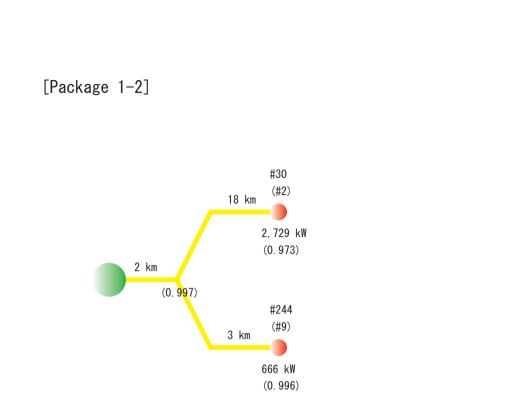
## C - 2

Single Line Diagram Extended from Existing Substation



	ZESCO	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No. Title
		Tokyo Electric Power Company	DL System Feeder 1 (Pa

at Azele SS 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) : Voltage (P.U.) Black: More than 0.95 (0. XXX)Red : Less than 0.95

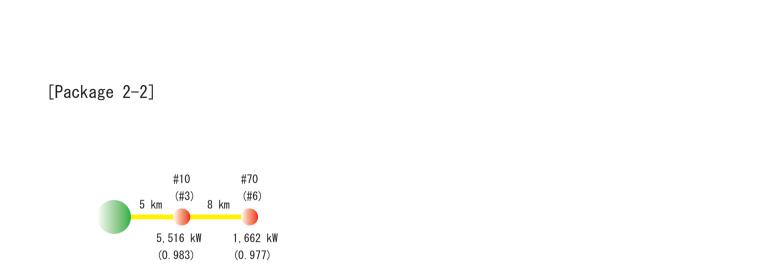


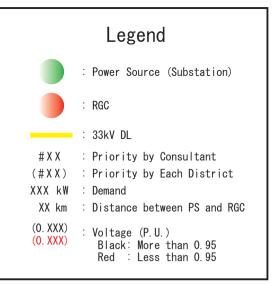
DL System at Azele SS Feeder 1 (Package 1-2)



	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No.
		Title
ZESCO	Tokyo Electric Power Company	DL System a Feeder 2 (Pa

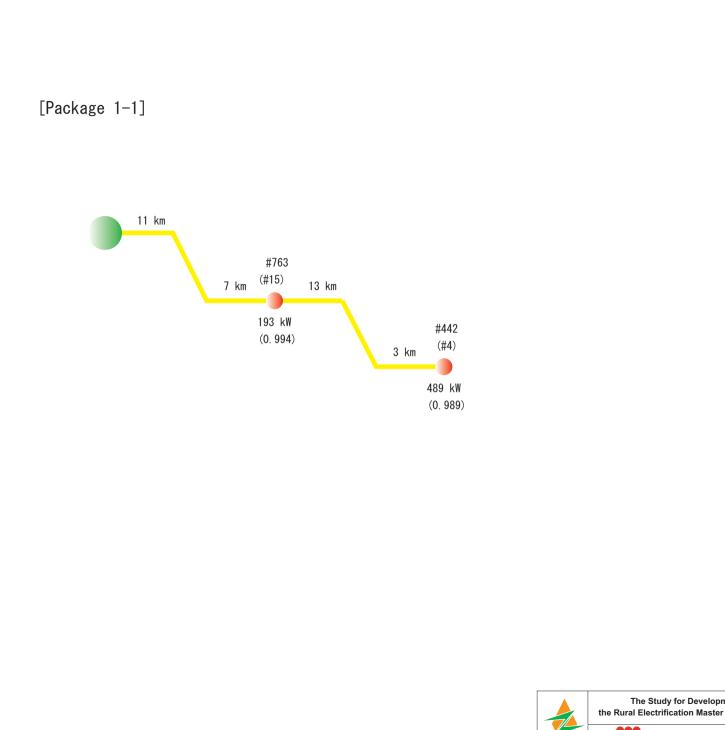
at Azele SS ackage 2-1)

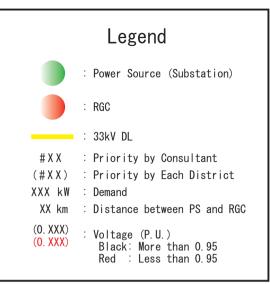






DL System at Azele SS

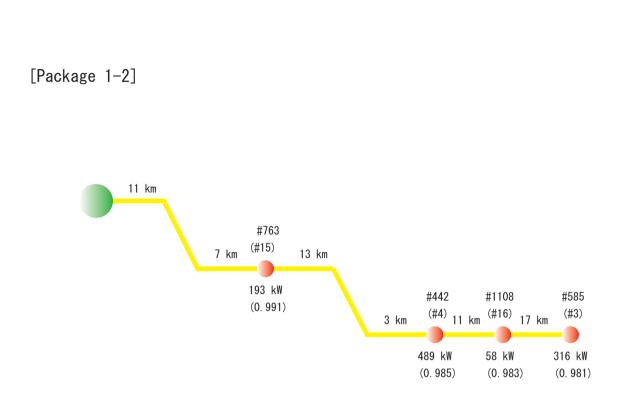


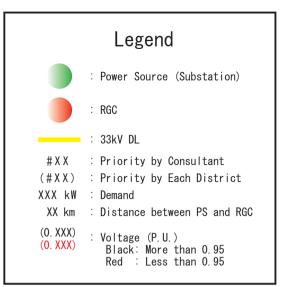


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

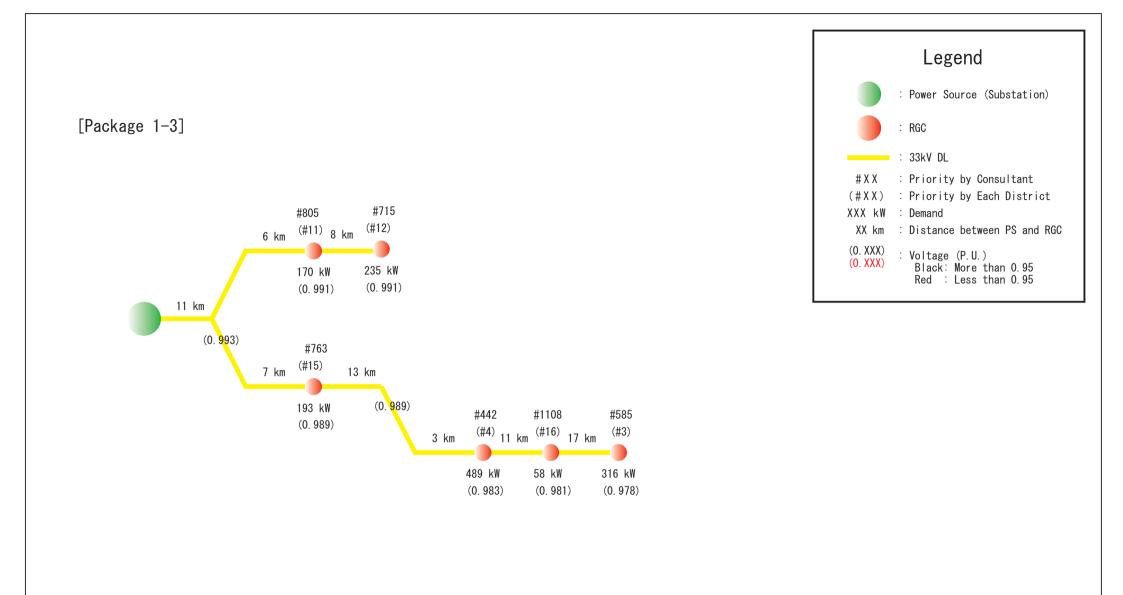




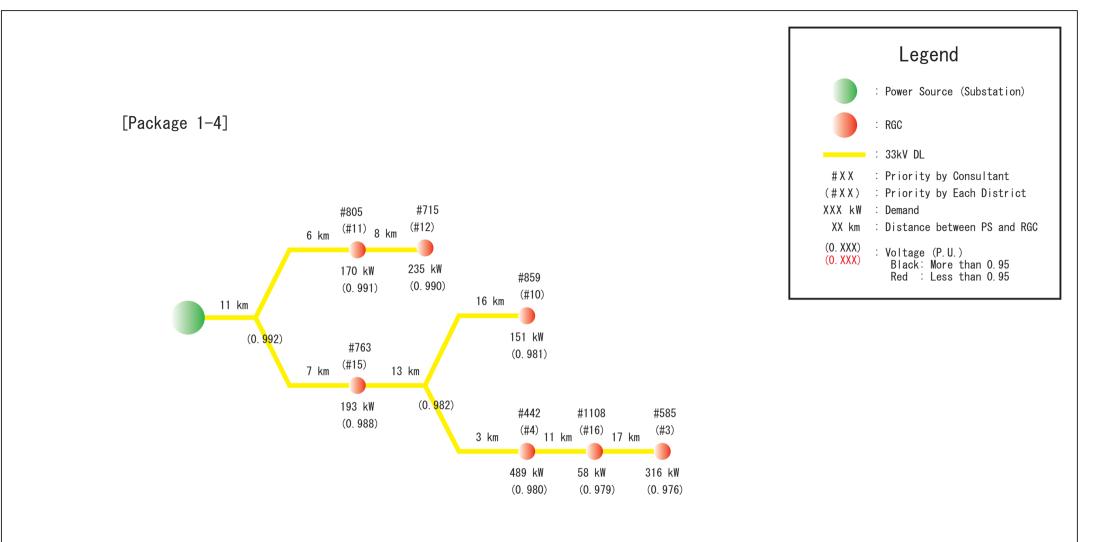
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

