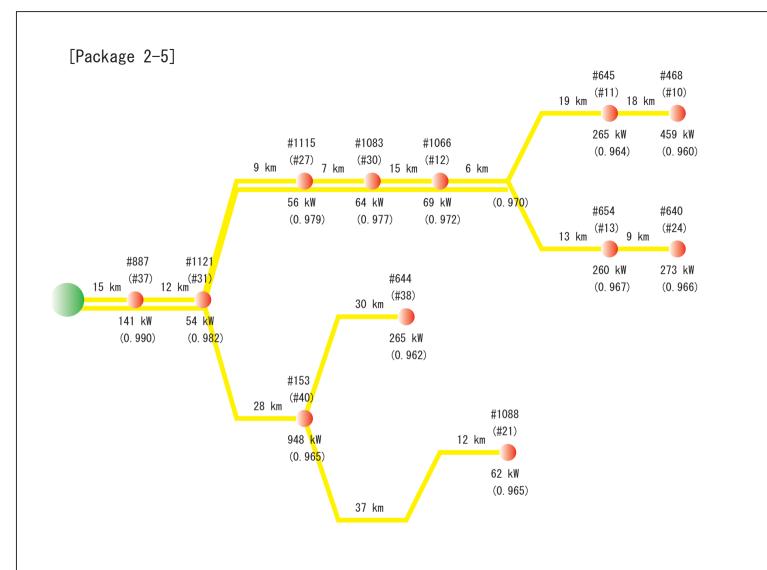
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

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



: 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

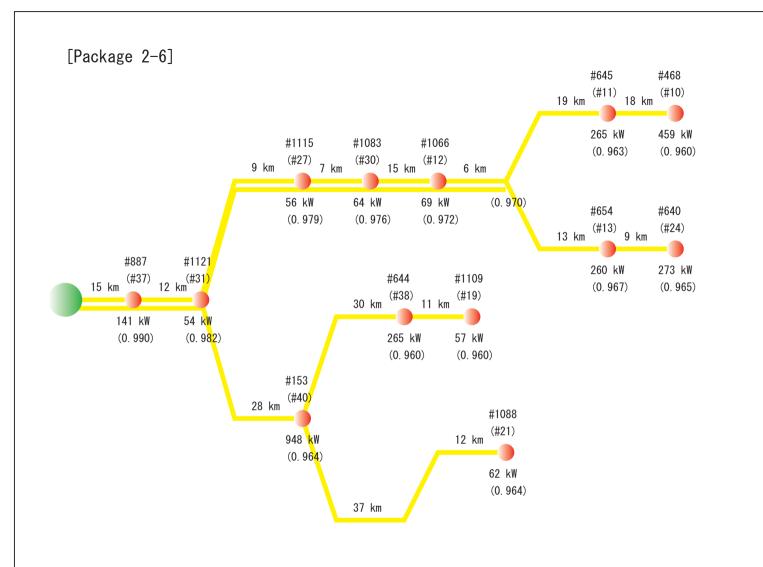
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

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



: 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

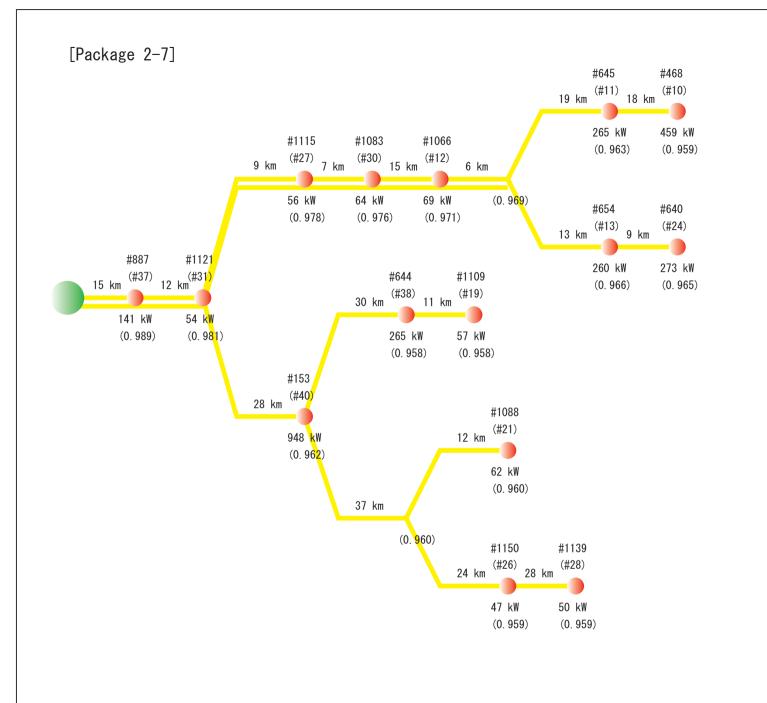
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Title

Drawing No.

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



: Power Source (Substation)

: RGC

: 33kV DL

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

XXX kW : Demand

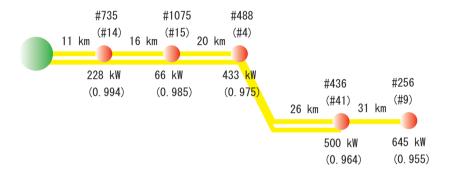
XX km : Distance between PS and RGC

(0. XXX) (0. XXX) : Volt

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

Red : Less than 0.95

#### [Package 3-1]







: 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

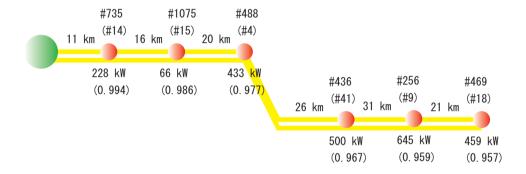
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-2]







: 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

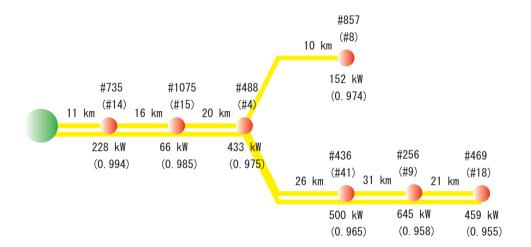
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-3]







: 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



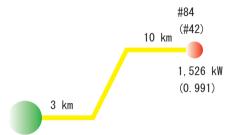
**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [Package 4-1]



# 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

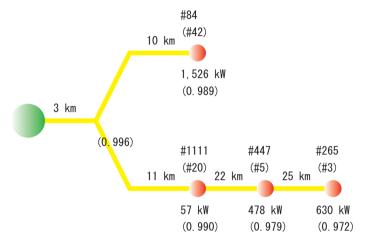
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 4-2]



# 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 Rural Electrification Master Plan in Zambia



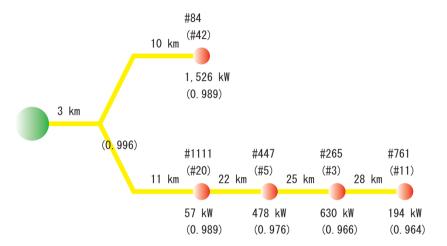
Title

Drawing No.

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

The Study for Development of

#### [Package 4-3]







: 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

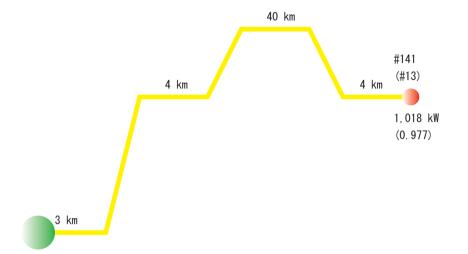
Tokyo Electric Power Company

Drawing No.

Title

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

### [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

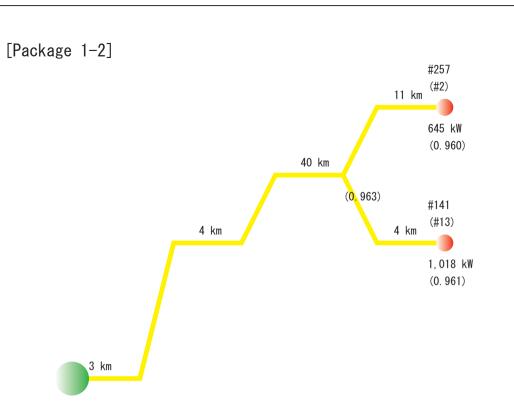
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kapiri Mposhi SS Feeder 1 (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

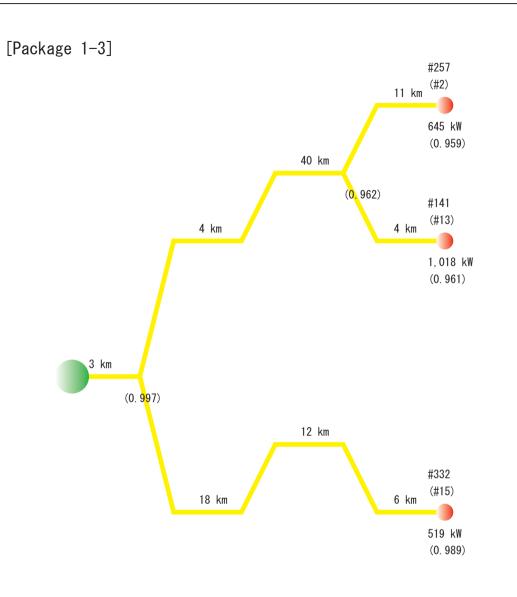
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Title

Drawing No.

DL System at Kapiri Mposhi SS Feeder 1 (Package 1-2)





: Power Source (Substation)



: RGC

\_\_\_ : 33kV DL

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

XXX kW : Demand

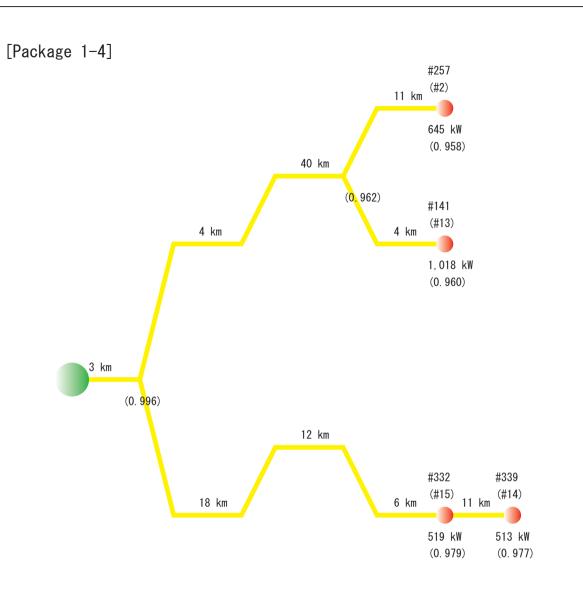
XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

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

Red : Less than 0.95

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

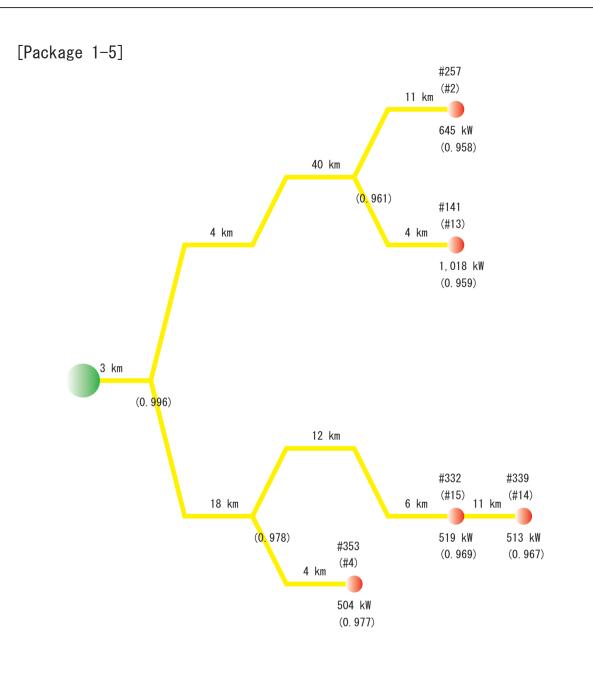
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Kapiri Mposhi 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

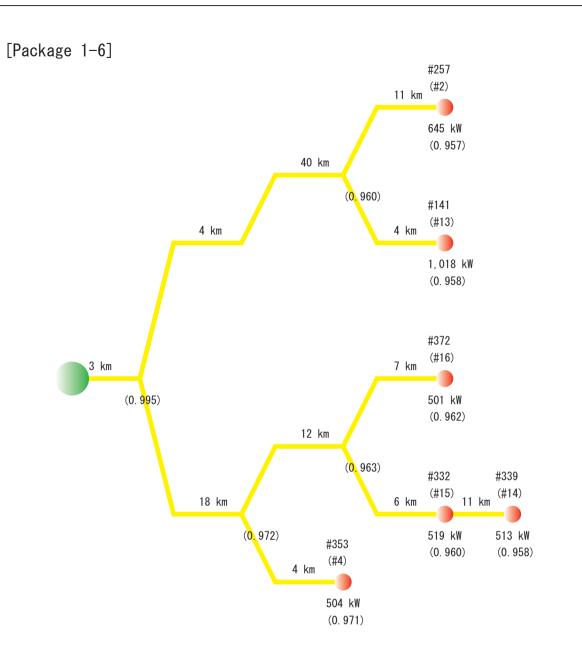
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kapiri Mposhi 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

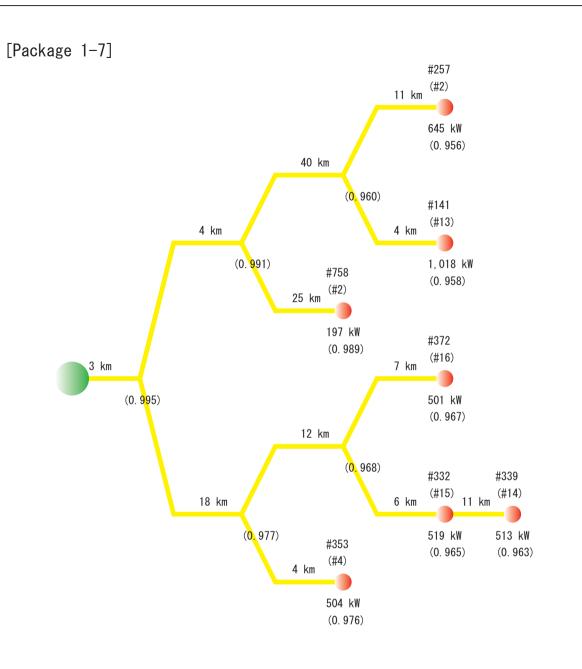
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kapiri Mposhi SS Feeder 1 (Package 1-6)





: 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

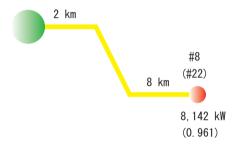
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kapiri Mposhi SS Feeder 1 (Package 1-7)

### [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



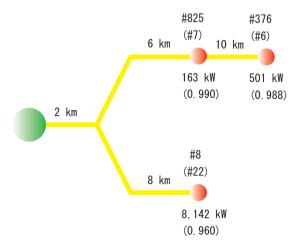
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kapiri Mposhi 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



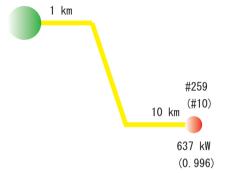
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kapiri Mposhi SS Feeder 2 (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



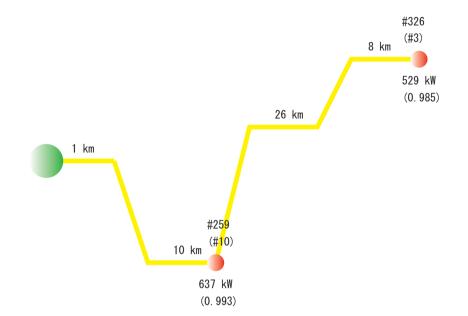
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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



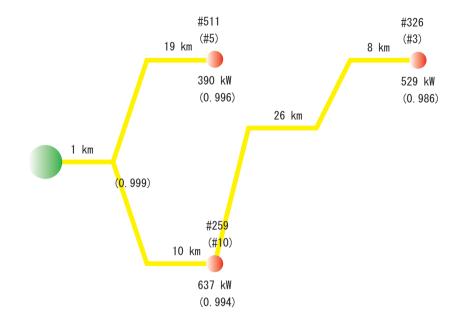
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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



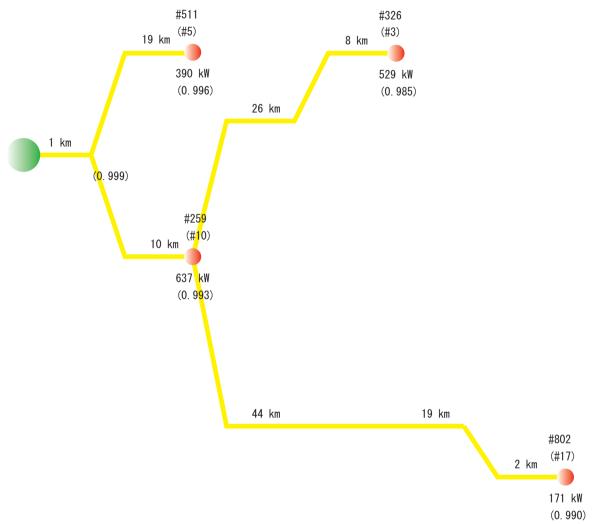
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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

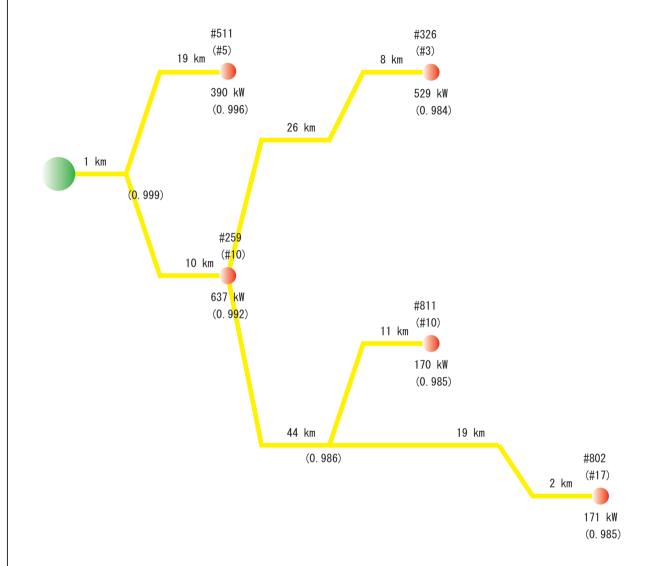
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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

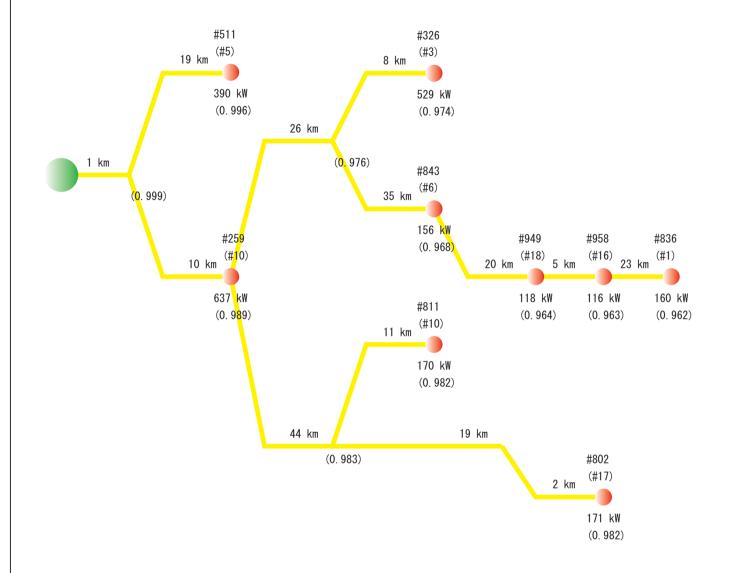
**Tokyo Electric Power Company** 

Drawing No.

Title

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

## [Package 1-6]



# Legend



: 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

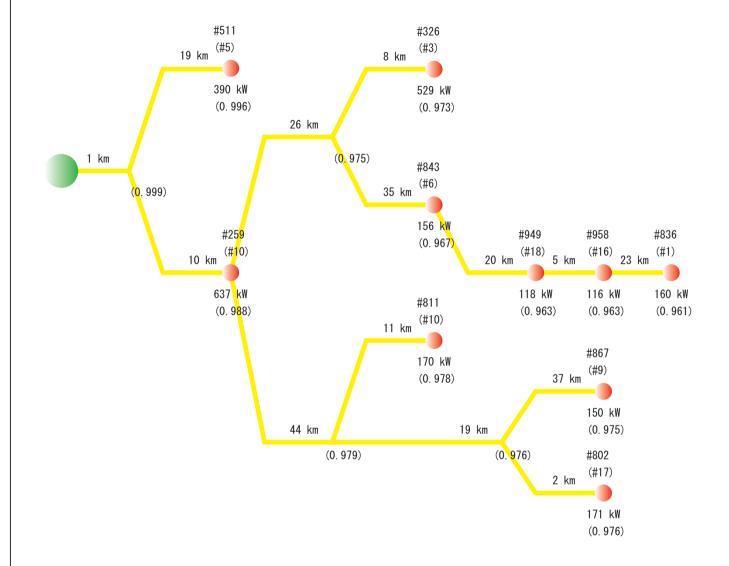
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kasama SS Feeder 1 (Package 1-6)

## [Package 1-7]



# Legend



: Power Source (Substation)



: RGC



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

XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) : Vo (0. XXX)

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

Red : Less than 0.95



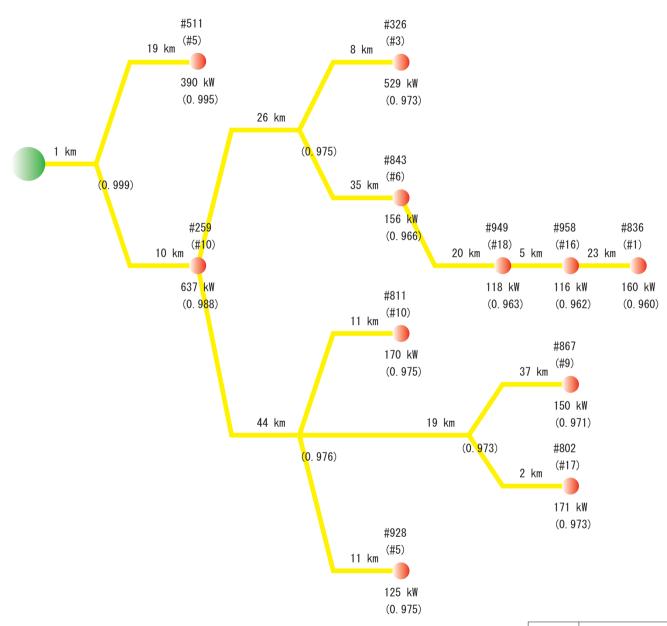
The Study for Development of the Rural Electrification Master Plan in Zambia



Title

Drawing No.

## [Package 1-8]



# 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) : Vo (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

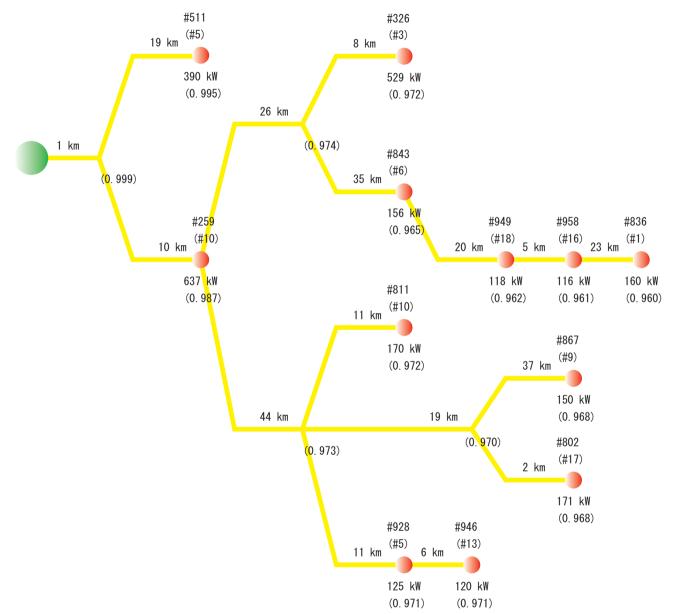
Tokyo Electric Power Company

Drawing No.

DL System at Kasama SS Feeder 1 (Package 1-8)

Title

#### [Package 1-9]



# Legend



: 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



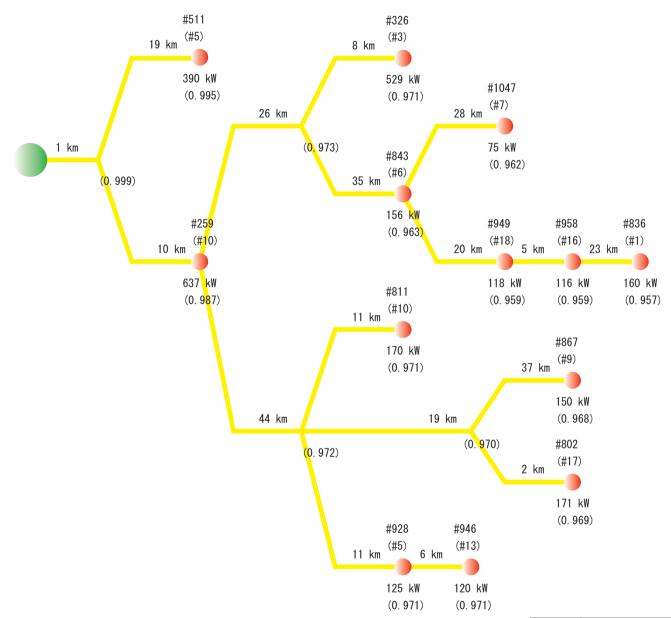
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama SS Feeder 1 (Package 1-9)

## [Package 1-10]



# 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

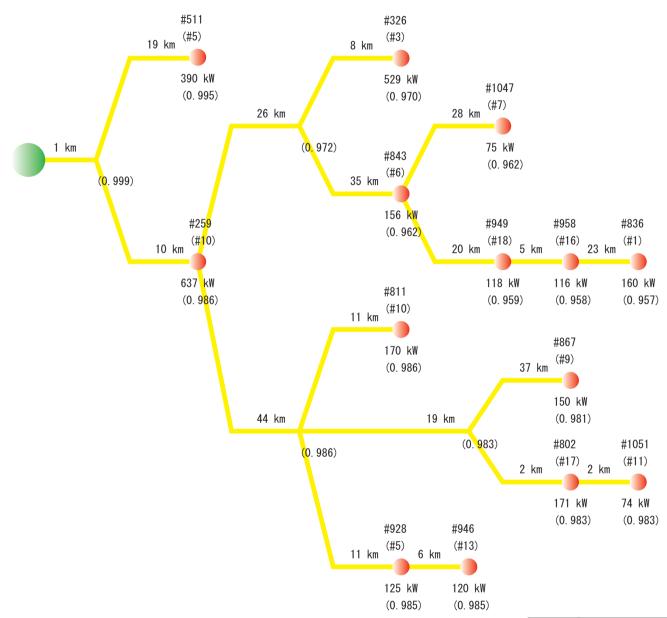
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama SS Feeder 1 (Package 1-10)

#### [Package 1-11]



# 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

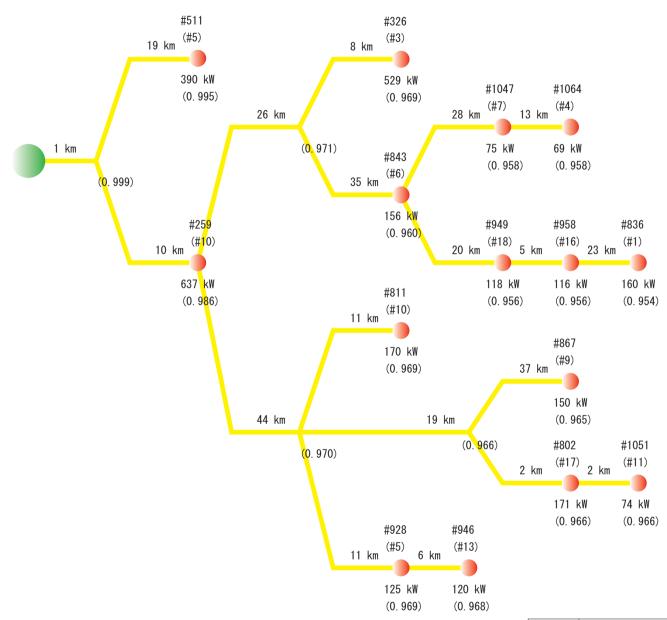
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama SS Feeder 1 (Package 1-11)

#### [Package 1-12]



# 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

Drawing No.

Title

DL System at Kasama SS Feeder 1 (Package 1-12)

## [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



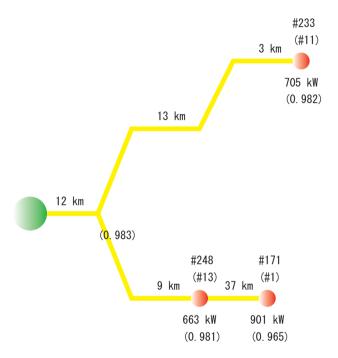
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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

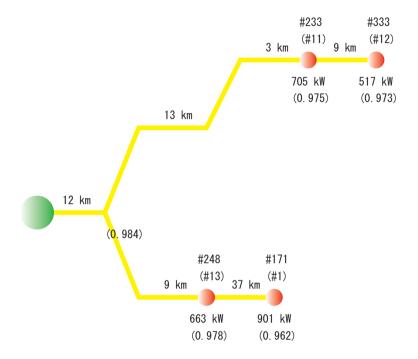
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasama 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

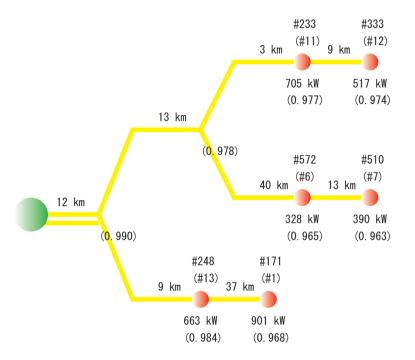


Drawing No.

Title

DL System at Kasama 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



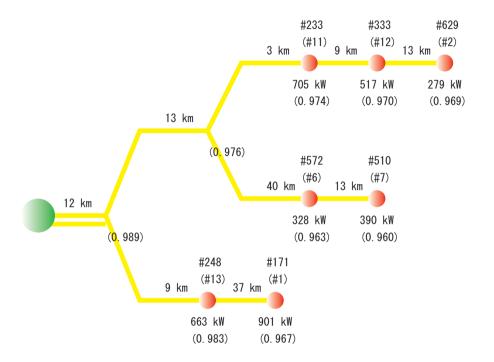
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kasama 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



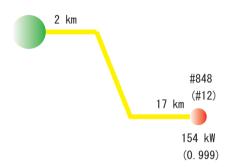
**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [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



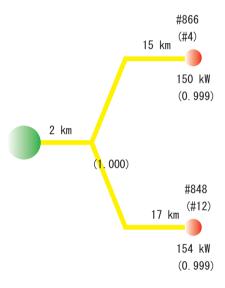
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasempa 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



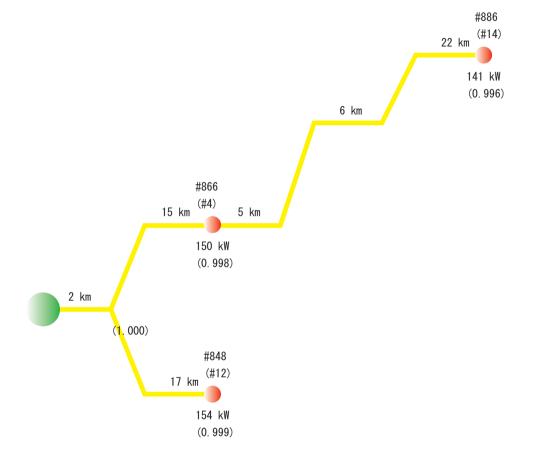
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasempa 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

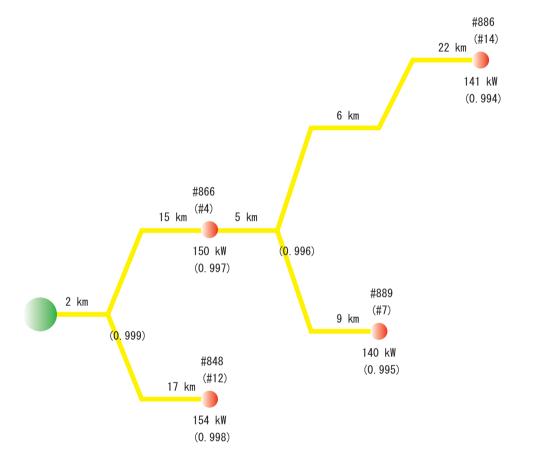
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasempa 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

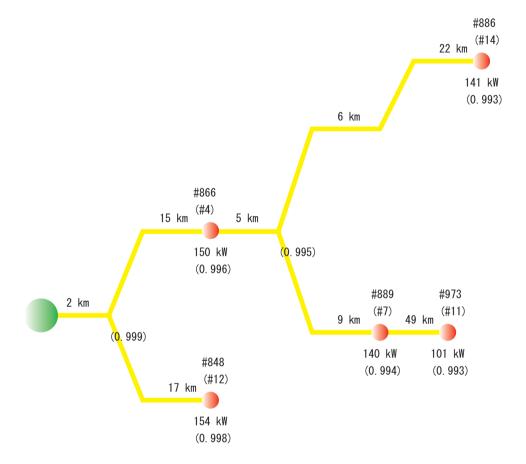
Tokyo Electric Power Company

Drawing No.