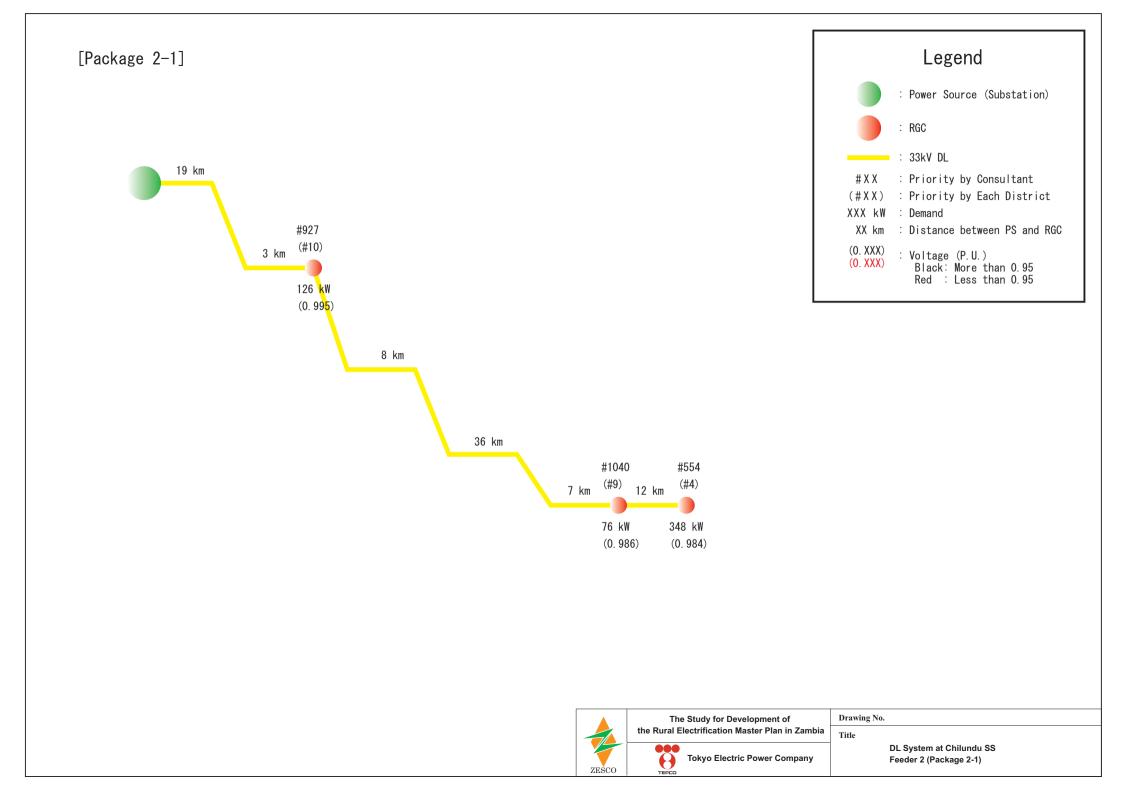


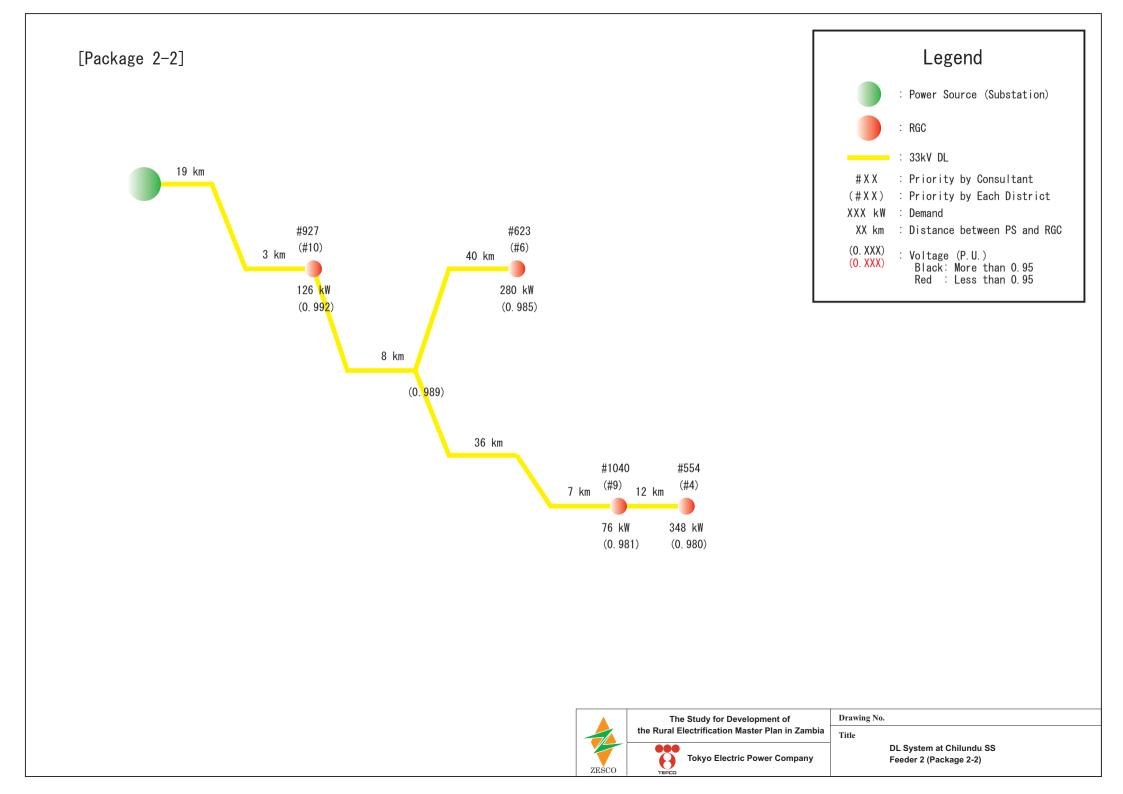


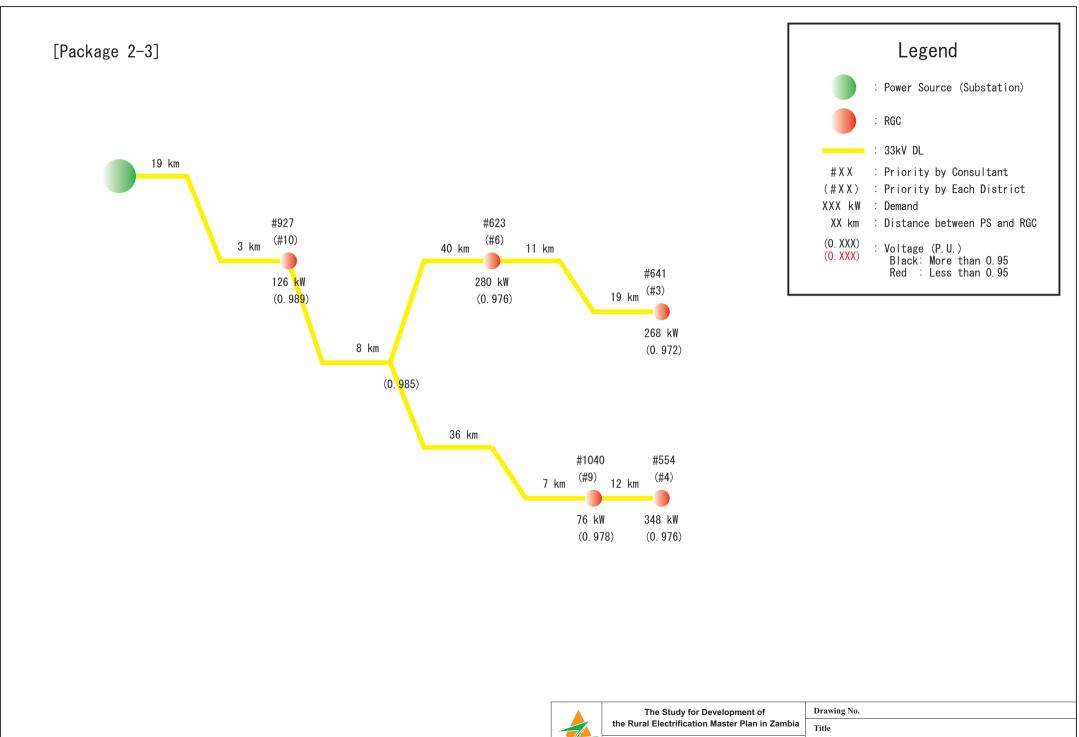




**DL System at Chilundu SS** Feeder 1 (Package 1-4)



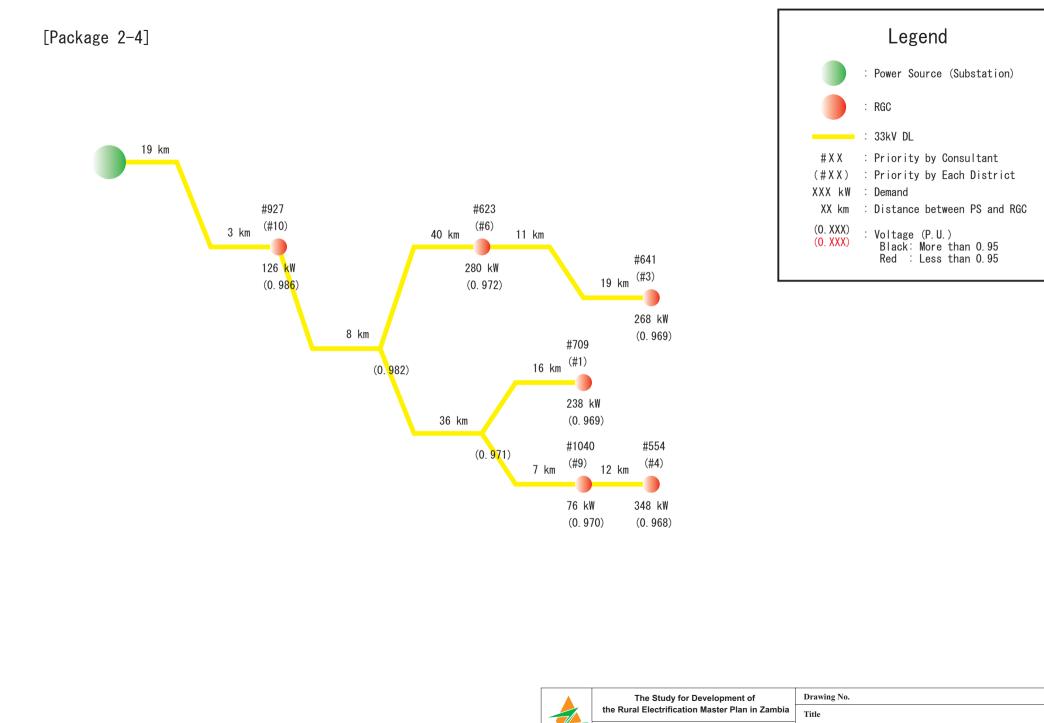




Ĥ	Tokyo Electric Power Company
TEPCO	

ZESCO

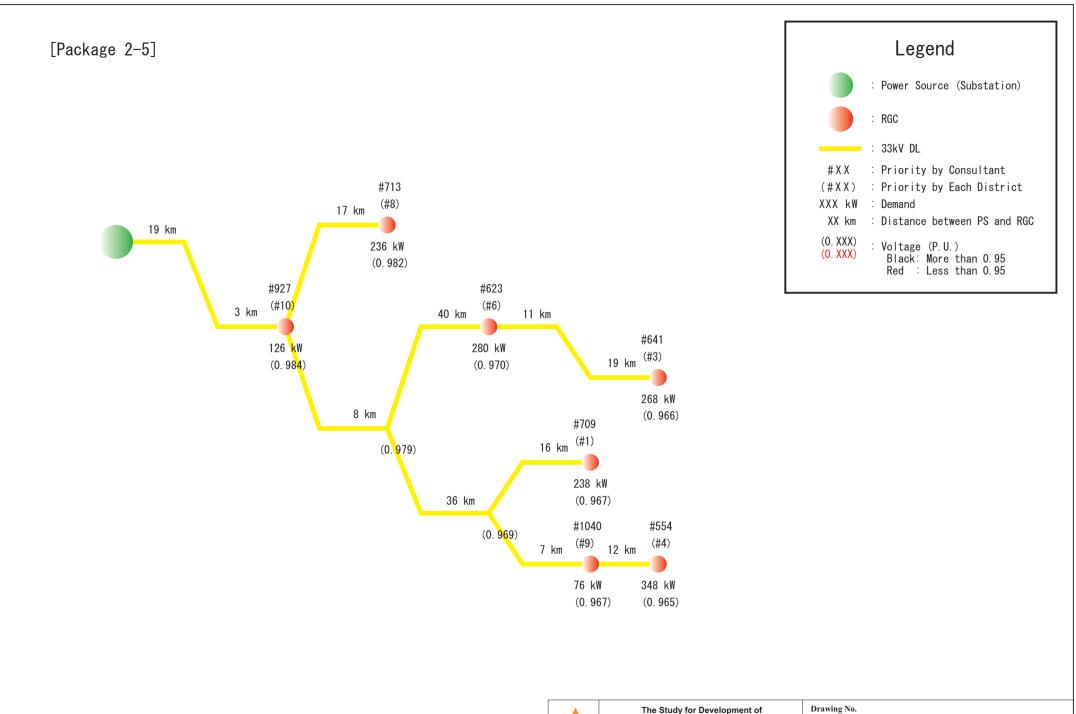
DL System at Chilundu SS Feeder 2 (Package 2-3)