Title

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

## [Package 1-5]



# 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



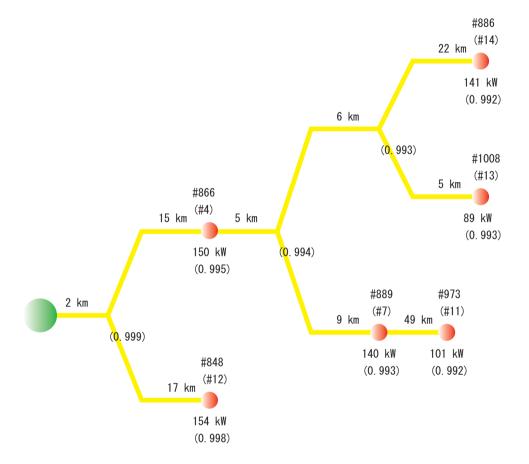
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kasempa 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

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 Kasempa SS Feeder 1 (Package 1-6)

## [Package 1-7]







: 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



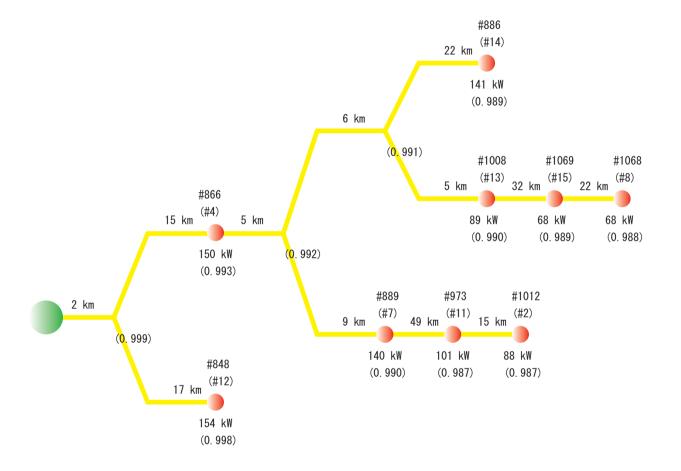
**Tokyo Electric Power Company** 

Drawing No.

Title

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

## [Package 1-8]



# 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



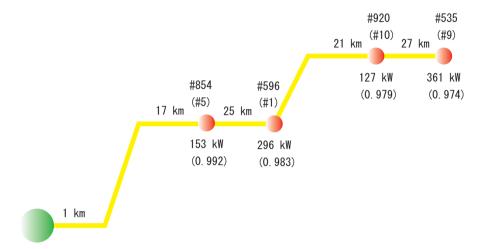
the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

DL System at Kasempa SS Feeder 1 (Package 1-8)

Drawing No.

# [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



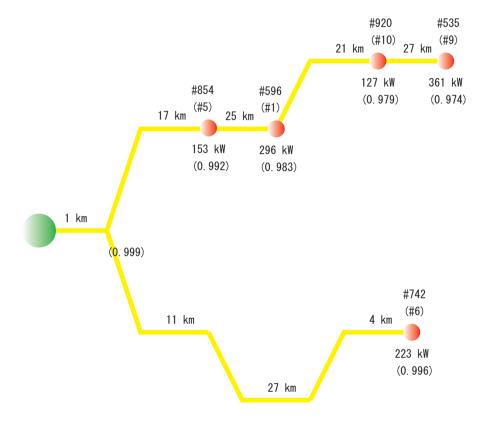
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasempa 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



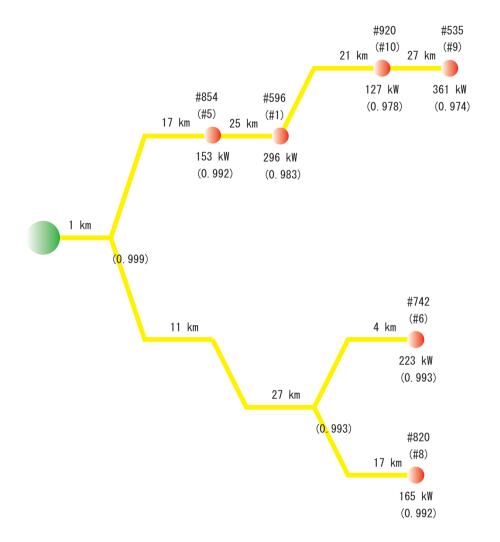
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kasempa 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



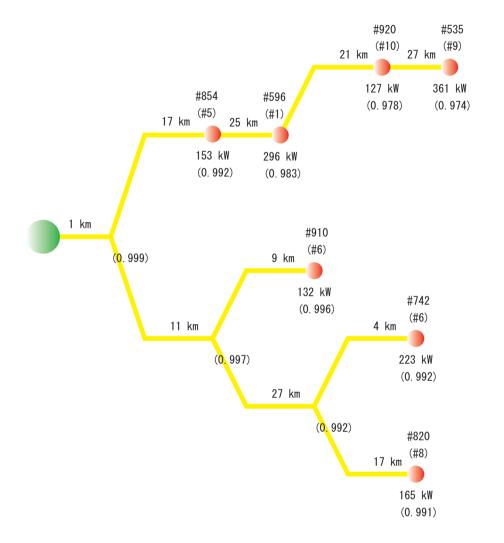
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kasempa 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



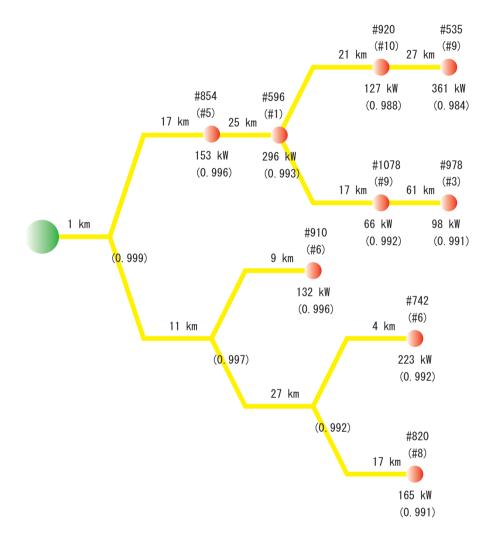
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kasempa 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

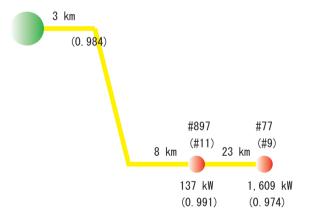
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No. Title

DL System at Kasempa 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

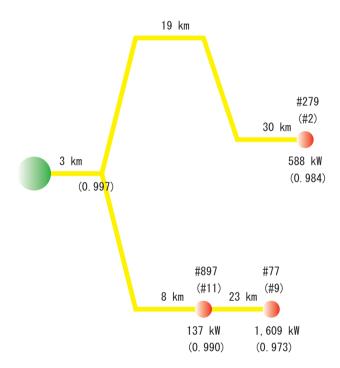
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kawambwa Tea 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



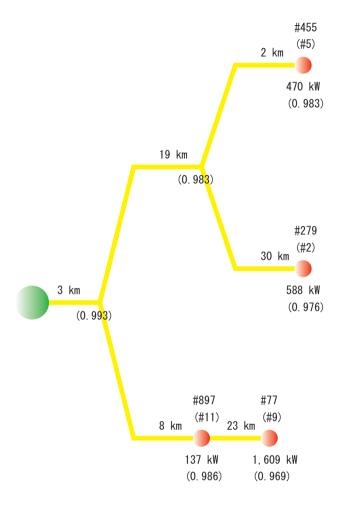
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kawambwa Tea 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

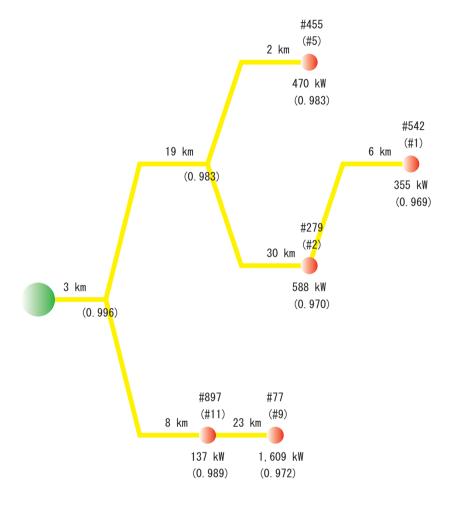
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea 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

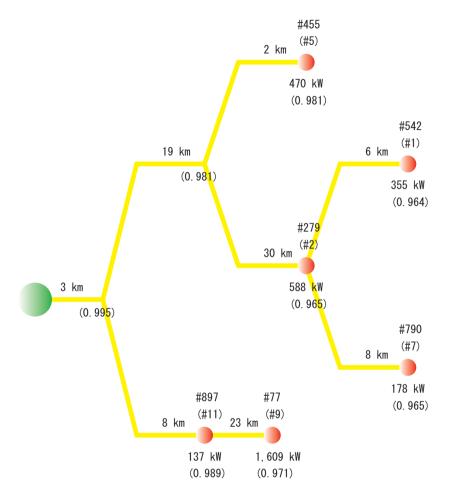
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea 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

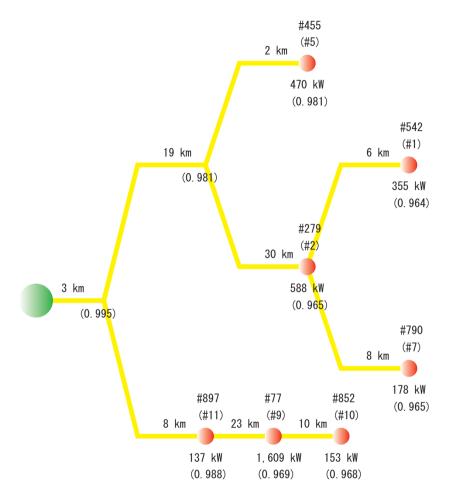
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea 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 Red : Less than 0.95



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



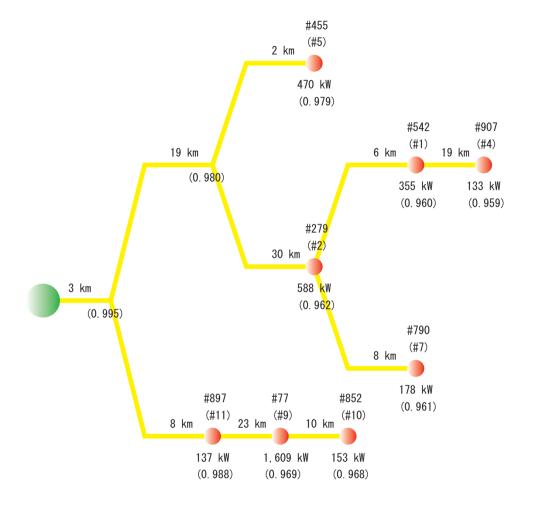
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea SS Feeder 1 (Package 1-6)

#### [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 Study for Development of the Rural Electrification Master Plan in Zambia

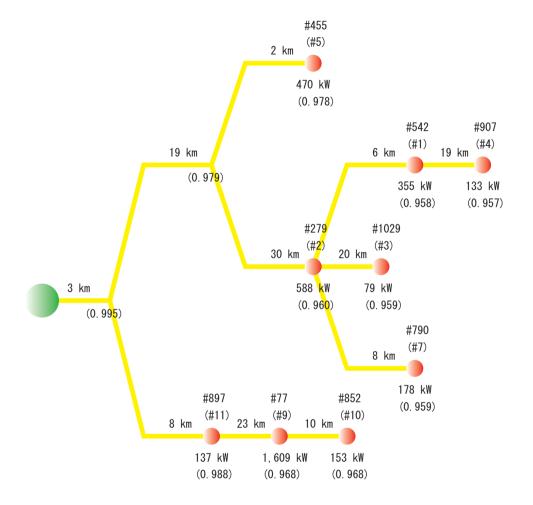
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea SS Feeder 1 (Package 1-7)

#### [Package 1-8]



#### 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



**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Kawambwa Tea 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

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

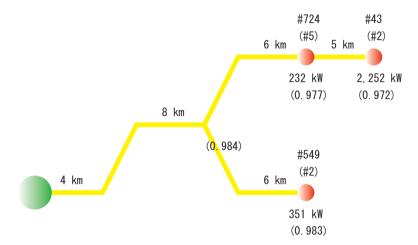
Tokyo Electric Power Company

Title

Drawing No.

DL System at Kitwe 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

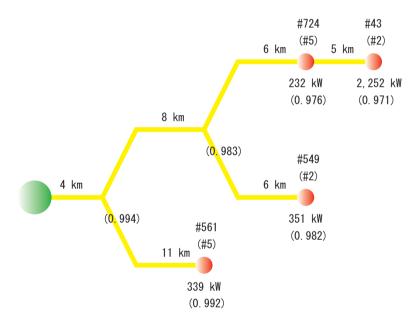
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kitwe 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

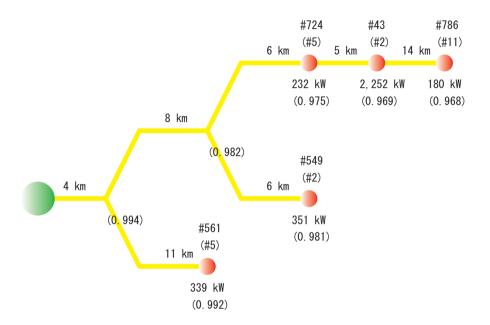
Tokyo Electric Power Company

Drawing No.

Title

DL System at Kitwe 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



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



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

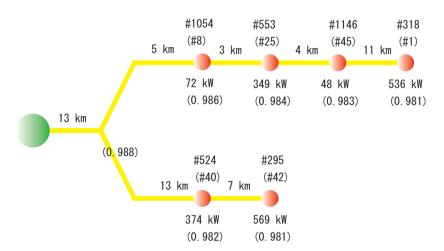
Tokyo Electric Power Company

Drawing No.

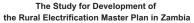
Title

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

#### [Package 2-2]









Drawing No.

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

Legend

: RGC

\_\_\_ : 33kV DL

XXX kW : Demand

# X X

XX km

(0. XXX)

(0. XXX)

: Power Source (Substation)

: Priority by Consultant

: Distance between PS and RGC

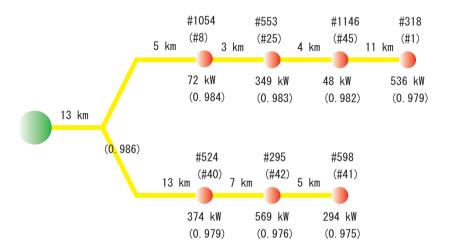
: Voltage (P.U.) Black: More than 0.95

Red : Less than 0.95

(#XX) : Priority by Each District



[Package 2-3]





The Study for Development of

Title

Drawing No.

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

Legend

: RGC

\_\_\_ : 33kV DL

XXX kW : Demand

# X X

XX km

(0. XXX)

(0. XXX)

: Power Source (Substation)

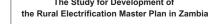
: Priority by Consultant

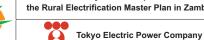
: Distance between PS and RGC

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

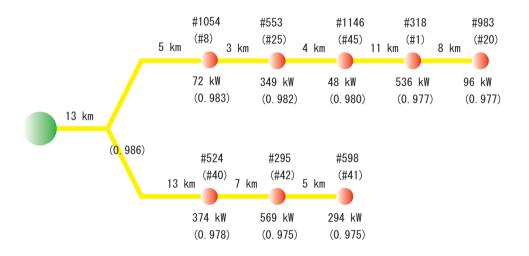
Red : Less than 0.95

(#XX) : Priority by Each District





[Package 2-4]







: 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



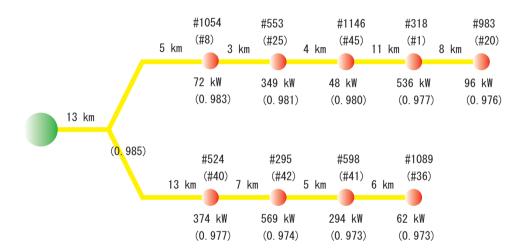
The Study for Development of the Rural Electrification Master Plan in Zambia

Drawing No.