Tokyo Electric Power Company

ZESCO

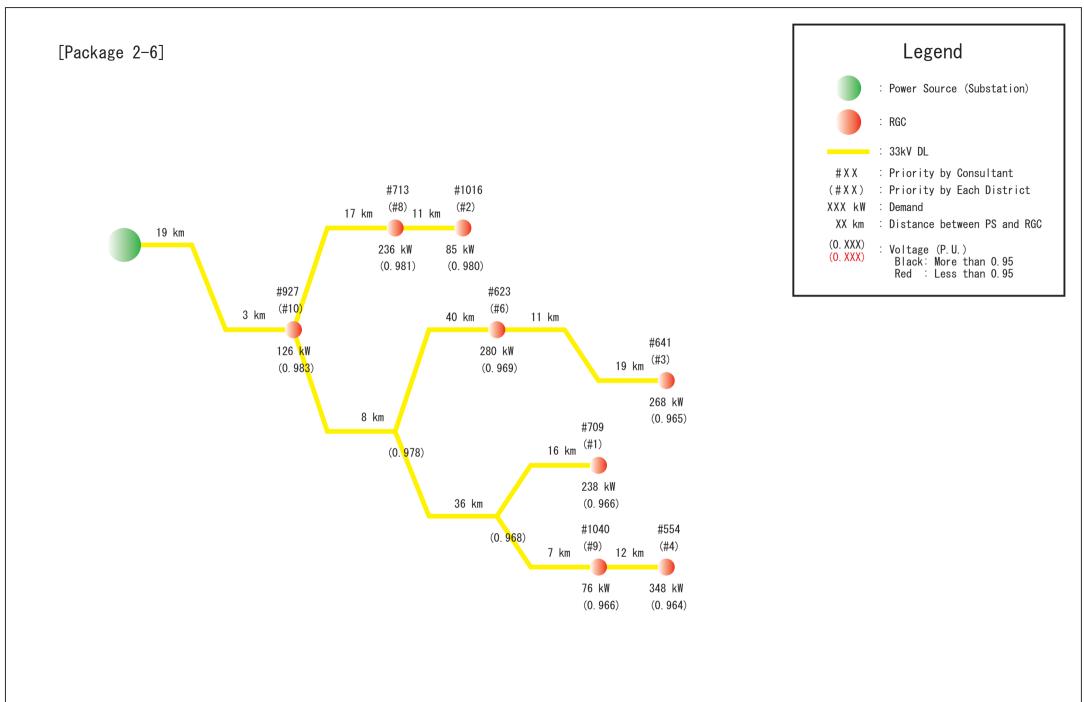
DL System at Chilundu SS Feeder 2 (Package 2-4)



ZESCO

the Rural Electrification Master Plan in Zambia Title Tokyo Electric Power Company

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

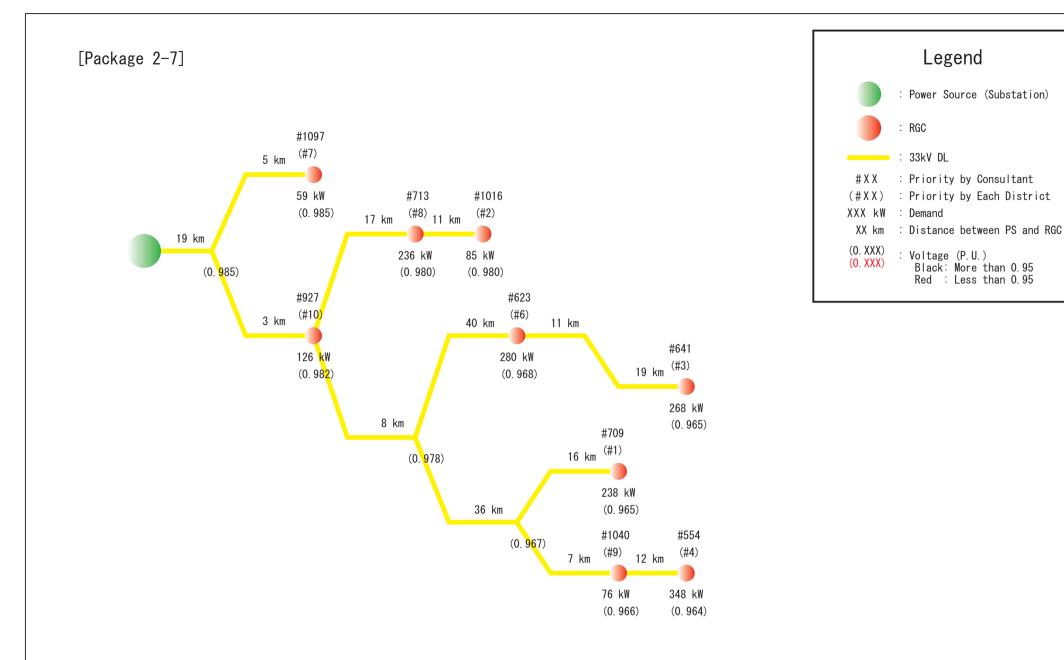


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 DL System Feeder 2 (P

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



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

Drawing No.

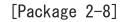
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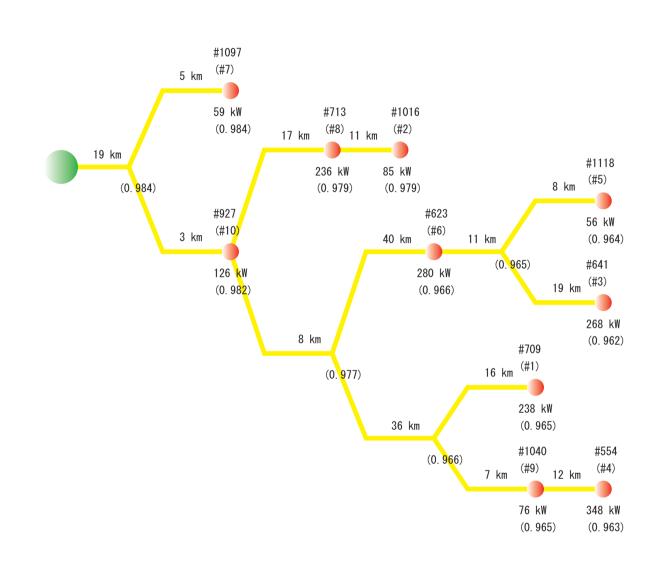
Tokyo Electric Power Company

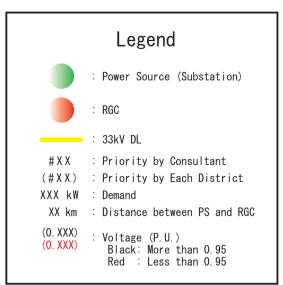
The Study for Development of

the Rural Electrification Master Plan in Zambia

ZESCO



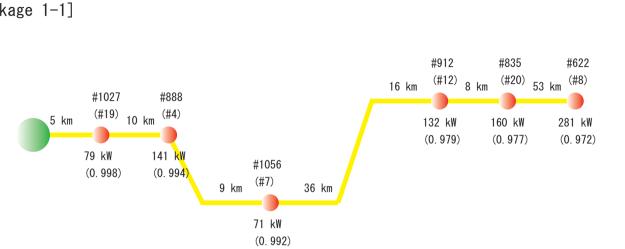




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 VESCO
 Tokyo Electric Power Company



Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

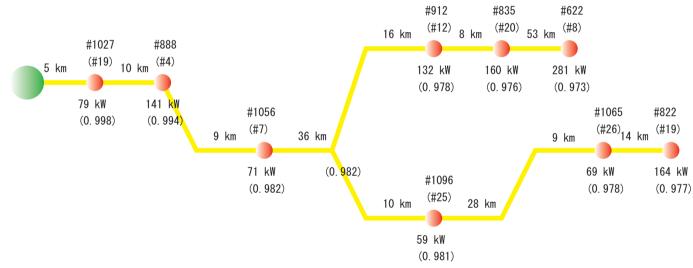
Drawing No. The Study for Development of the Rural Electrification Master Plan in Zambia Title Tokyo Electric Power Company ZESCO

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

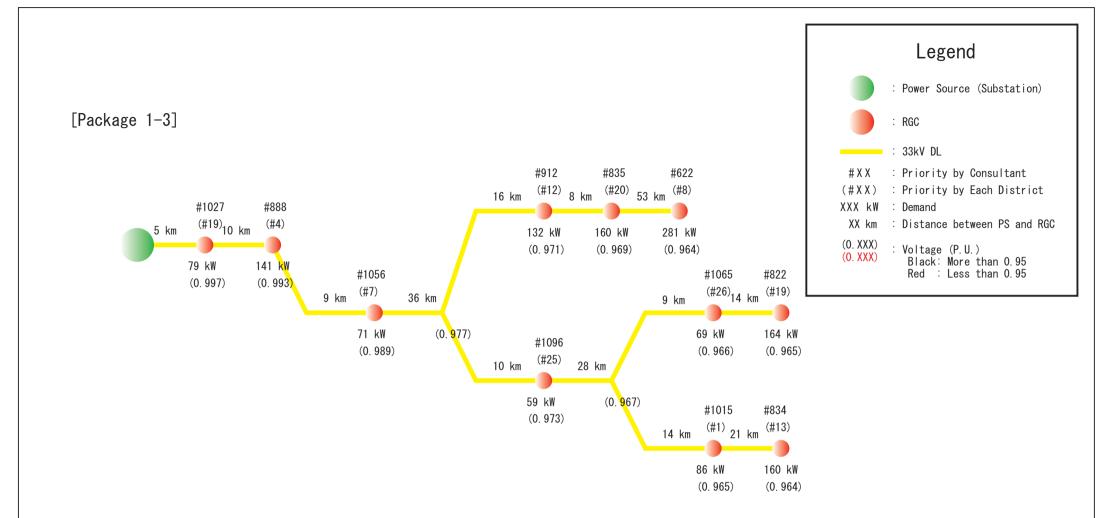
[Package 1-1]

	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
	<ul> <li>#XX : Priority by Consultant</li> <li>(#XX) : Priority by Each District</li> <li>XXX kW : Demand</li> <li>XX km : Distance between PS and RGC</li> <li>(0. XXX)</li> <li>(0. XXX)</li> <li>(0. XXX)</li> <li>Black: More than 0.95 Red : Less than 0.95</li> </ul>
#835 #622 (#20) 53 km <sup>(#8)</sup>	

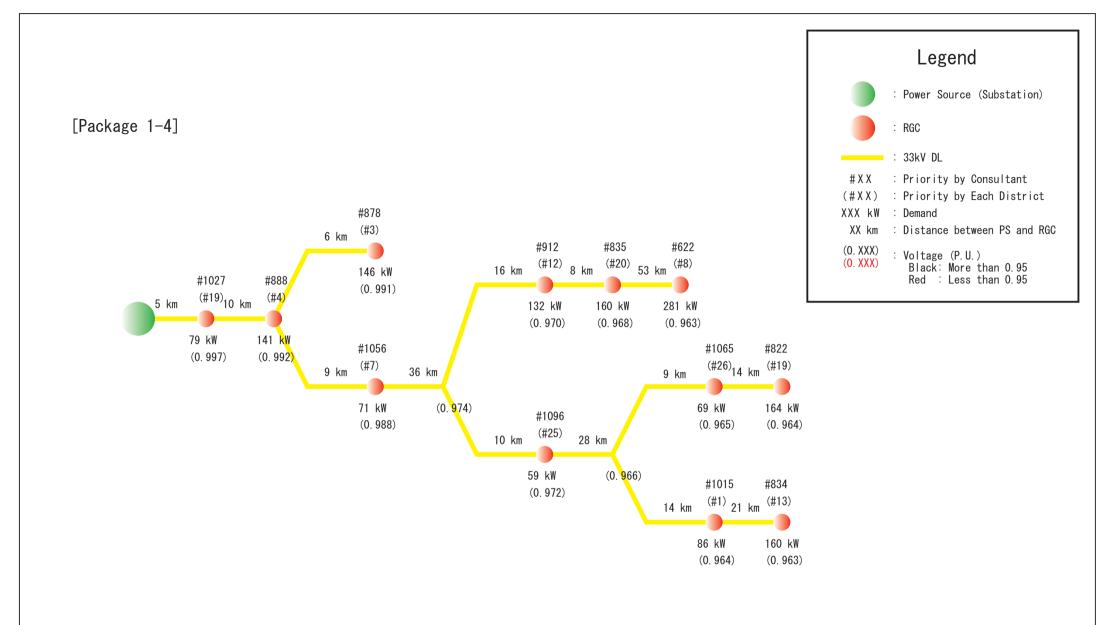
[Package 1-2]









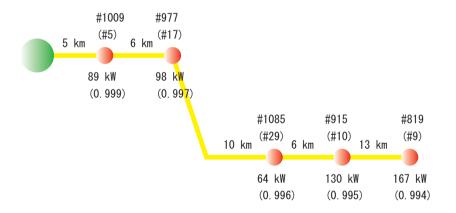


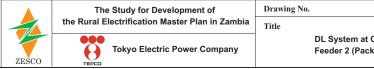
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

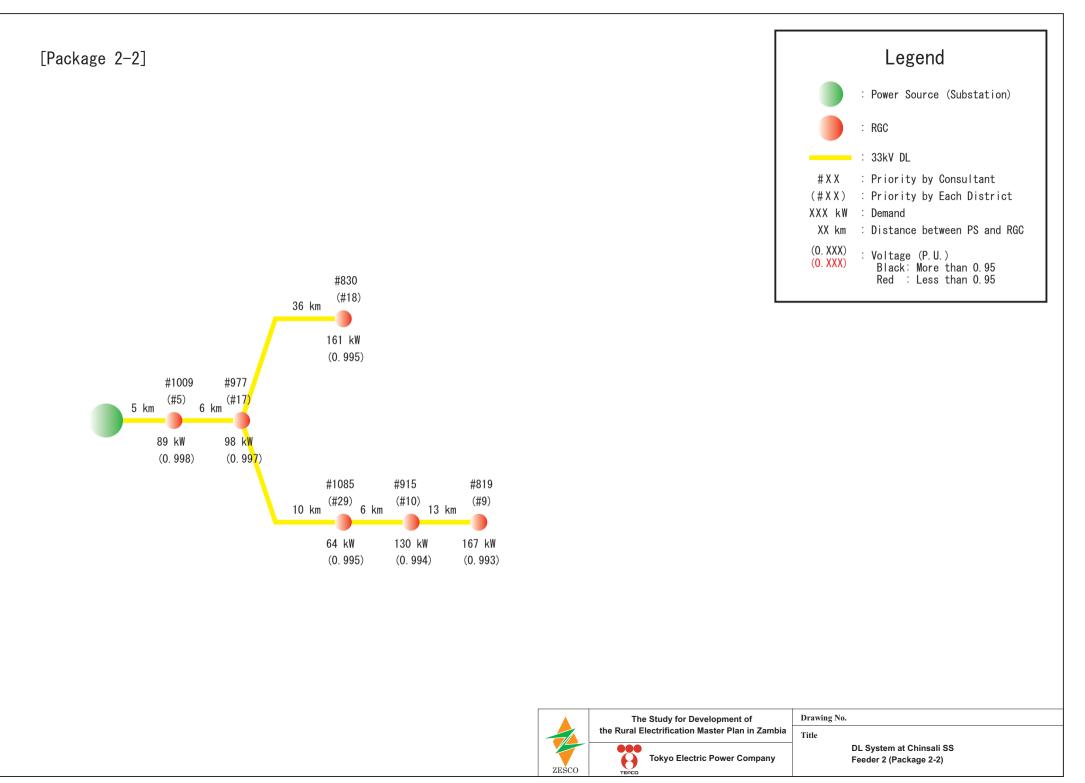
 Tokyo Electric Power Company
 Feeder 1 (Package 1-4)

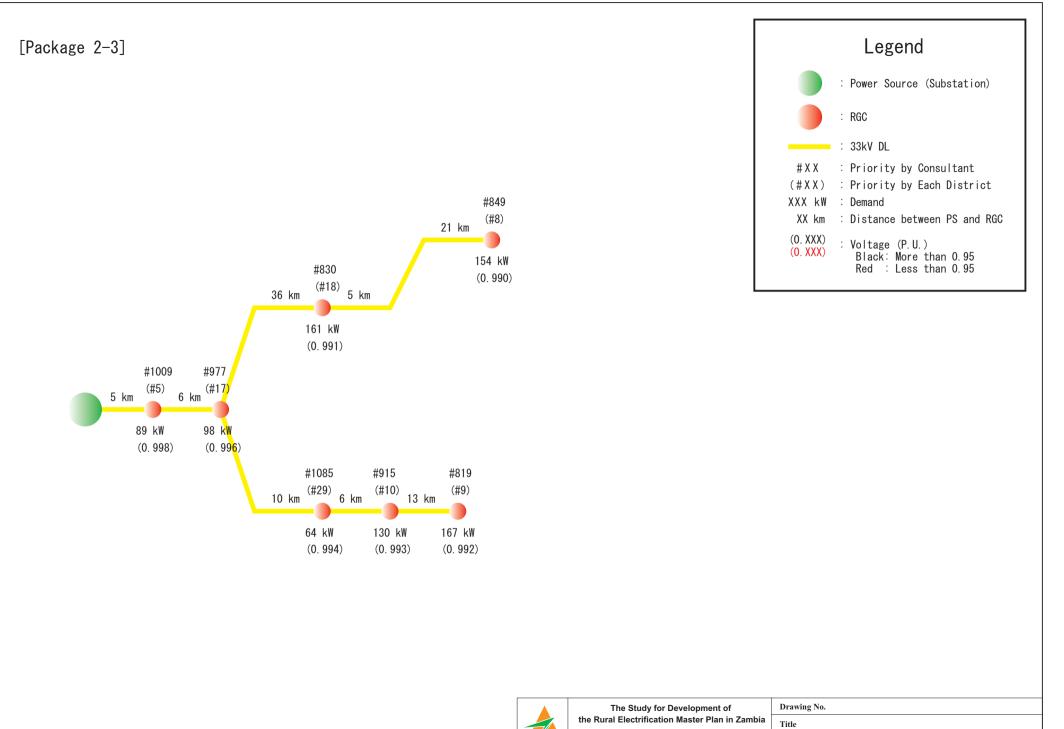






DL System at Chinsali SS Feeder 2 (Package 2-1)

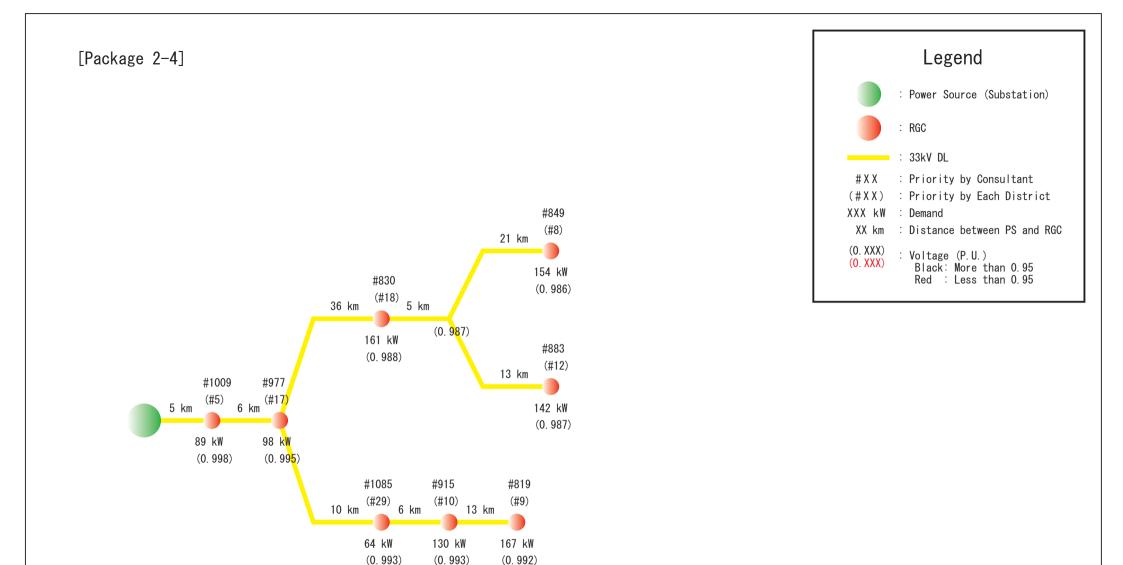




ZESCO

Tokyo Electric Power Company

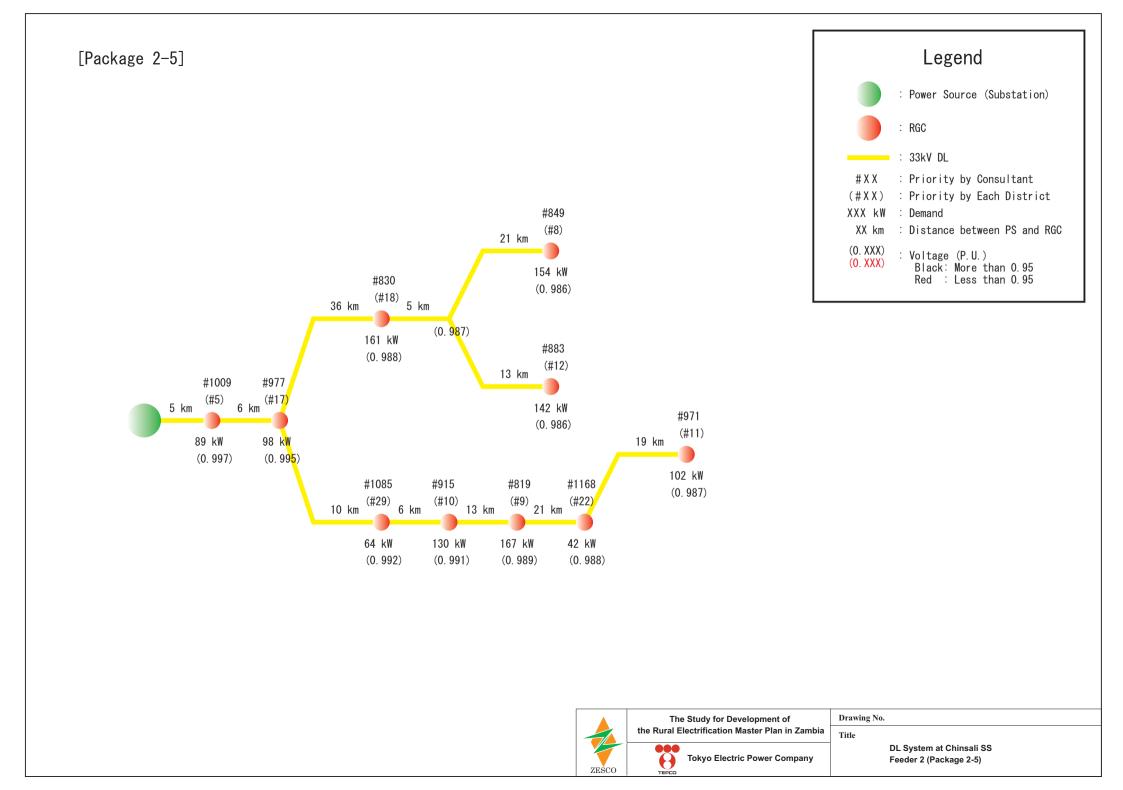
DL System at Chinsali SS Feeder 2 (Package 2-3)