Title

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

[Package 2-5]





the Rural Electrification Master Plan in Zambia

Title

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

Legend

: RGC

\_\_\_ : 33kV DL

XXX kW : Demand

# X X

XX km

(0. XXX)

(0. XXX)

: Power Source (Substation)

: Priority by Consultant

: Distance between PS and RGC

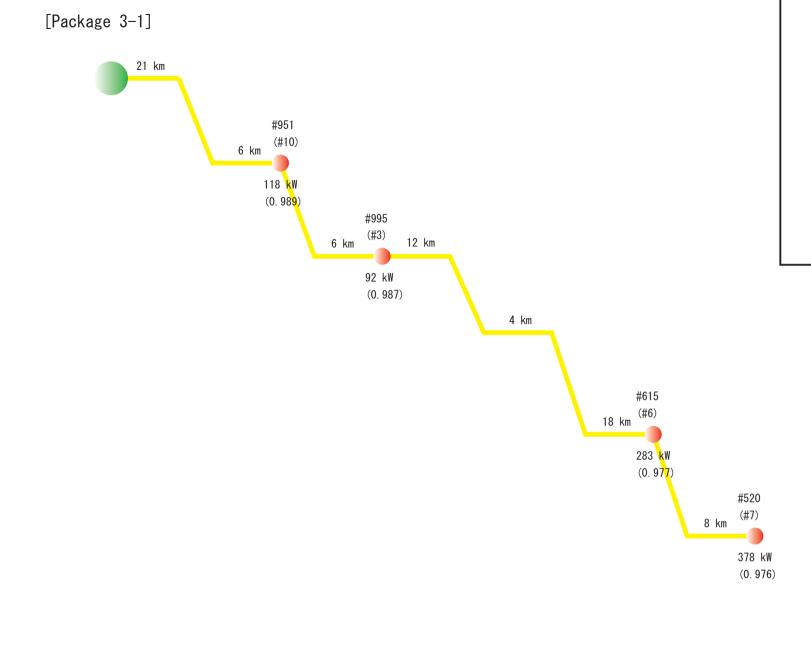
Black: More than 0.95

Red : Less than 0.95

(#XX) : Priority by Each District

: Voltage (P.U.)

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)

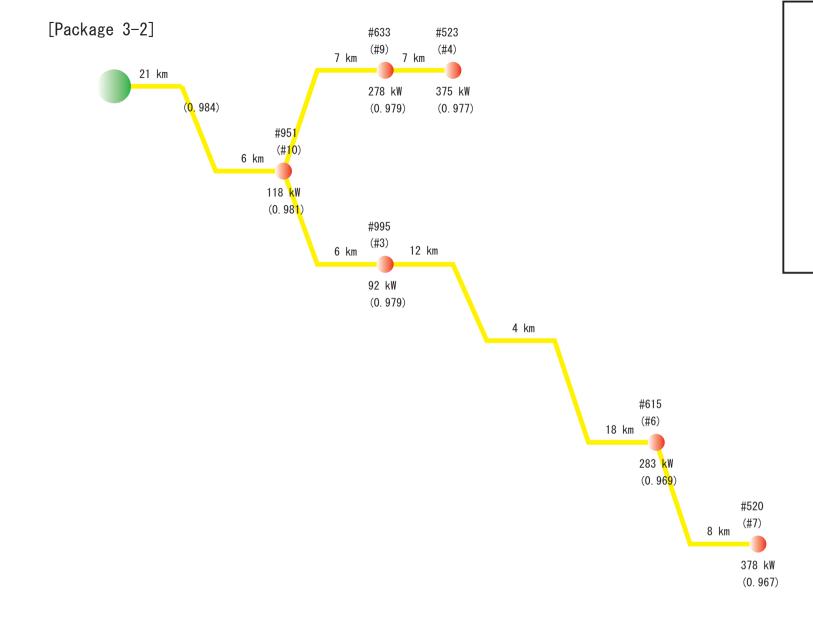
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

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

Drawing No. Title

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

Tokyo Electric Power Company







: 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

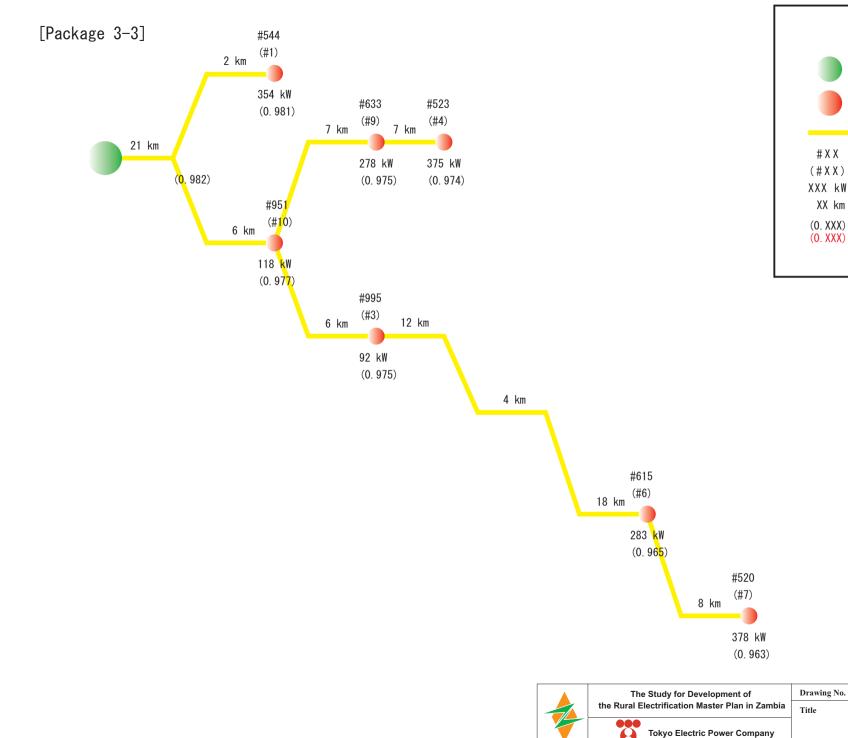
The Study for Development of the Rural Electrification Master Plan in Zambia

**Tokyo Electric Power Company** 

Drawing No.

Title

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



: Power Source (Substation)

: RGC

= : 33kV DL

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

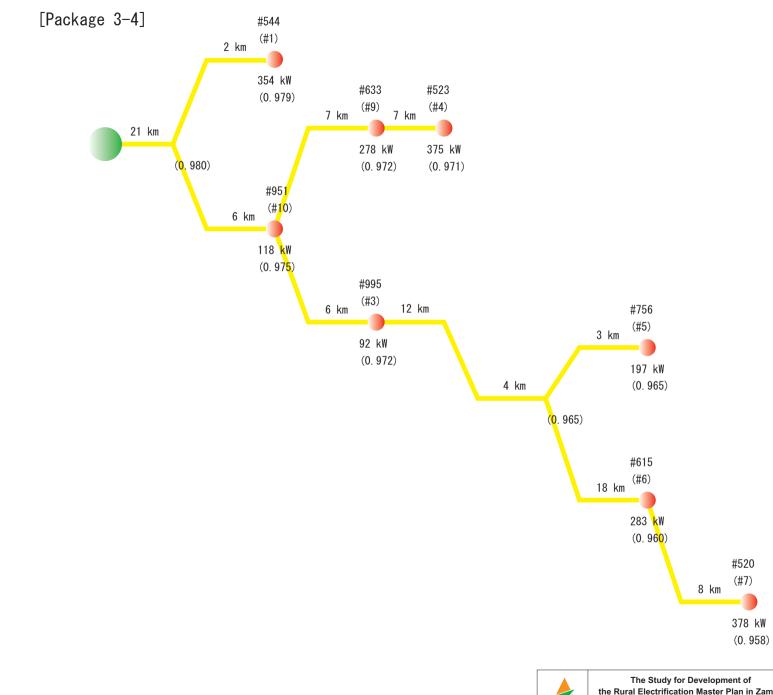
XXX kW : Demand

XX km : Distance between PS and RGC

(0. XXX) (0. XXX)

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

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





: Power Source (Substation)



: 33kV DL

: 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

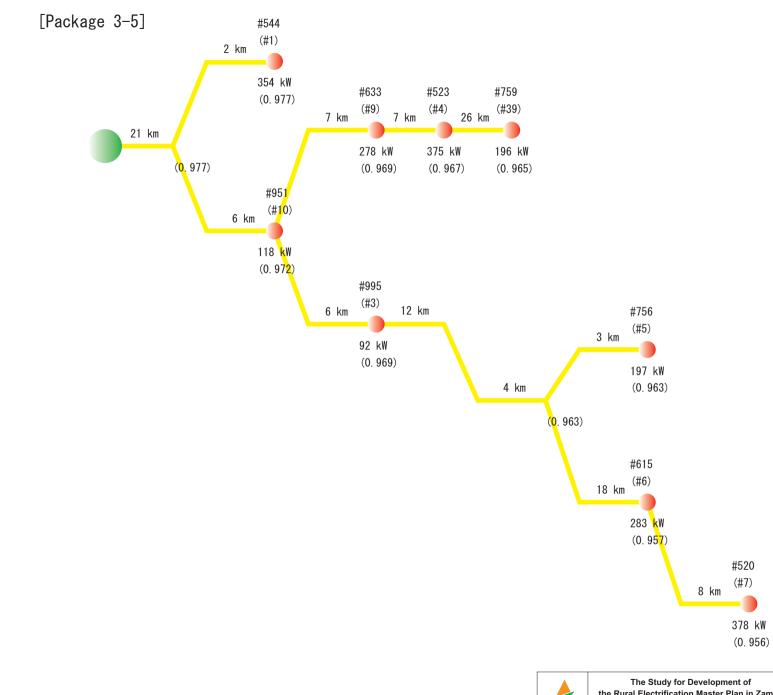
**Tokyo Electric Power Company** 

the Rural Electrification Master Plan in Zambia

Drawing No.

Title

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





: Power Source (Substation)



: 33kV DL

: 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



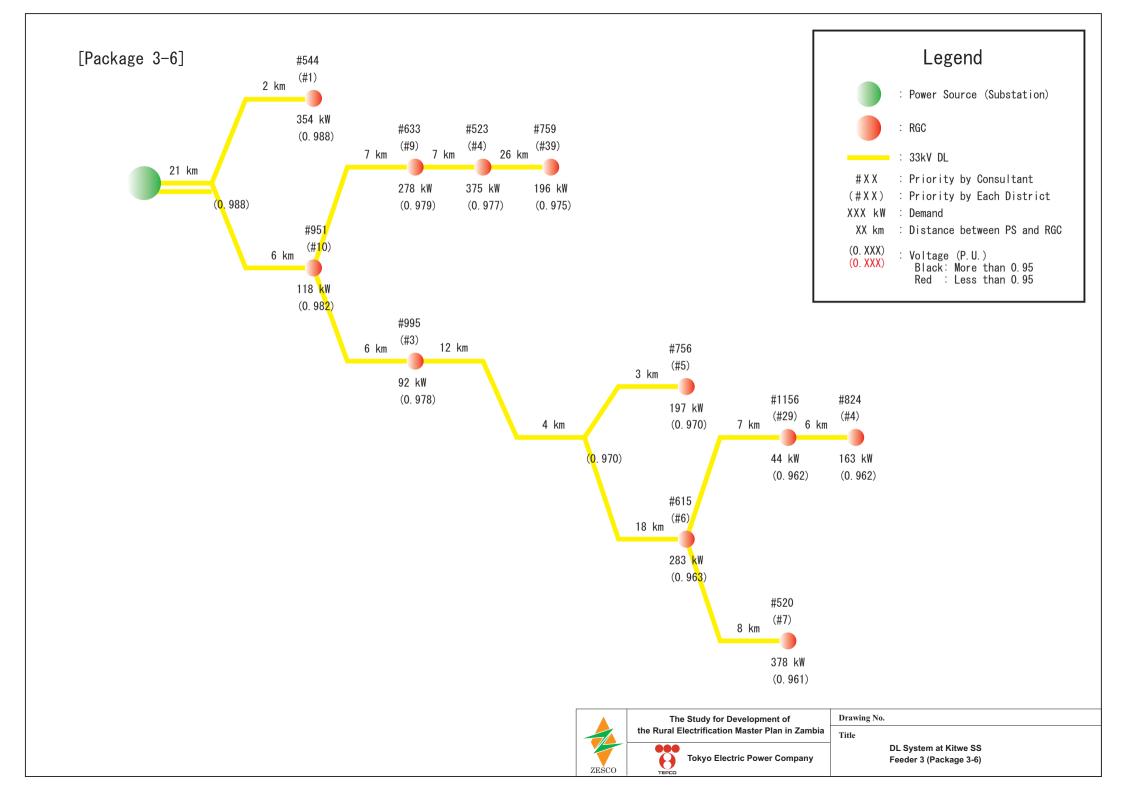
the Rural Electrification Master Plan in Zambia

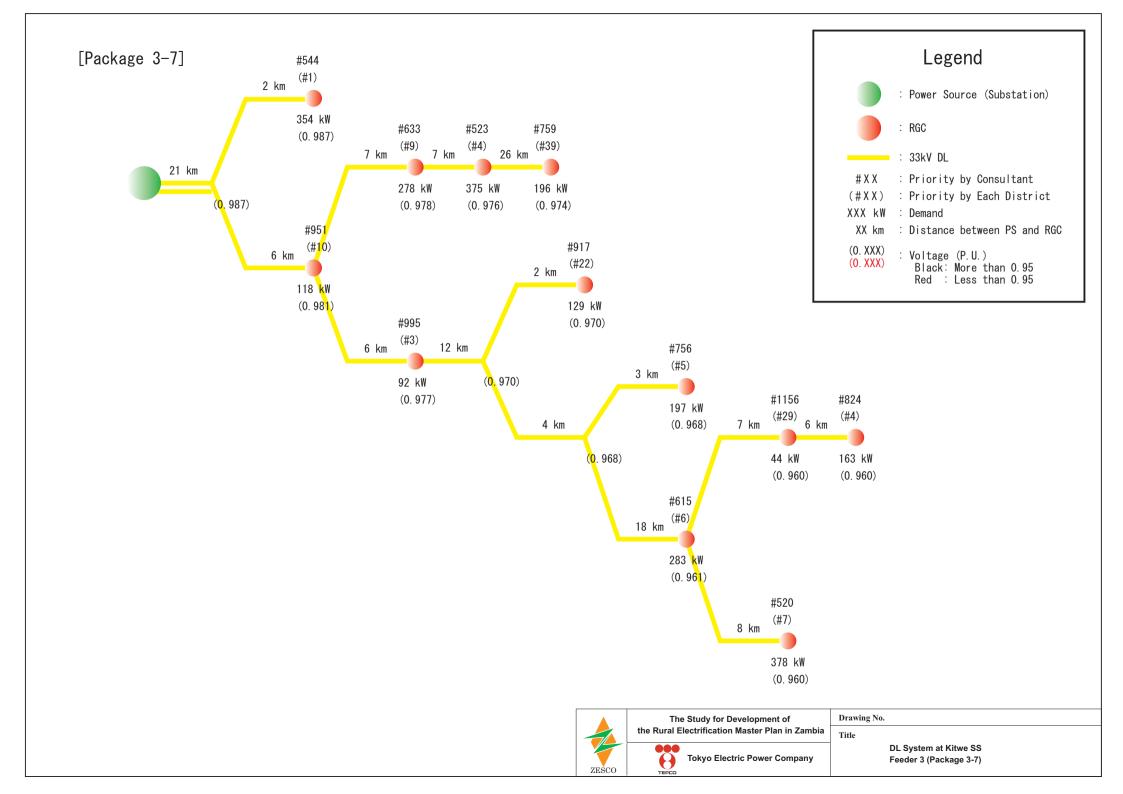
**Tokyo Electric Power Company** 

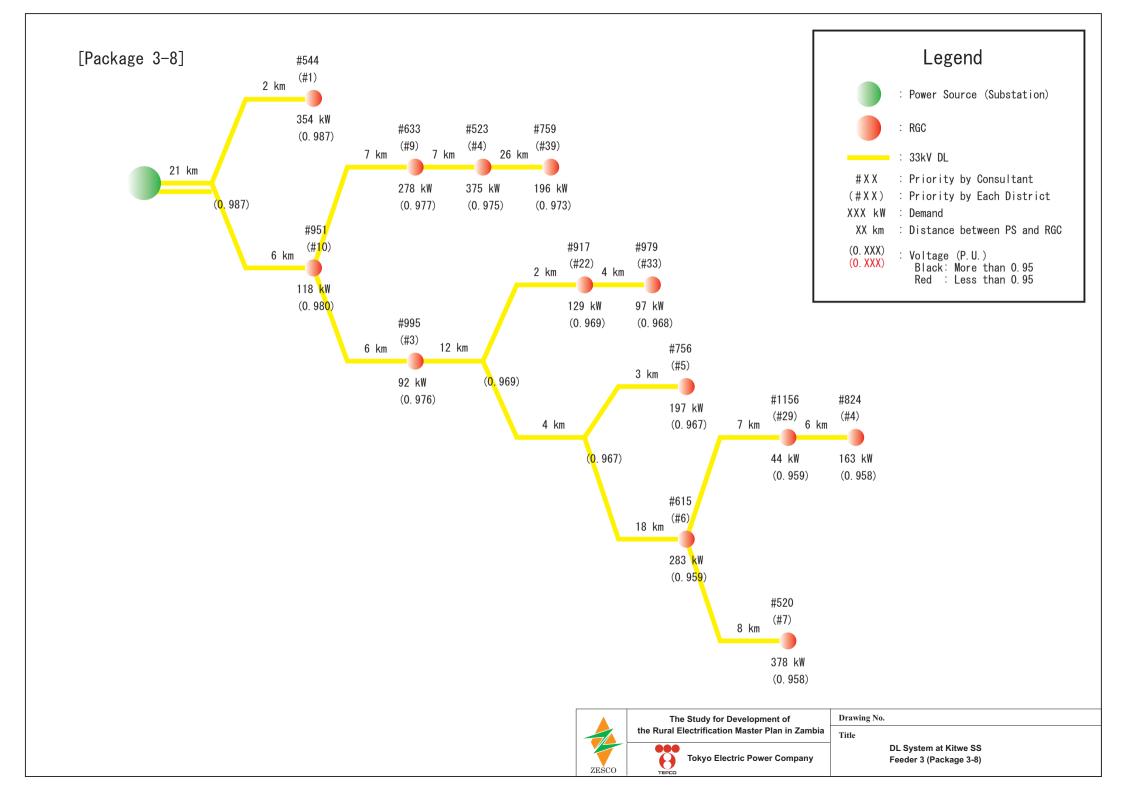
Drawing No.

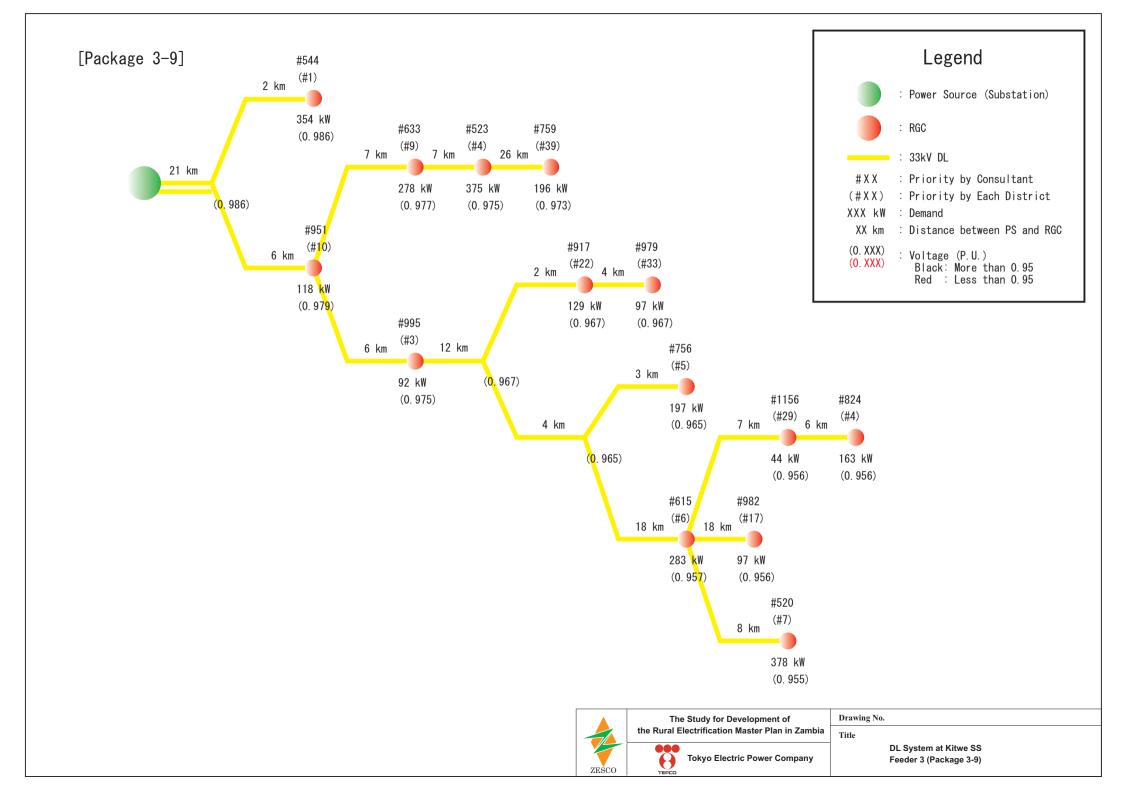
Title

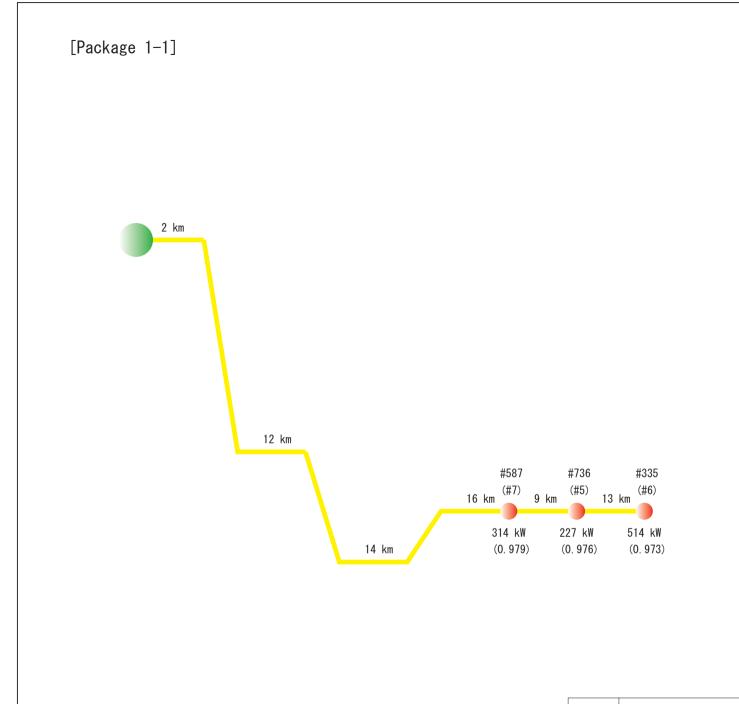
DL System at Kitwe SS Feeder 3 (Package 3-5)













: 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

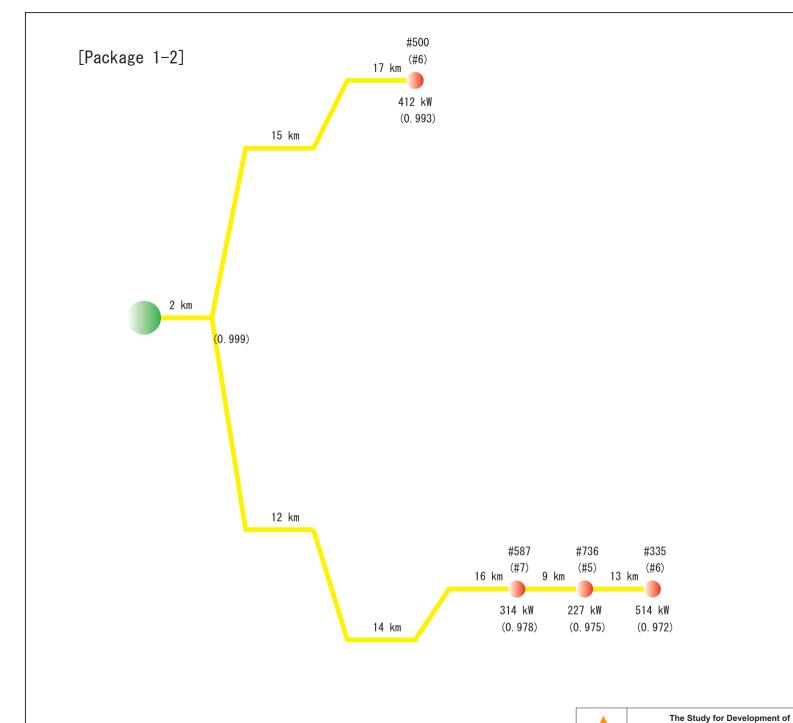
The Study for Development of the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

Drawing No.

Title

DL System at Leopard's Hill SS Feeder 1 (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

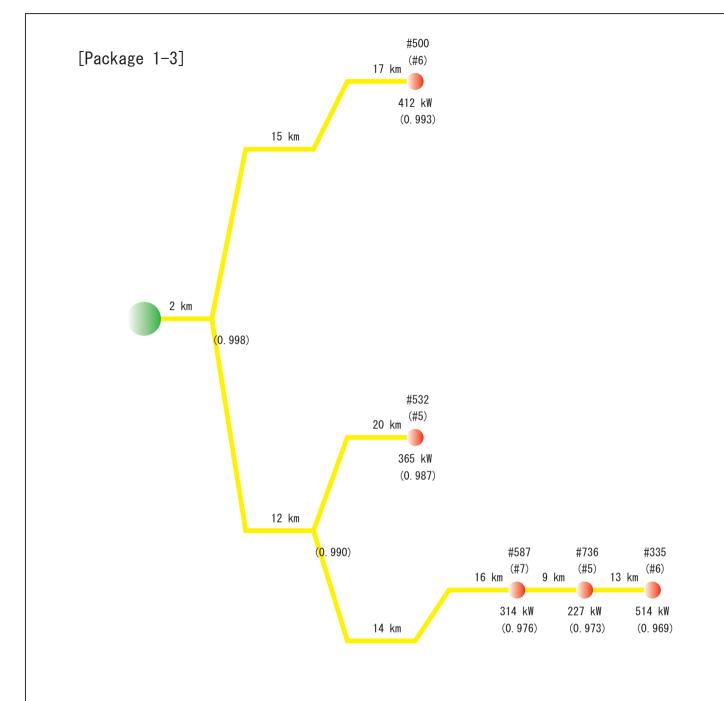
(0. XXX) (0. XXX)

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

Drawing No.

Title

DL System at Leopard's Hill SS Feeder 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

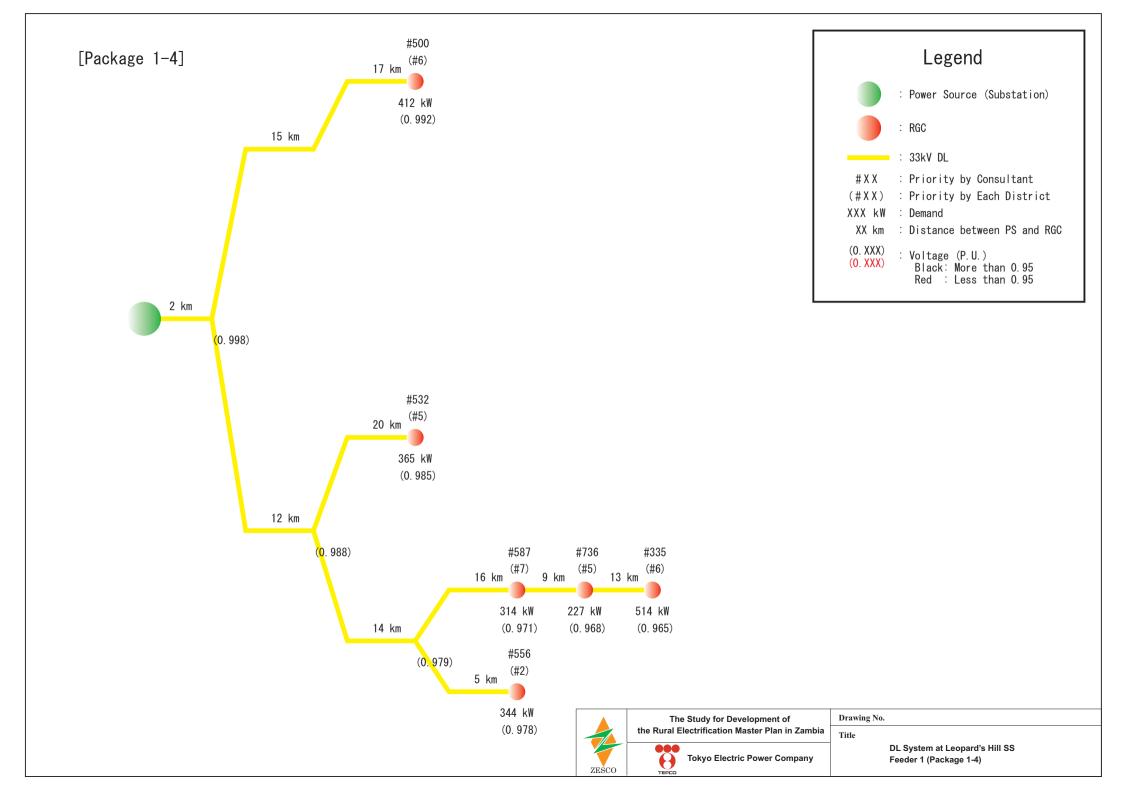
The Study for Development of the Rural Electrification Master Plan in Zambia