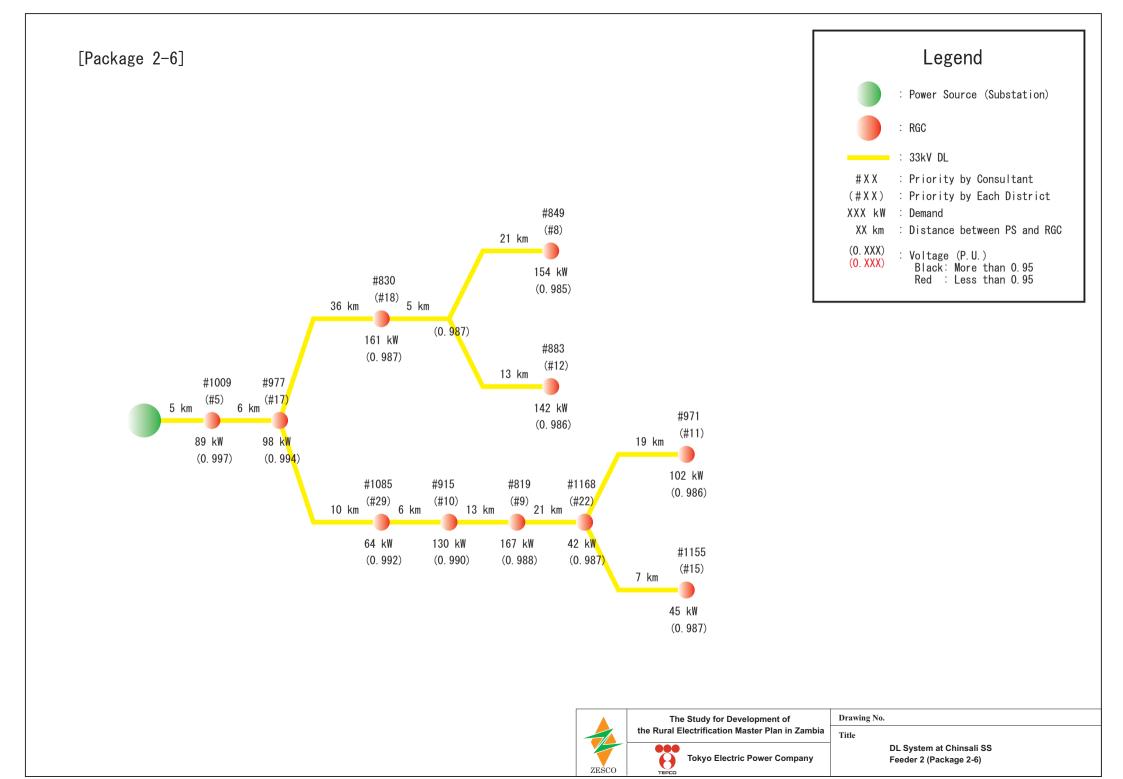


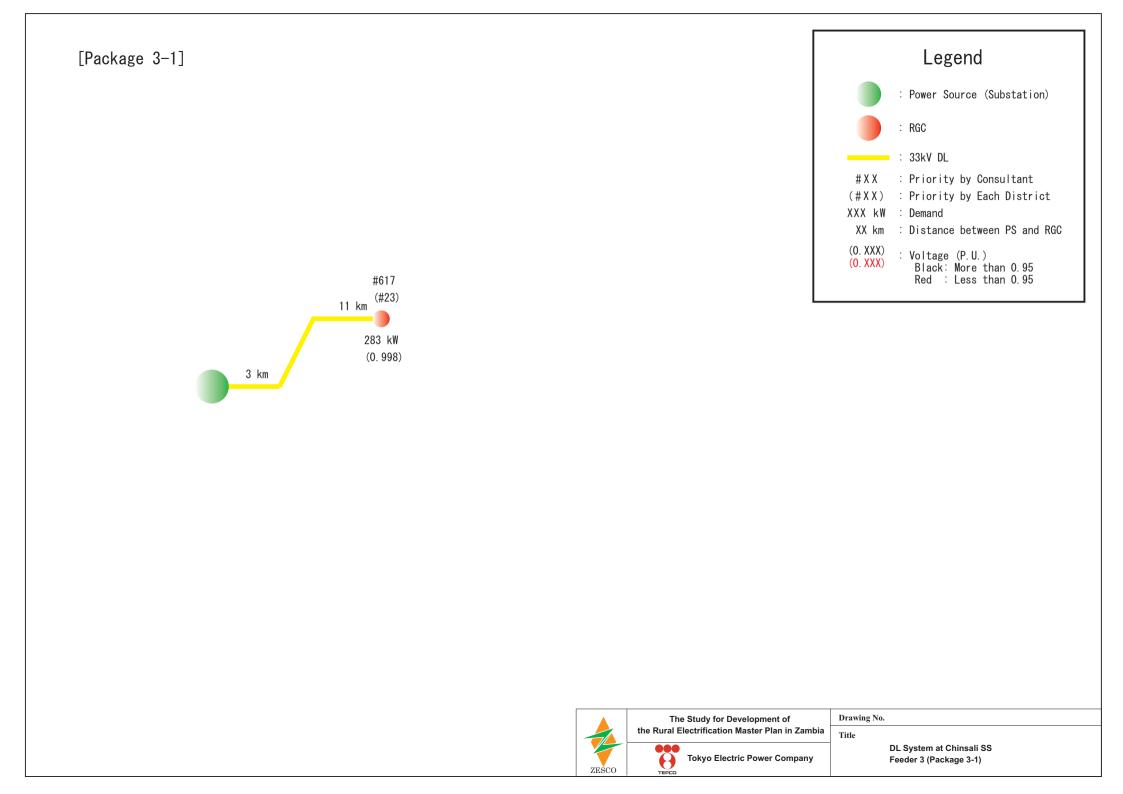
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
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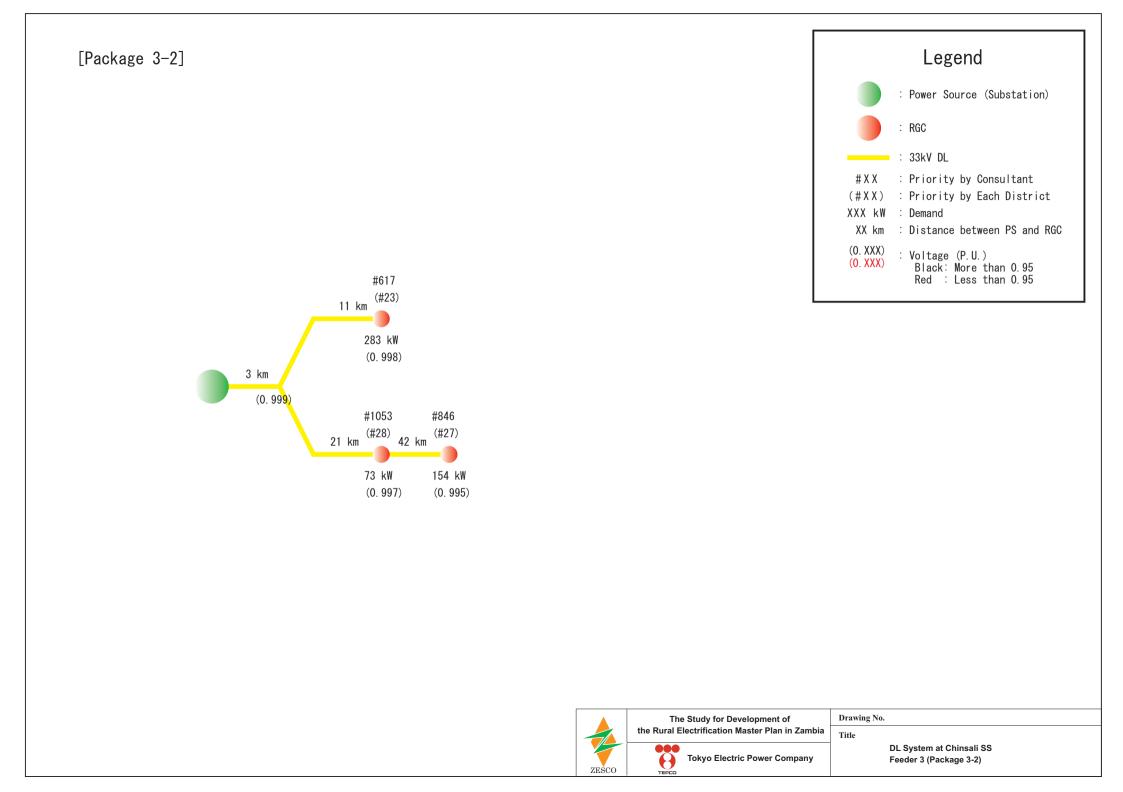
 Title
 Title

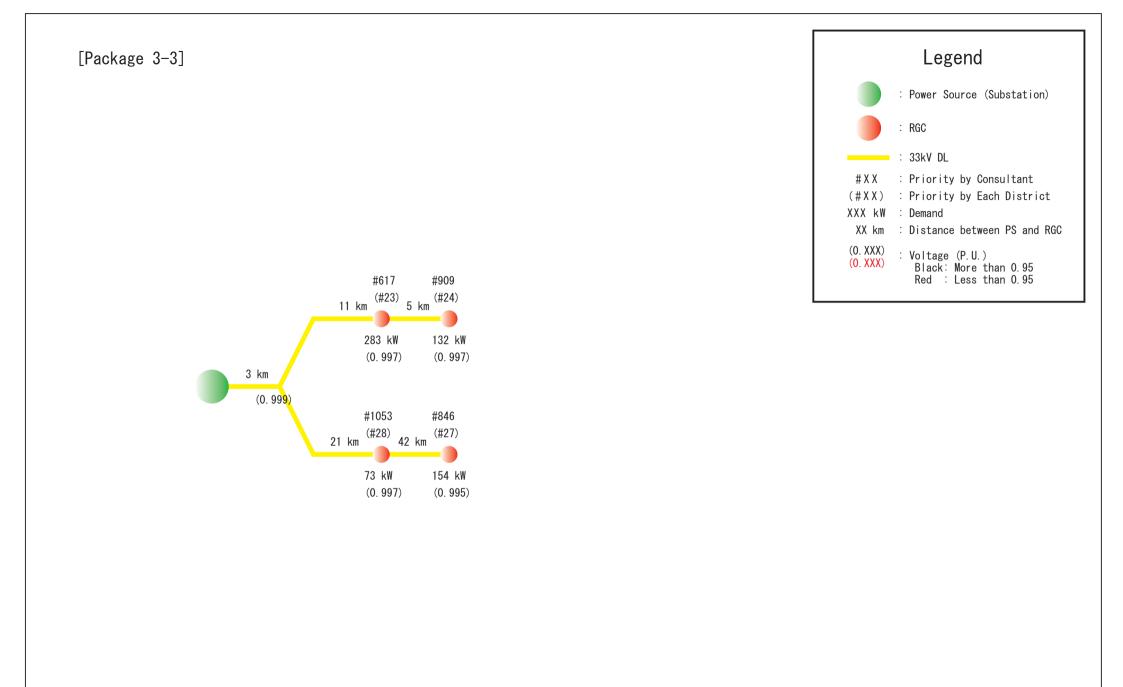
 DL System at Chinsali SS Feeder 2 (Package 2-4)