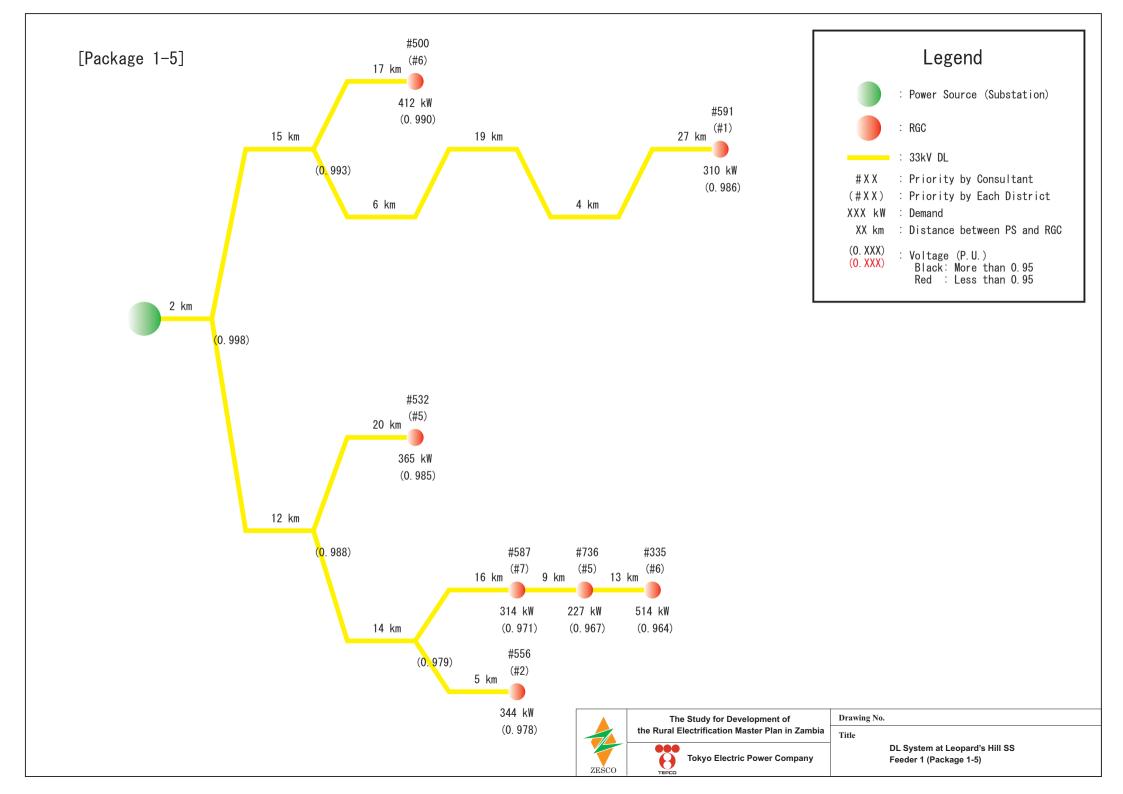
**Tokyo Electric Power Company** 

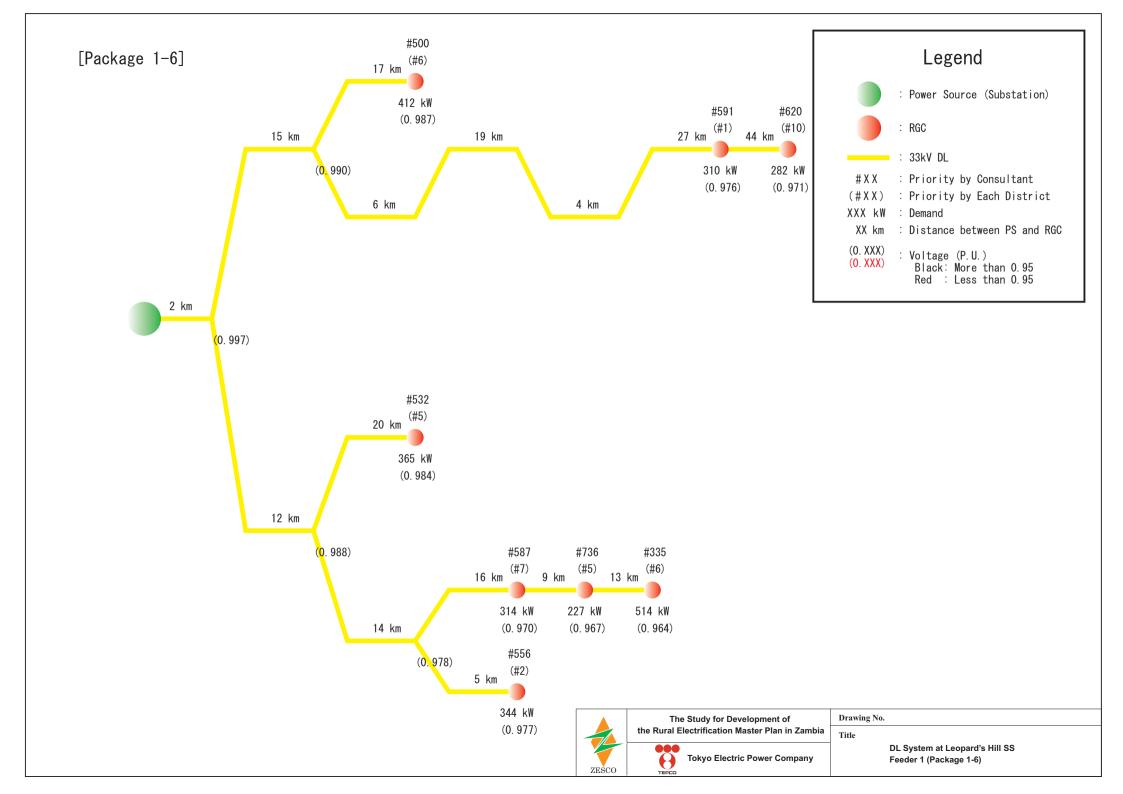
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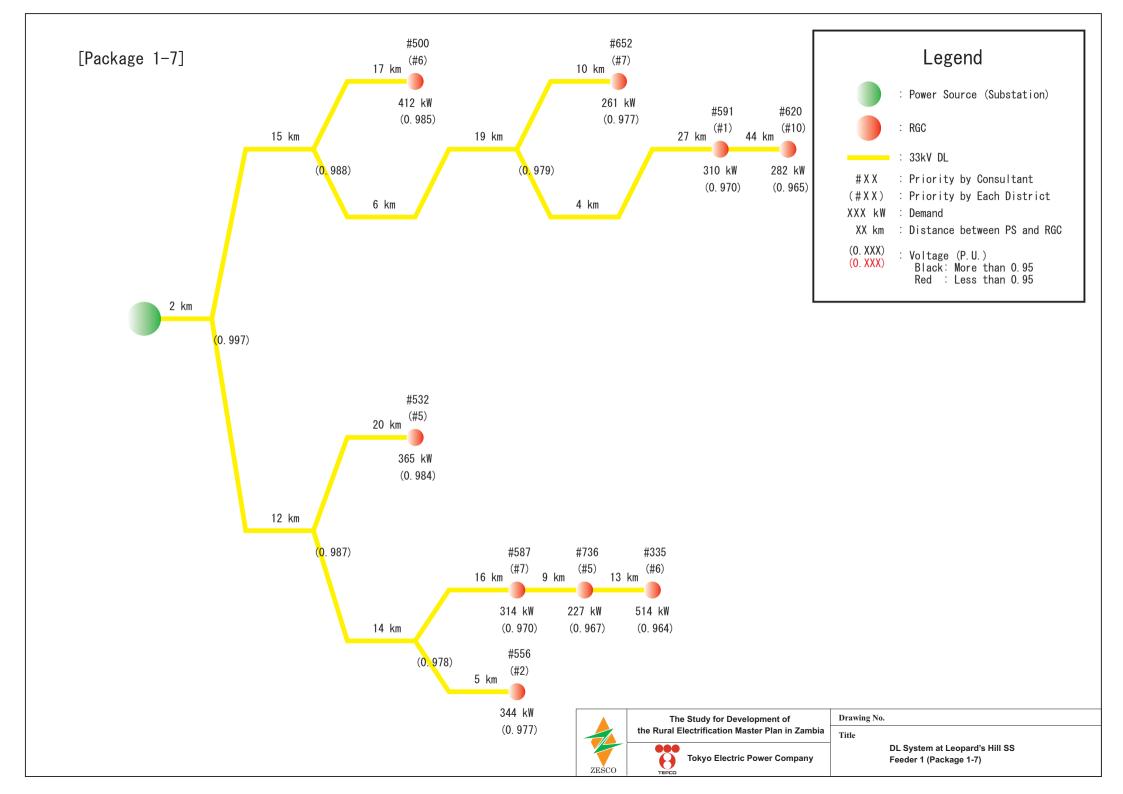
Drawing No.

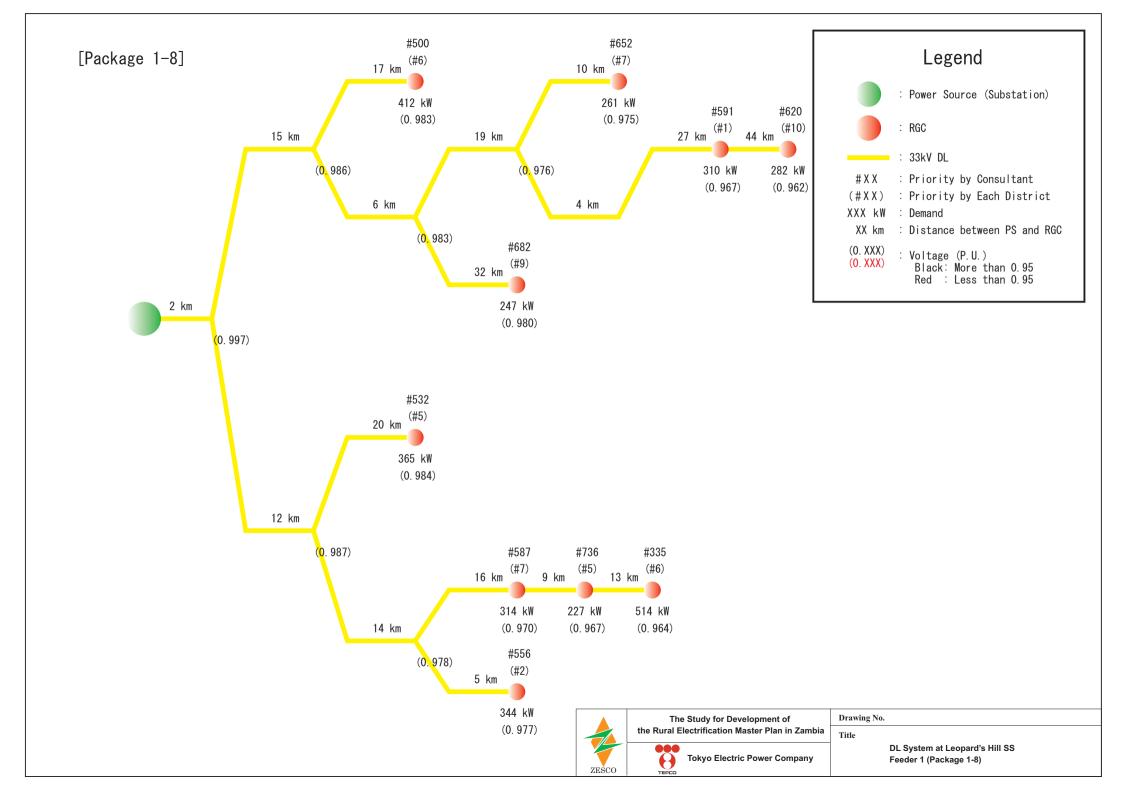
DL System at Leopard's Hill SS Feeder 1 (Package 1-3)

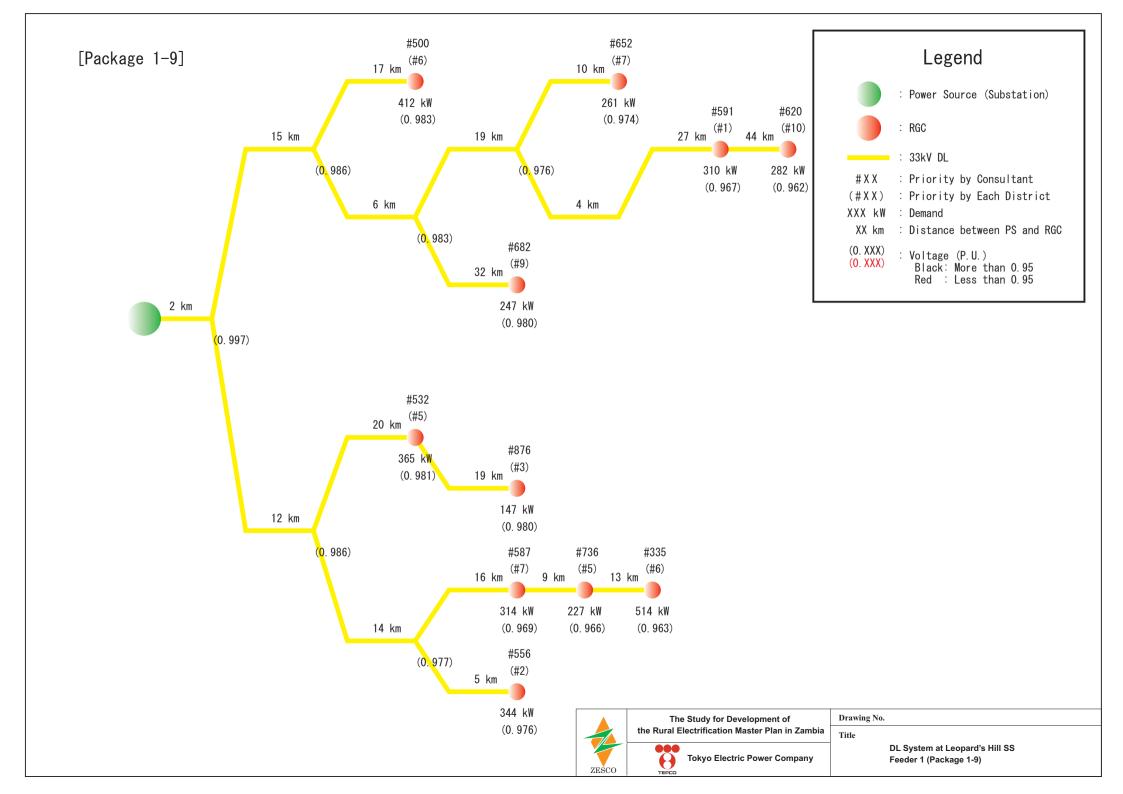


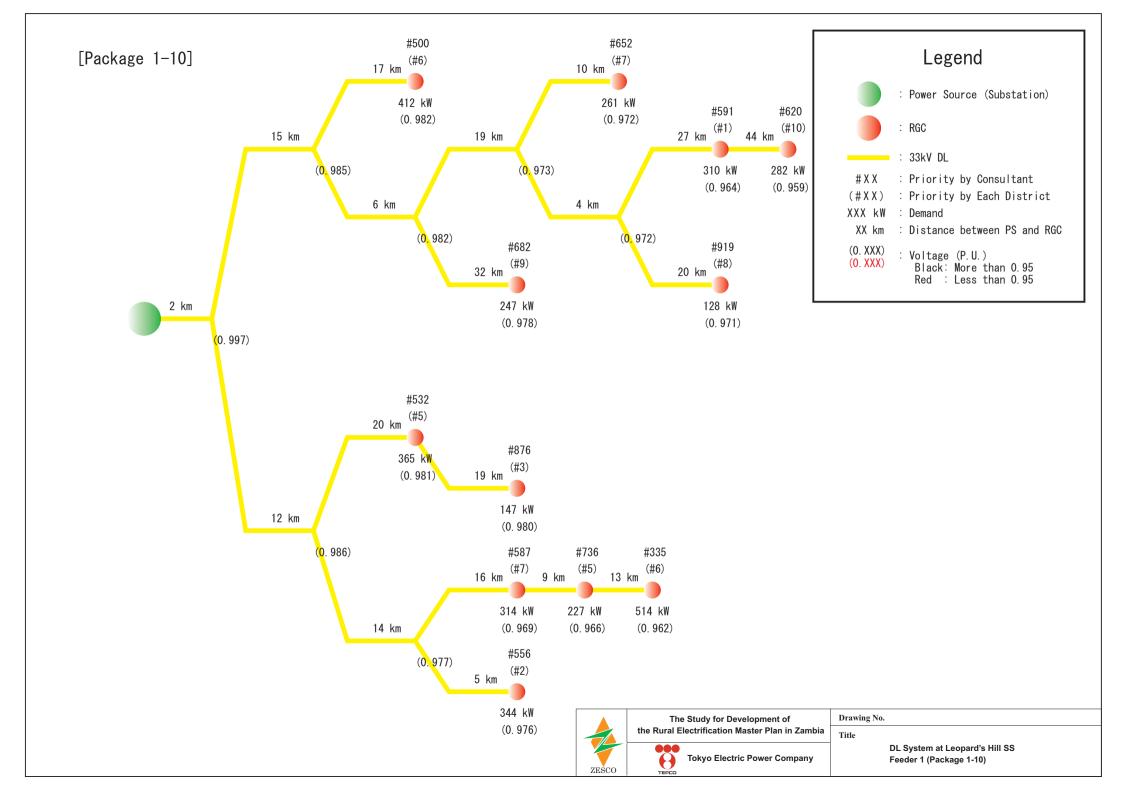


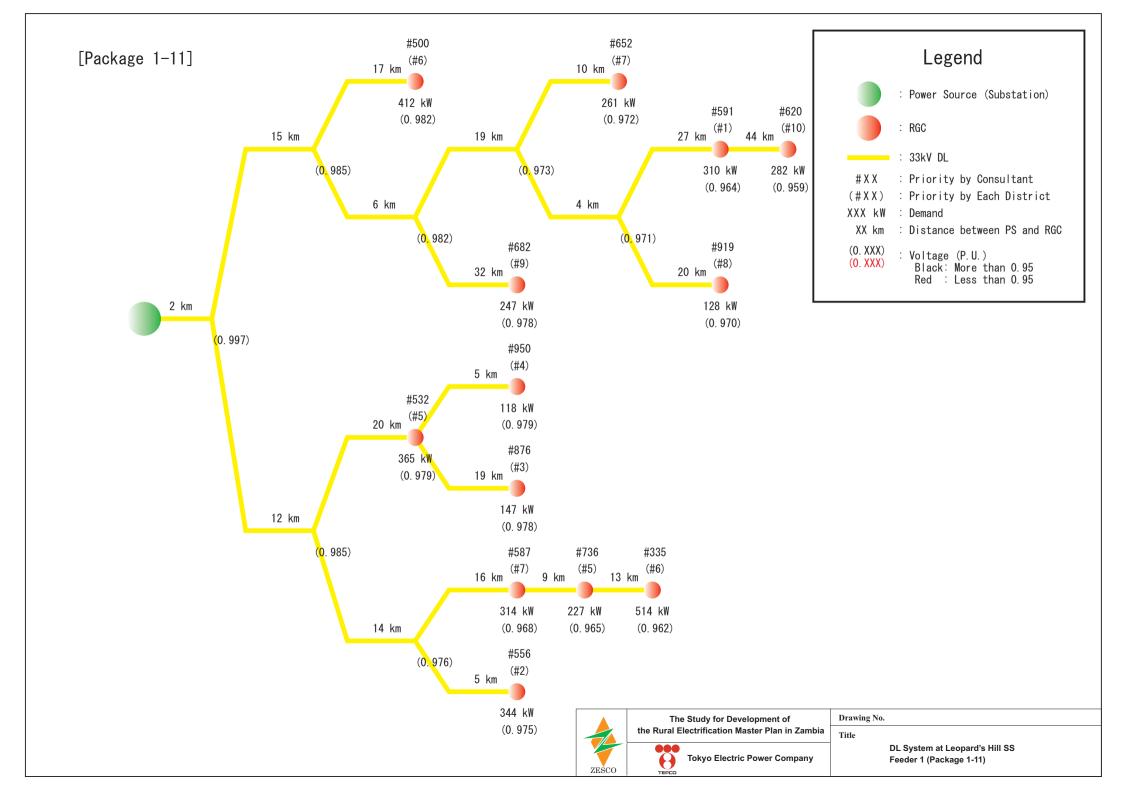




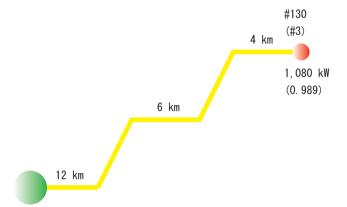








#### [Package 1-1]



# 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

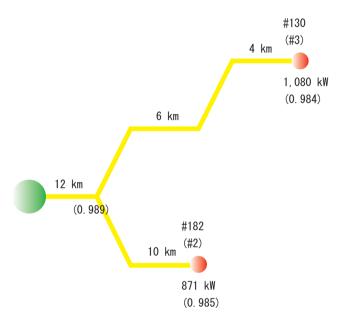
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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