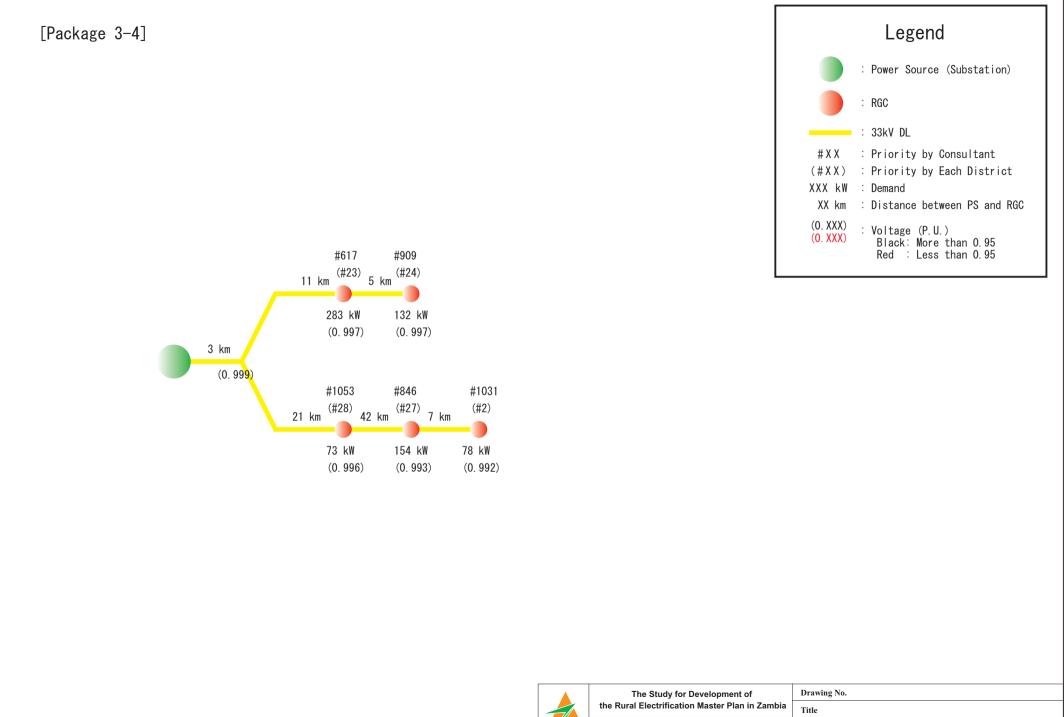


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 DL System
 Feeder 3

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



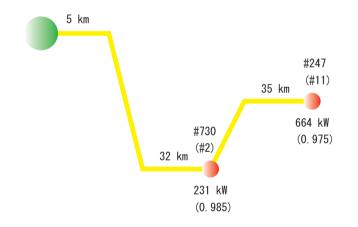
ZESCO

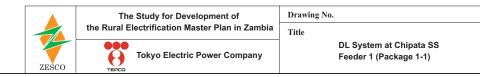
Tokyo Electric Power Company

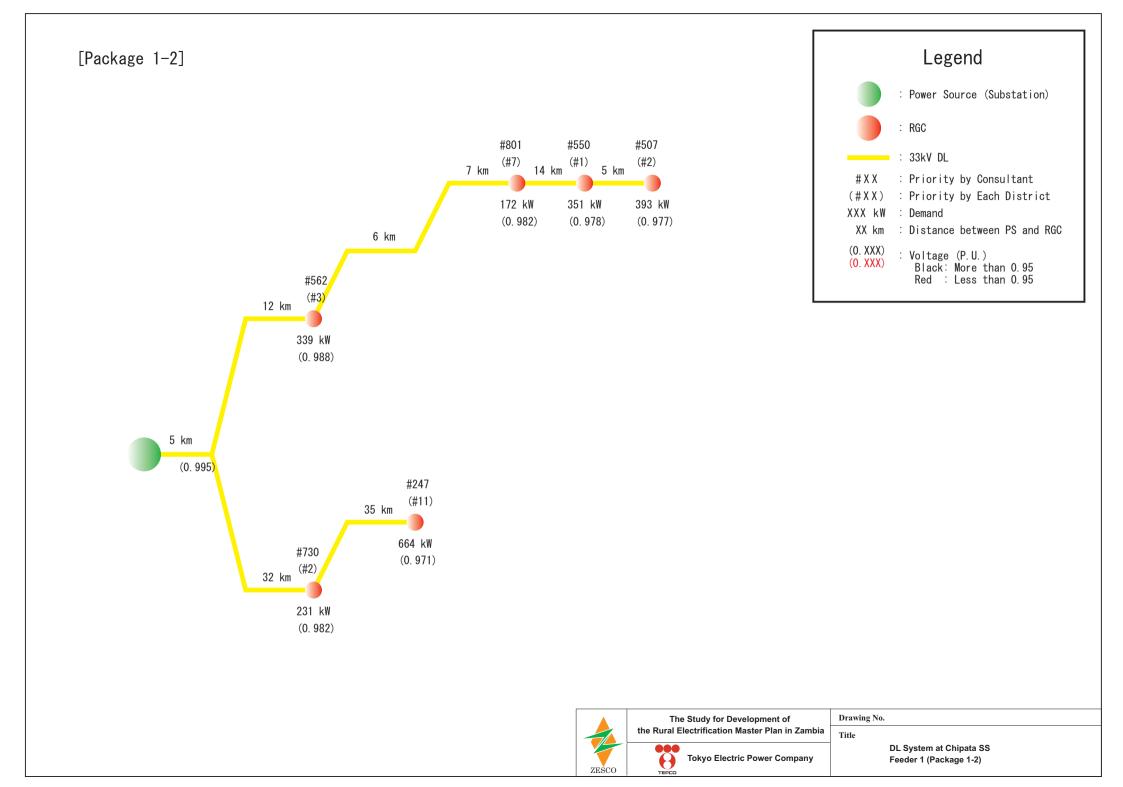
DL System at Chinsali SS Feeder 3 (Package 3-4)

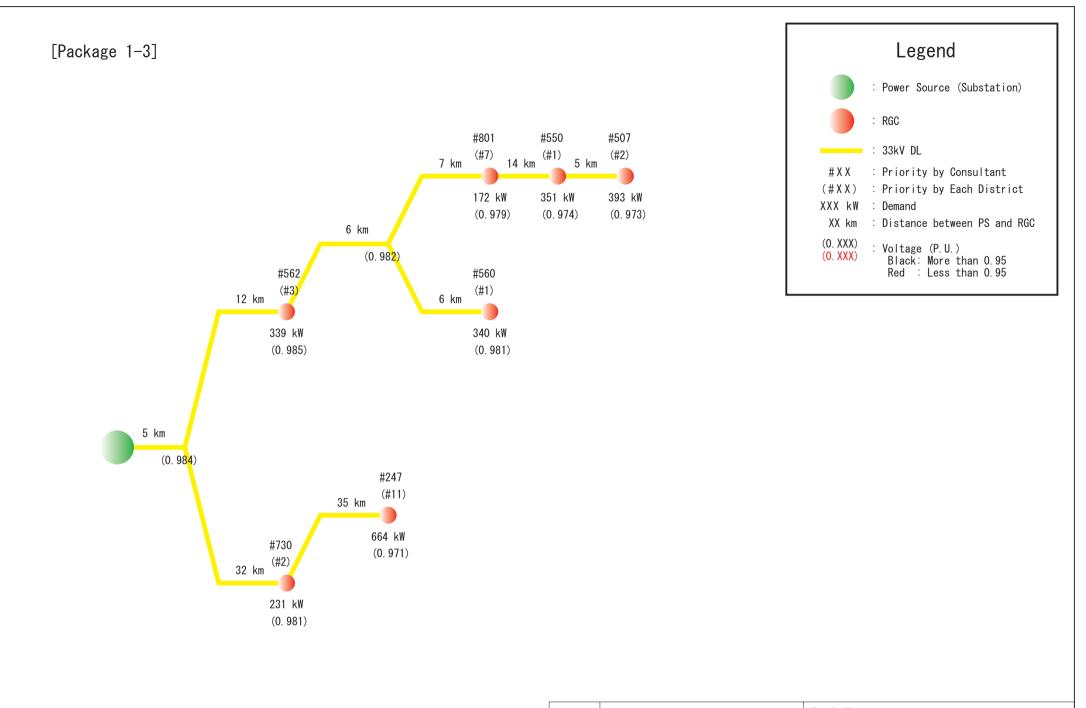


Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		





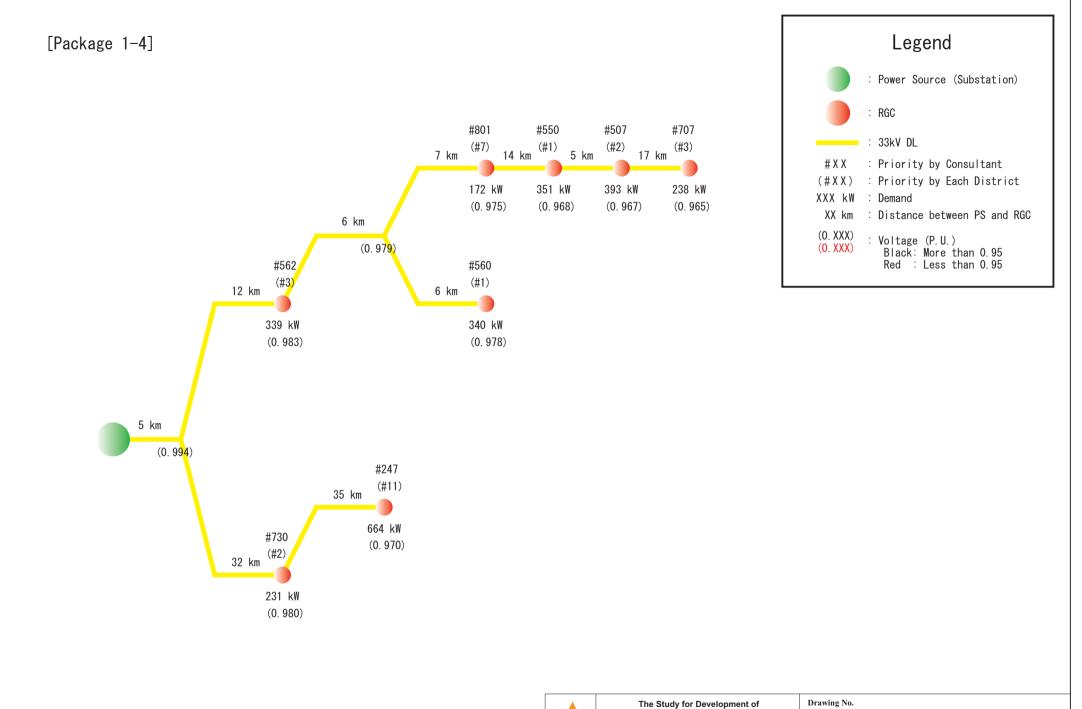




 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

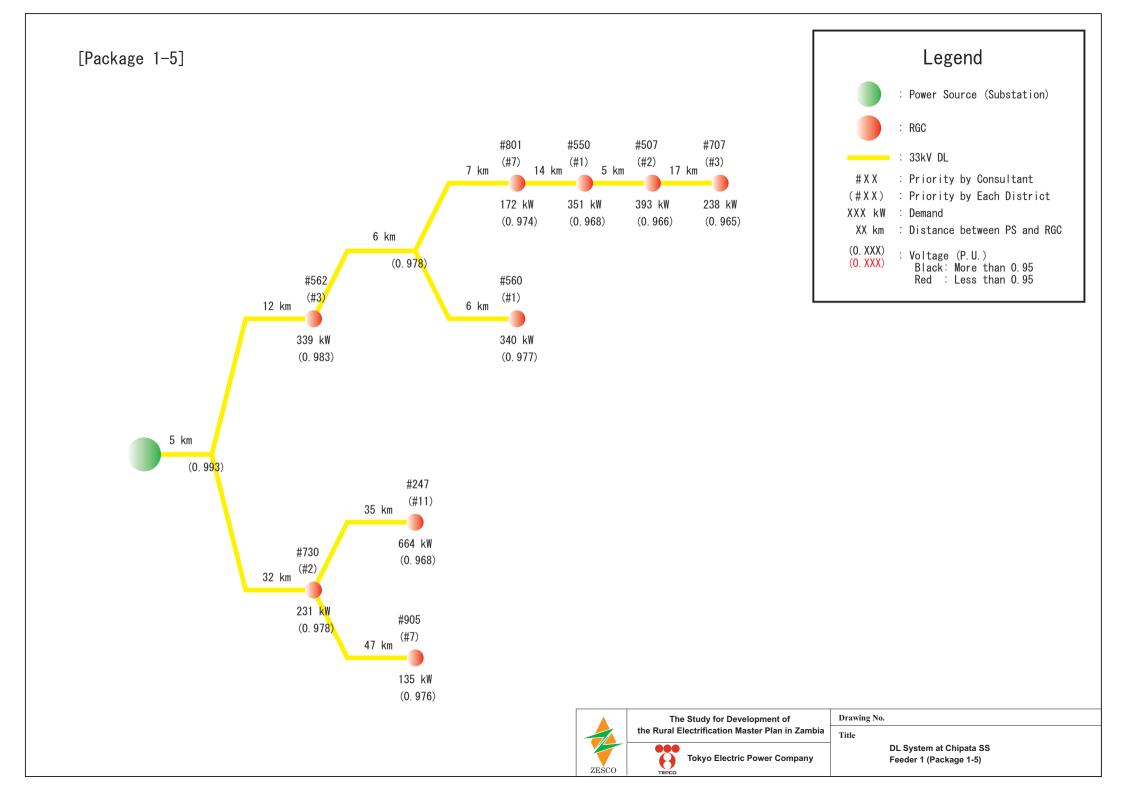
DL System at Chipata SS Feeder 1 (Package 1-3)