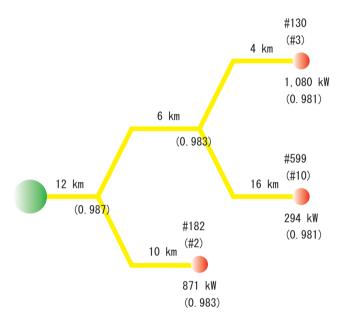
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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

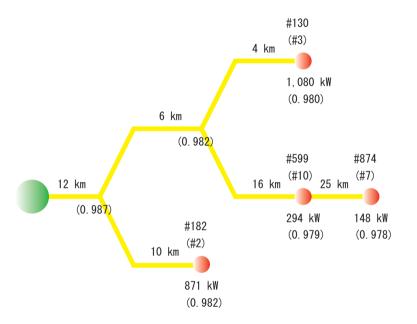
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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



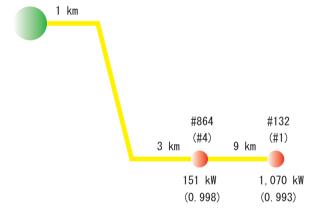
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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

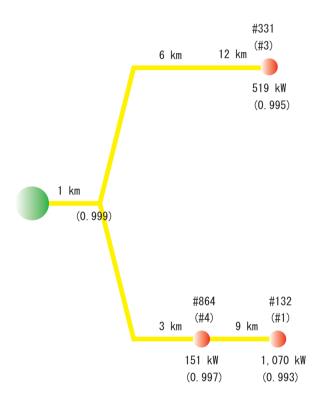
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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

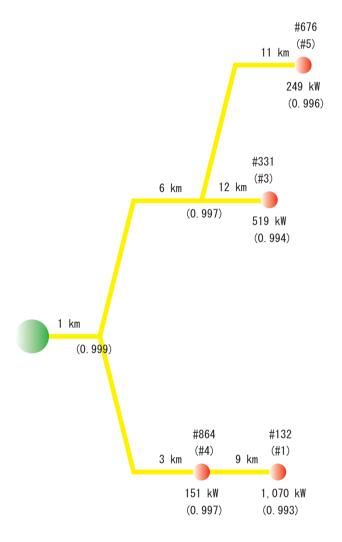
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luano 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

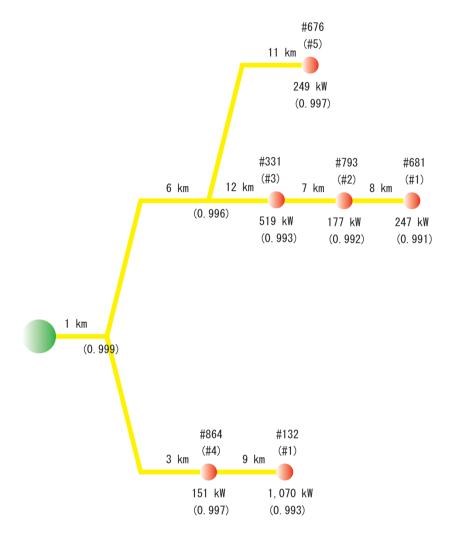
(0. XXX) (0. XXX)

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

Red : Less than 0.95

Drawing No.

#### [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

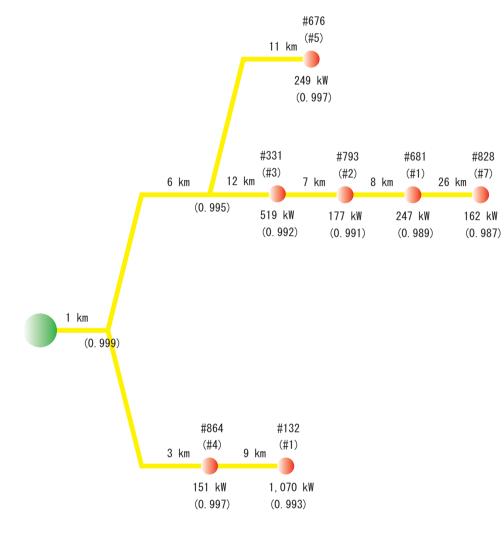
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano 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



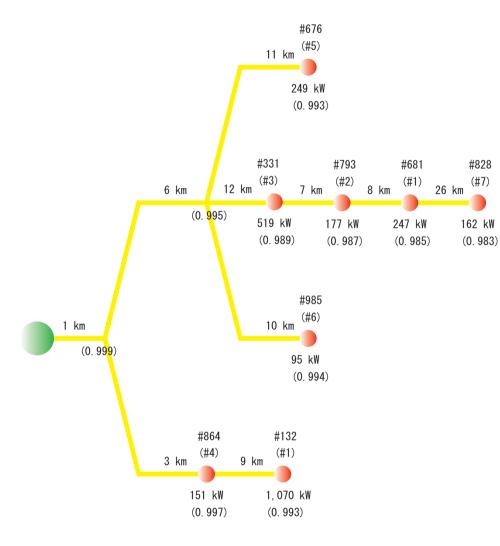
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano 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

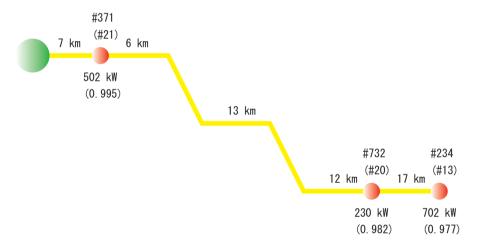
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luano 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

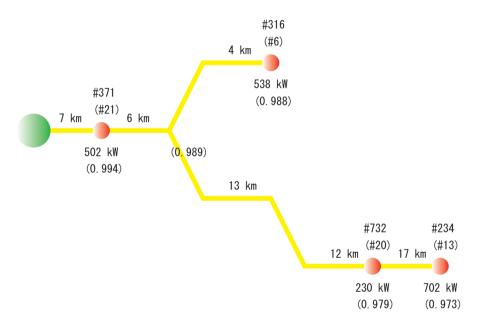
Title

Drawing No.

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

Tokyo Electric Power Company

#### [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



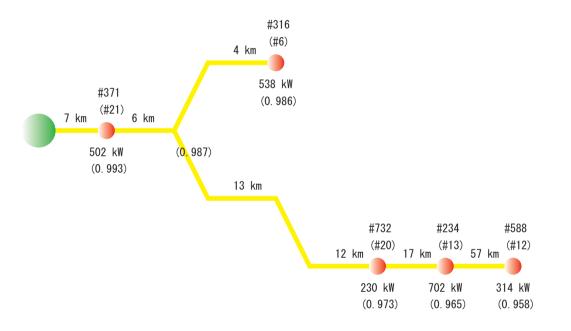
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Lundazi 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



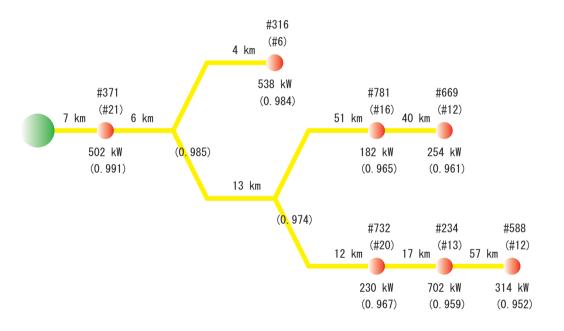
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

# [Package 2-1] 16 km 5 km #547 13 km 352 kW (0.980)7 km #163 5 km

# 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



927 kW (0.975)

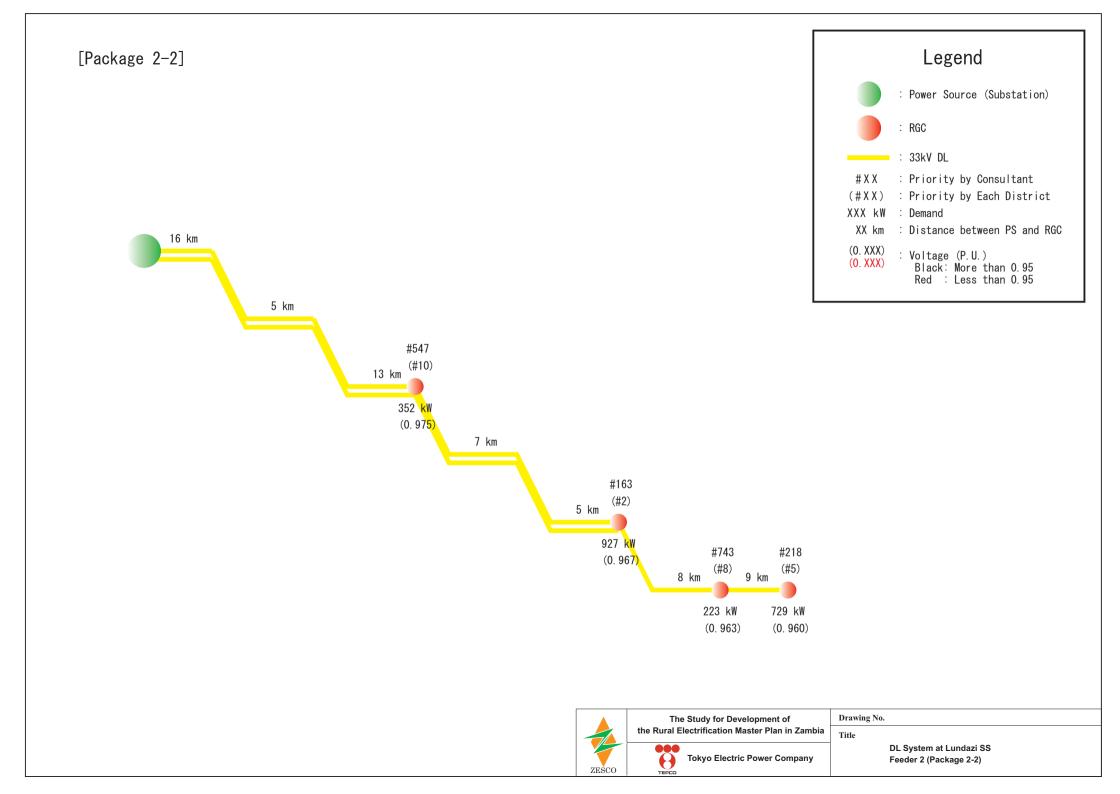
> The Study for Development of the Rural Electrification Master Plan in Zambia

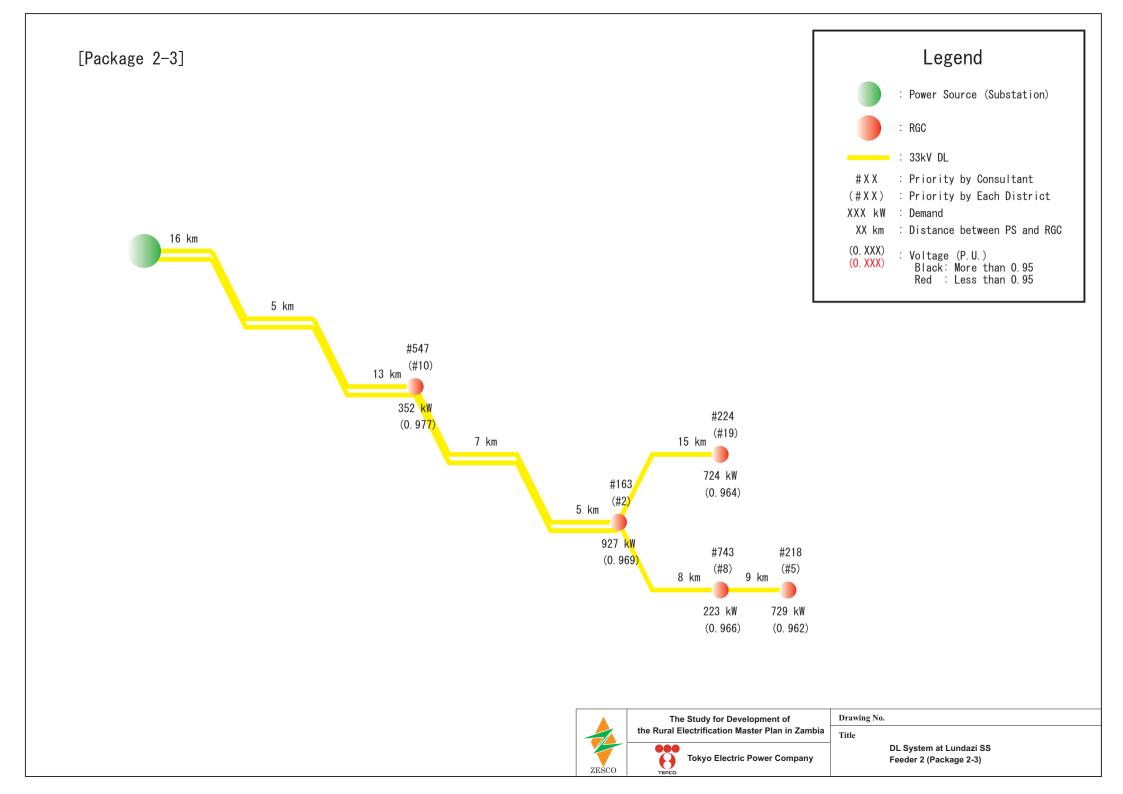
Tokyo Electric Power Company

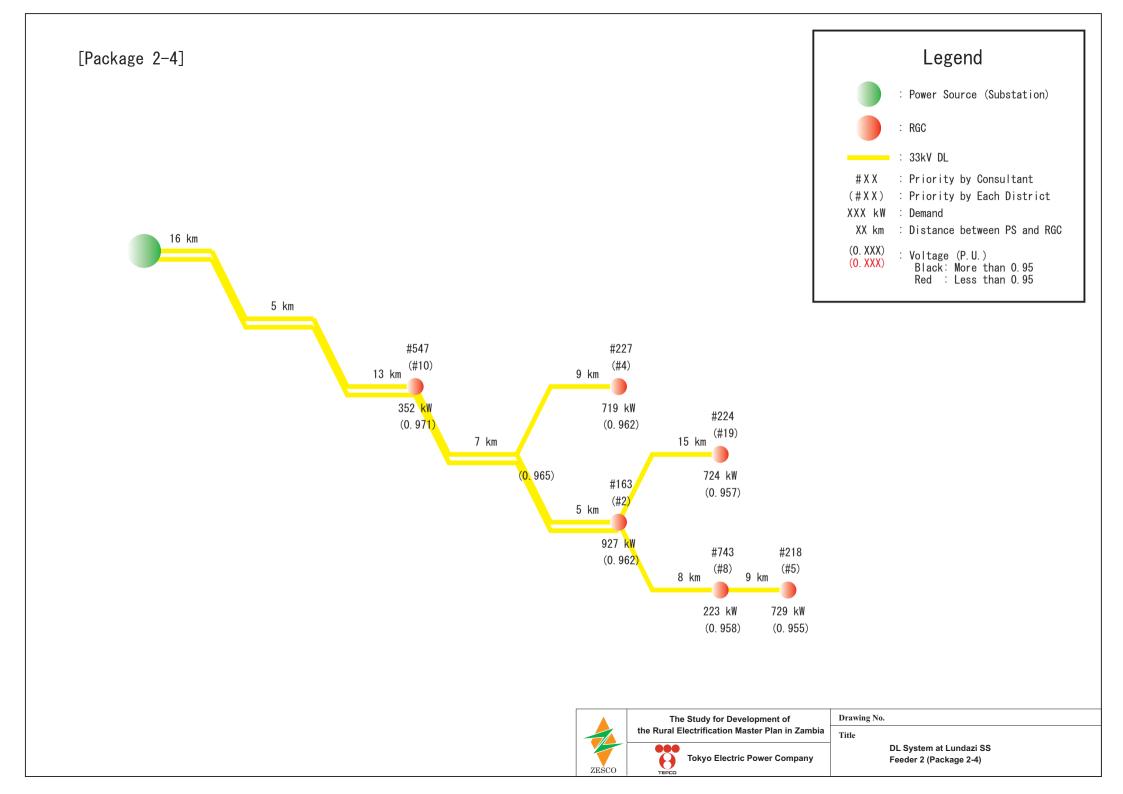
Drawing No.