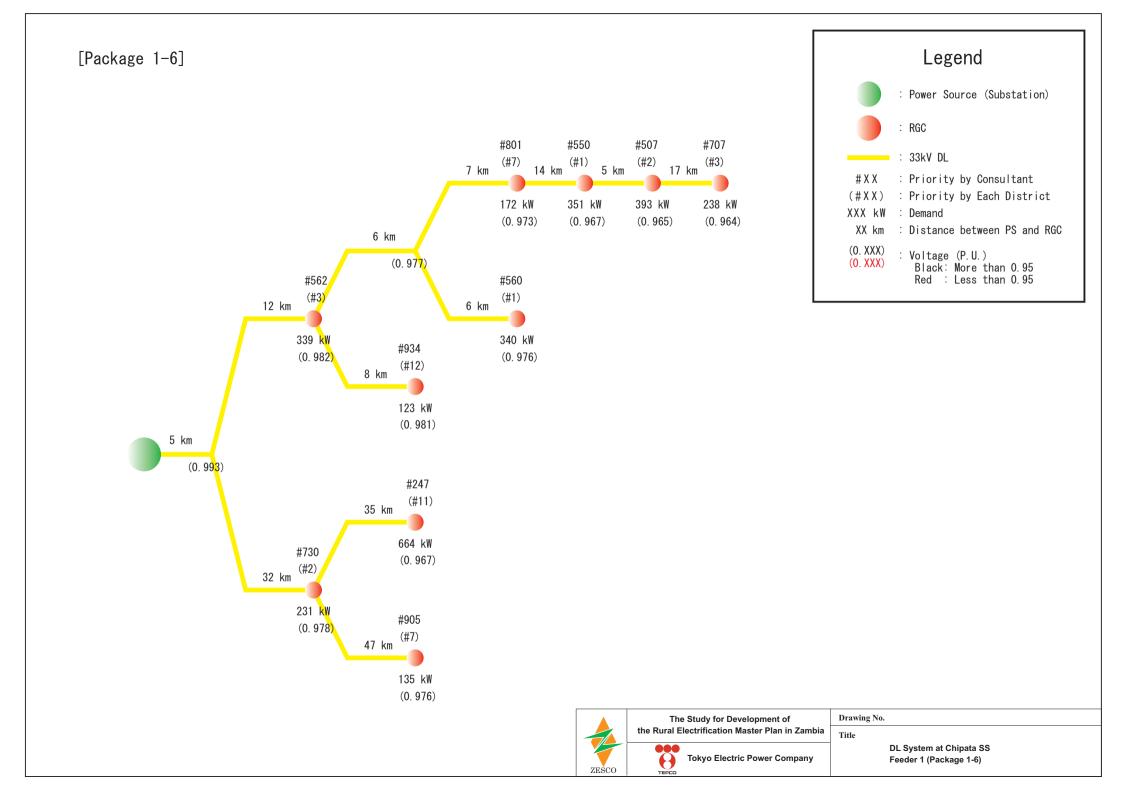


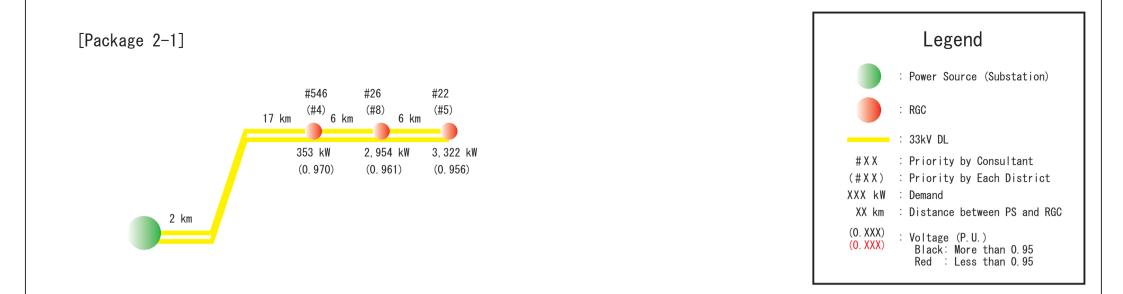
ZESCO

the Rural Electrification Master Plan in Zambia Title

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

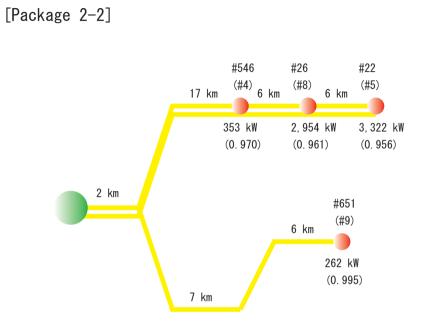






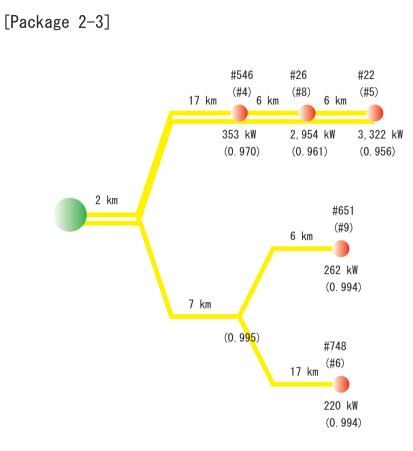
	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System Feeder 2 (F
ZESUU	TEPCO	

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



	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Chipata SS Feeder 2 (Package 2-2)

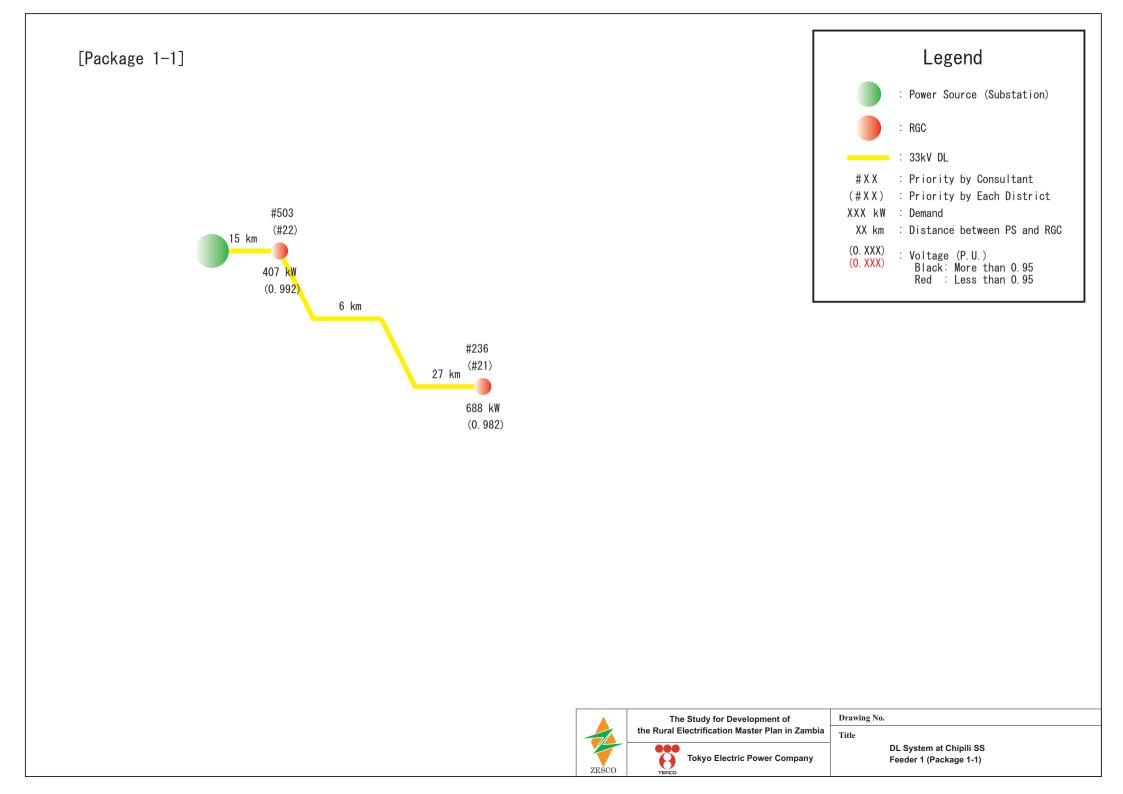


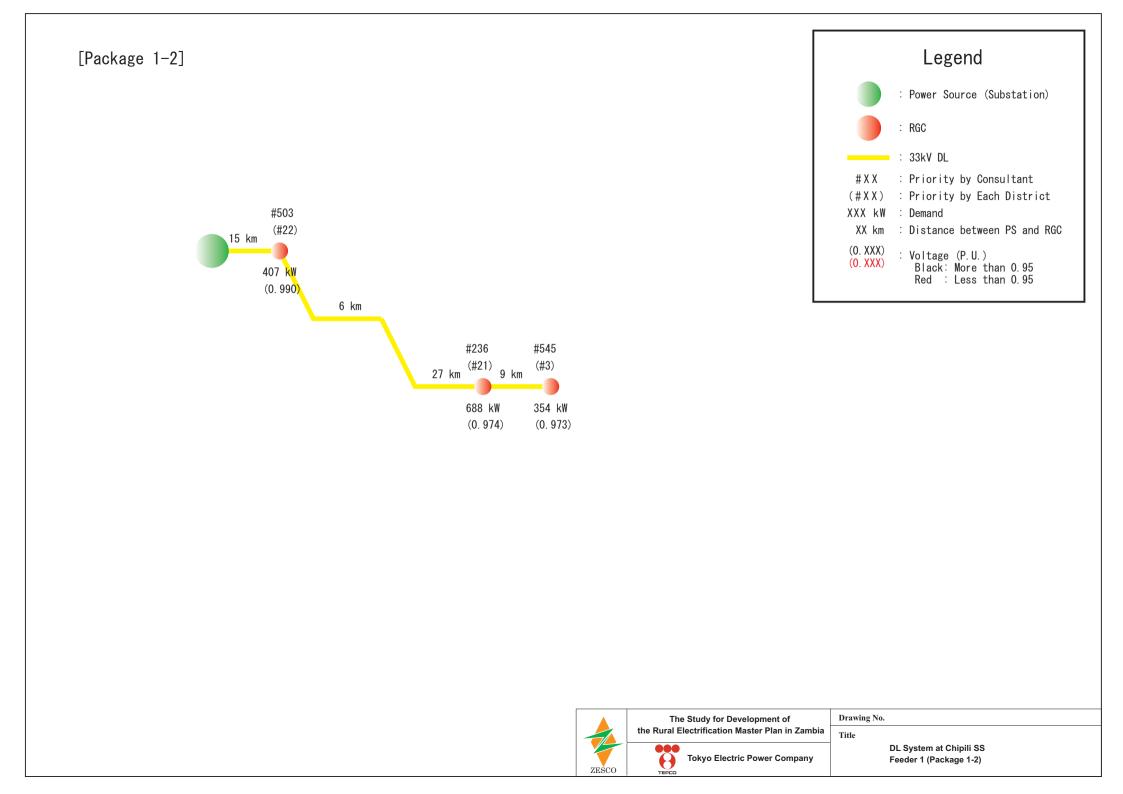
Legend			
	:	Power Source (Substation)	
	:	RGC	
	:	33kV DL	
# X X	:	Priority by Consultant	
(#XX)	:	Priority by Each District	
XXX kW	:	Demand	
XX km	:	Distance between PS and RGC	
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