Title

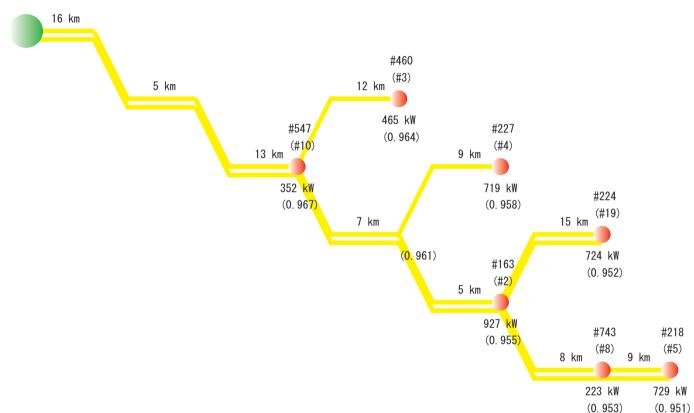
DL System at Lundazi SS Feeder 2 (Package 2-1)







# [Package 2-5]



# 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

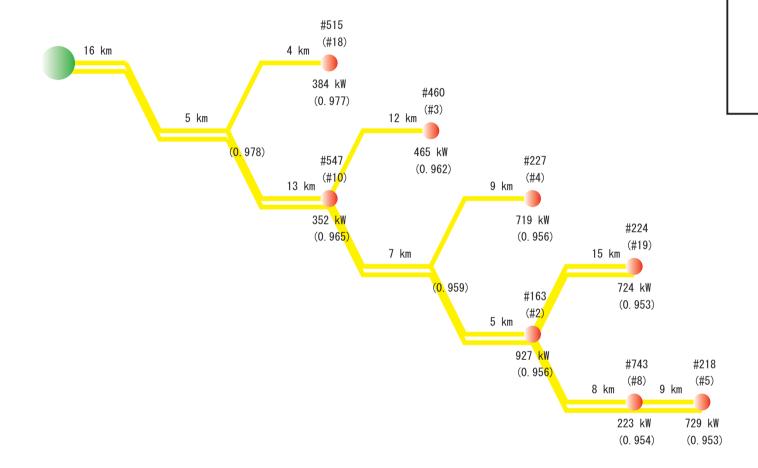
**Tokyo Electric Power Company** 

Drawing No.

Title

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

#### [Package 2-6]



# 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

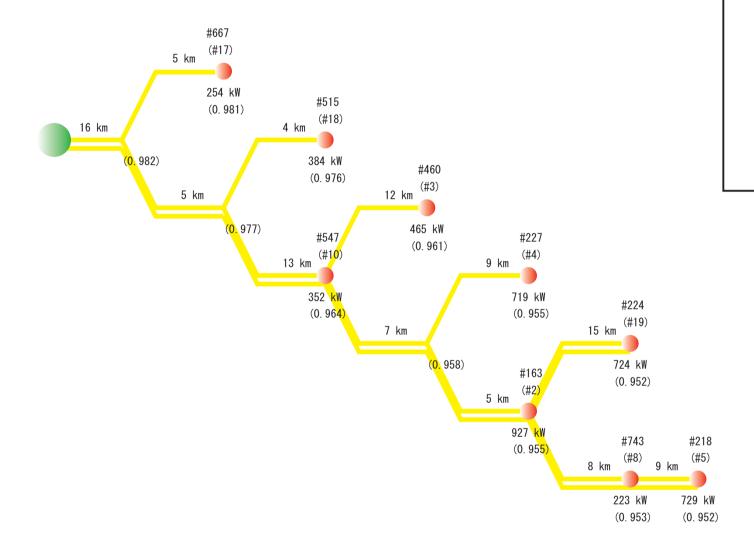
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

#### [Package 2-7]



# 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

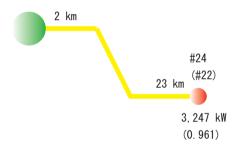
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

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

[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

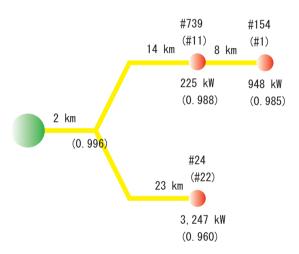
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-2]







: 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

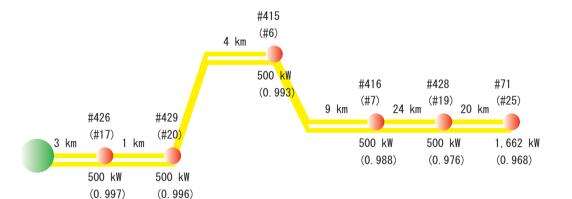


The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

#### [Package 1-1]



# 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



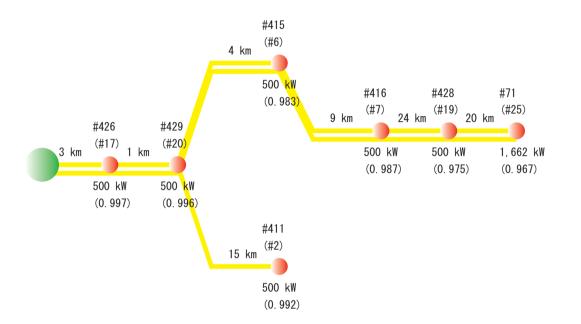
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu 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

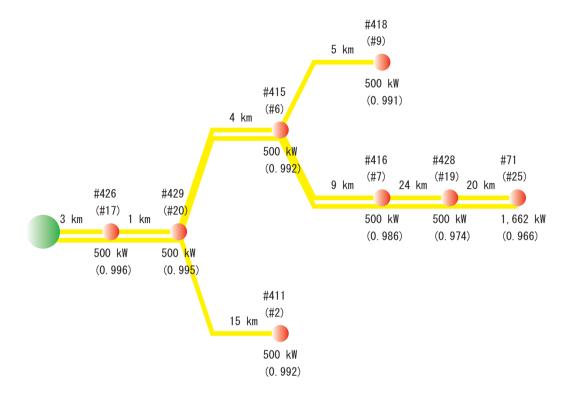
**Tokyo Electric Power Company** 

Drawing No.

Title

DL System at Luwingu 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

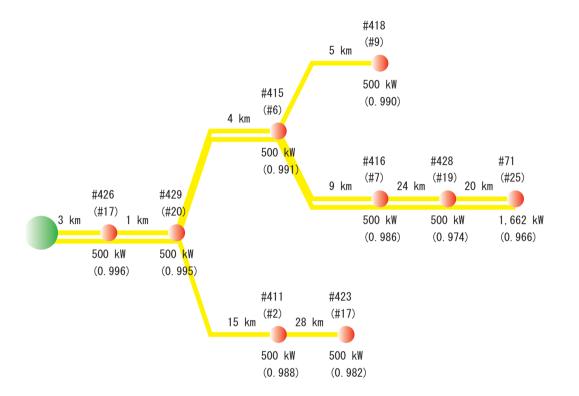


**Tokyo Electric Power Company** 

Drawing No. Title

> DL System at Luwingu 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 ( # 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 Luwingu 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



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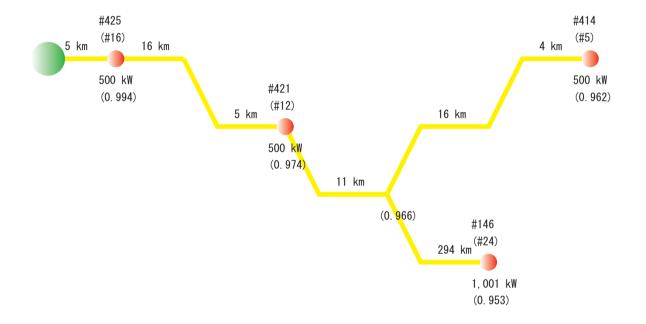
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu 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)

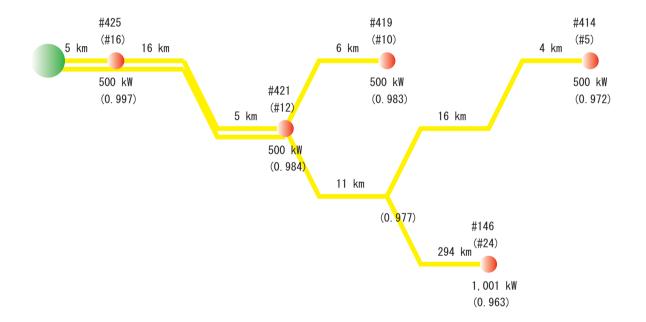
: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

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

Title

Drawing No.

#### [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



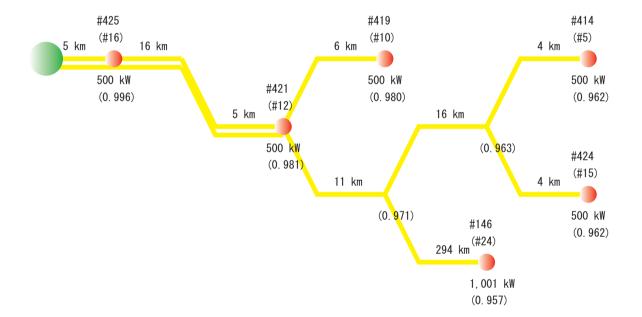
The Study for Development of the Rural Electrification Master Plan in Zambia

Title

Drawing No.

DL System at Luwingu 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

: Distance between PS and RGC XX km

(0. XXX) (0. XXX)

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



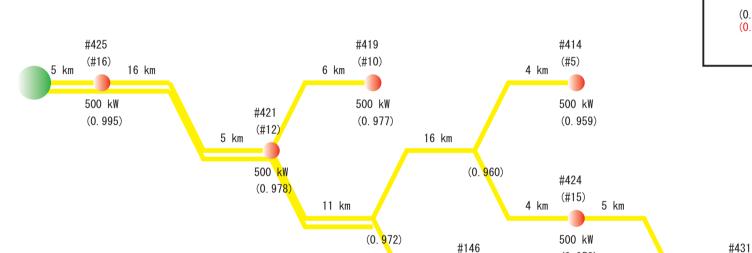
The Study for Development of the Rural Electrification Master Plan in Zambia



Title

Drawing No.

# [Package 2-5]



294 km

1,001 kW

(0.958)

# 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** 

(0.958)

Title

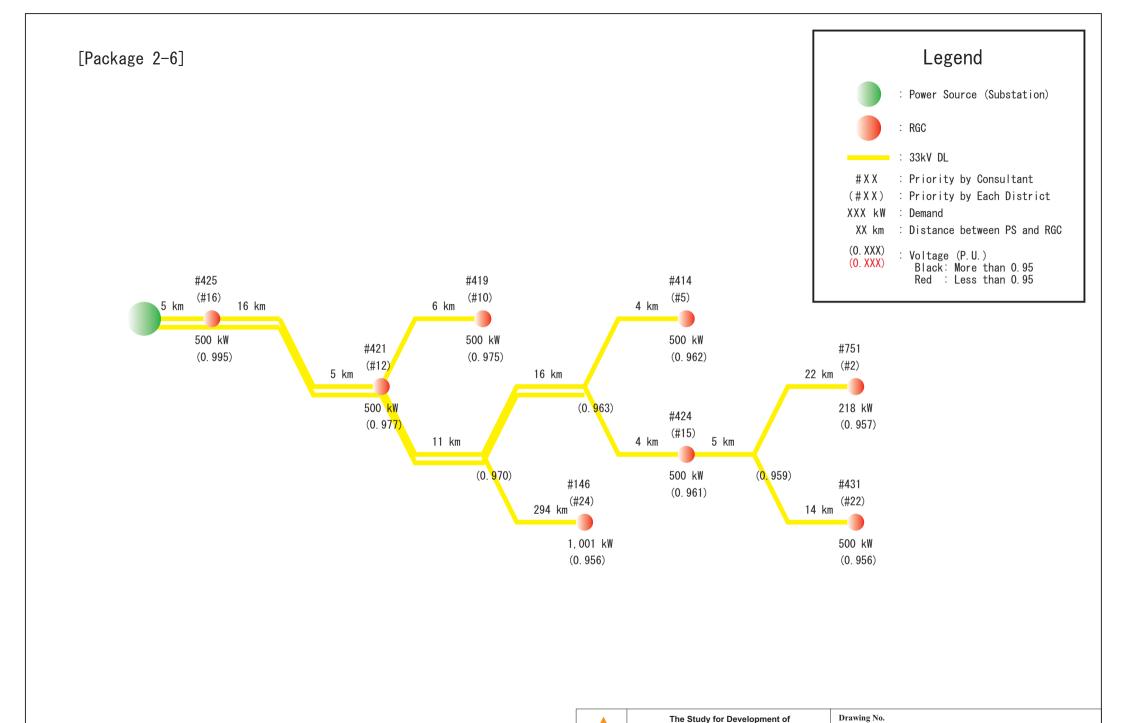
14 km

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

Drawing No.

500 kW

(0.954)





the Rural Electrification Master Plan in Zambia

Title

#### Legend [Package 2-7] : Power Source (Substation) : RGC : 33kV DL : Priority by Consultant # X X : Priority by Each District #839 XXX kW : Demand (#20) XX km : Distance between PS and RGC 14 km (0. XXX) : Voltage (P.U.) Black: More than 0.95 (0. XXX)158 kW #425 #419 #414 Red : Less than 0.95 (0.979) (#16) (#5) 5 km 16 km 6 km 4 km 500 kW **(0.** 980) 500 kW 500 kW #421 #751 (0.995)(0.974)(0.961)(#12)22 km 5 km 16 km 500 kW (0.962)218 kW #424 (0.976)(0.956)4 km 5 km 11 km (0.969)500 kW (0.958)#431 #146 (0.960)294 km 14 km 1,001 kW 500 kW (0.955)(0.955)

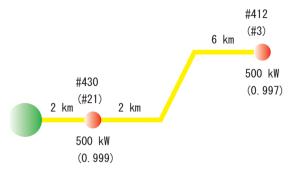


The Study for Development of the Rural Electrification Master Plan in Zambia

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

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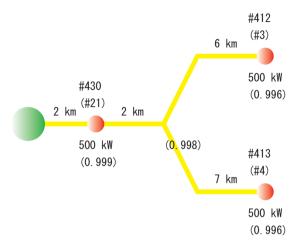
Tokyo Electric Power Company

Drawing No.

Title

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

#### [Package 3-2]



# 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) : Vo (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



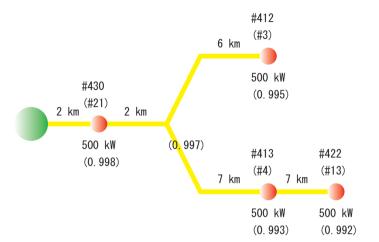
Tokyo Electric Power Company

Drawing No.

Title

DL System at Luwingu 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

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 Luwingu SS Feeder 3 (Package 3-3)