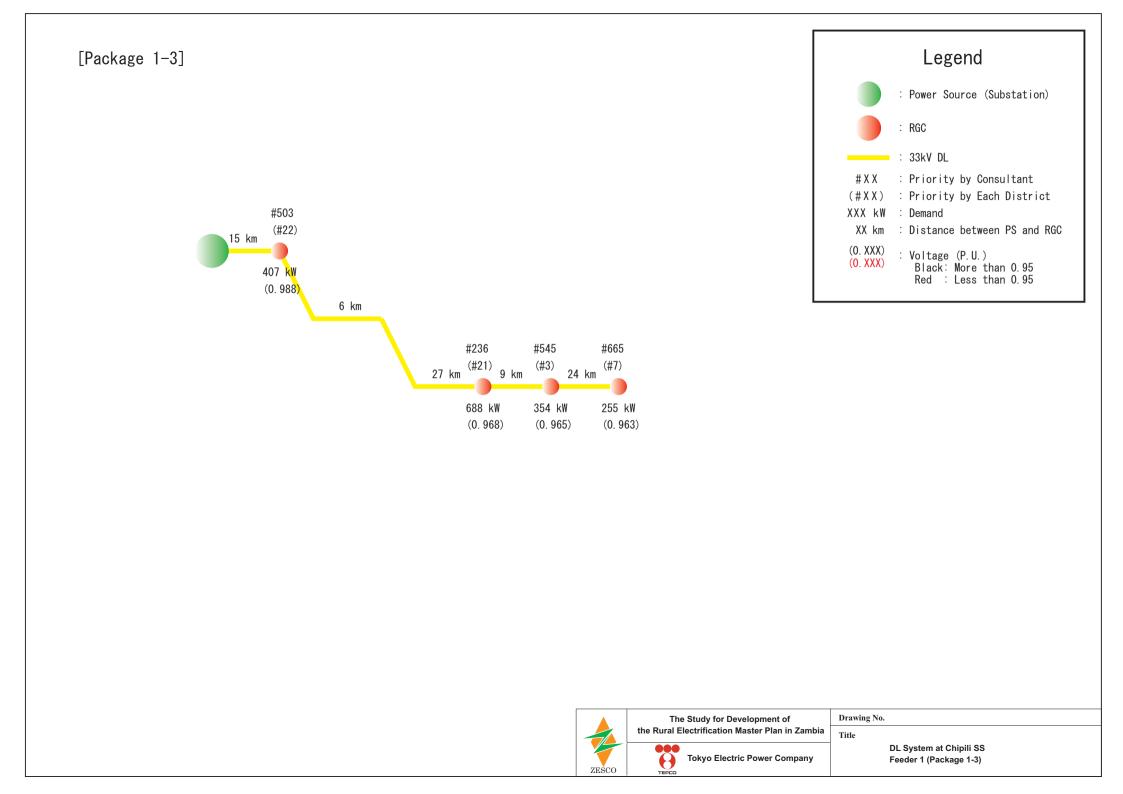
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

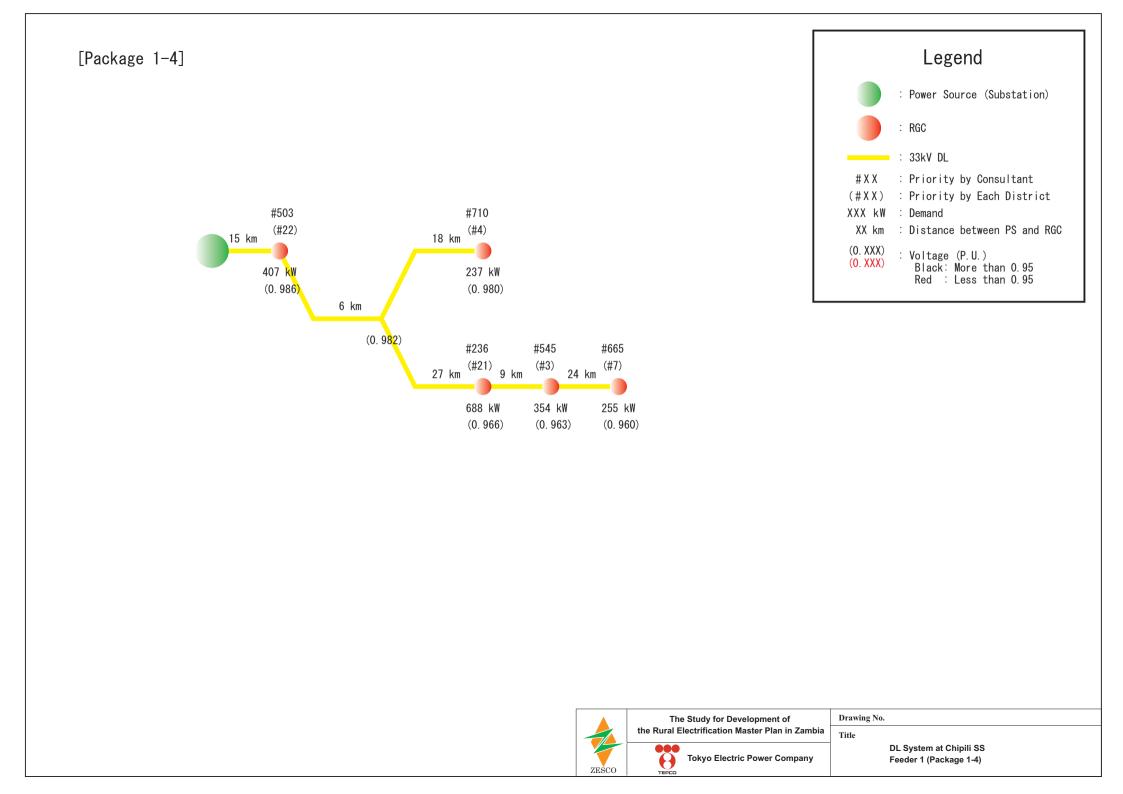
 Title
 Title

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

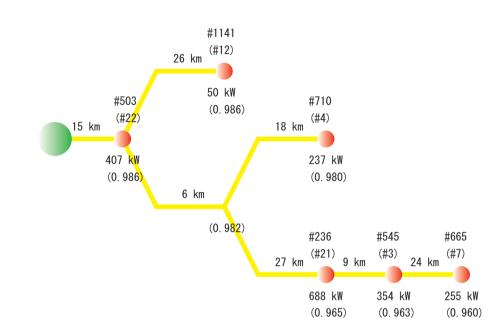


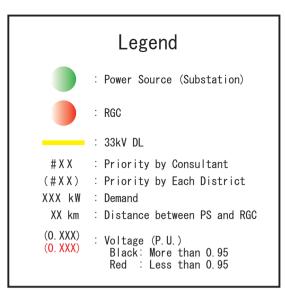






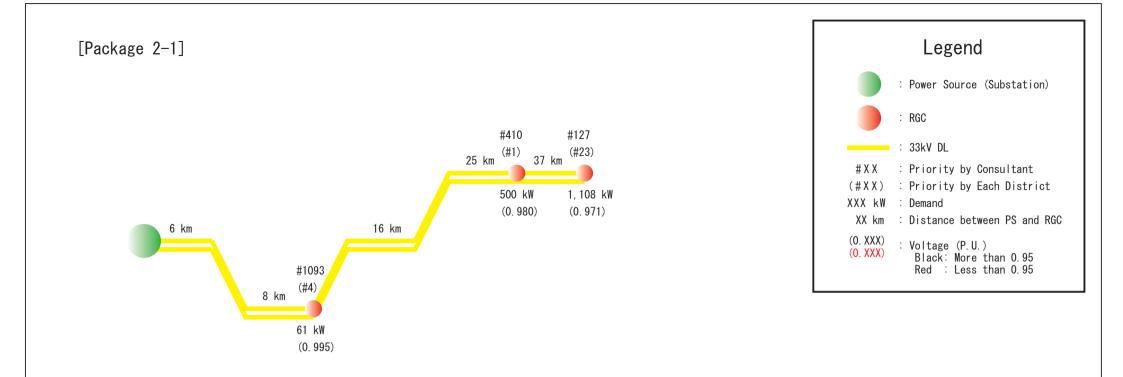




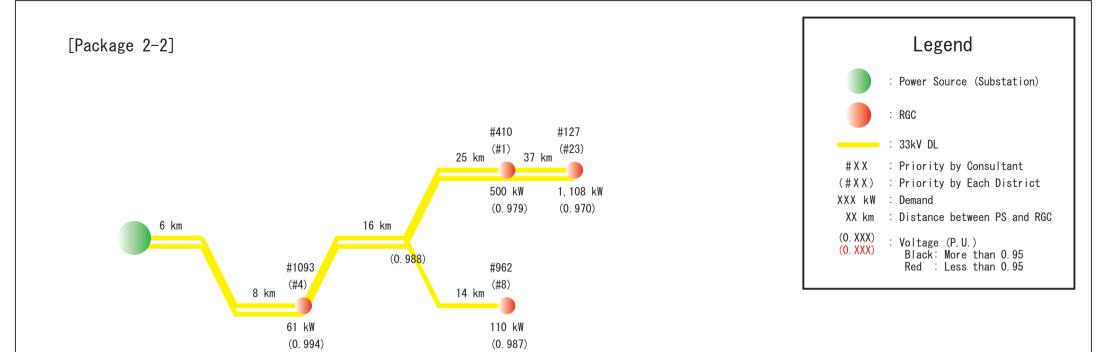




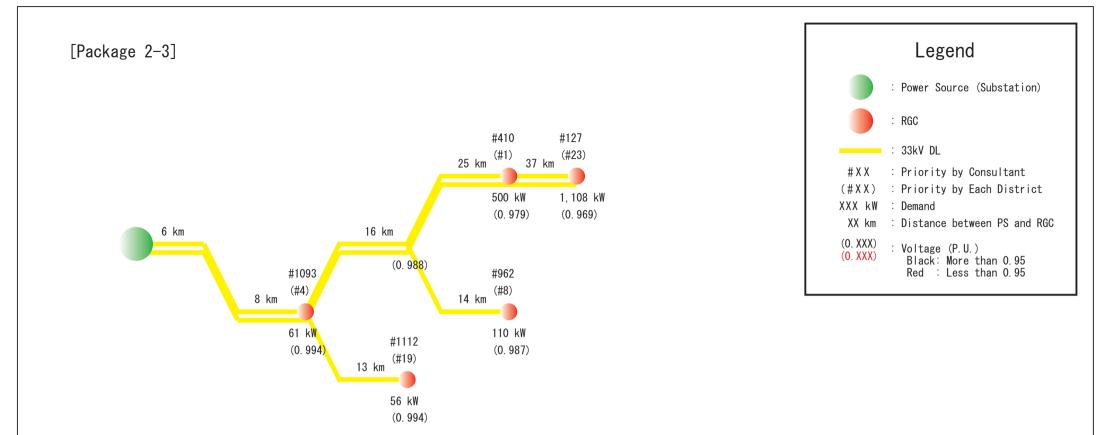
DL System at Chipili SS Feeder 1 (Package 1-5)



	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Chipili SS Feeder 2 (Package 2-1)

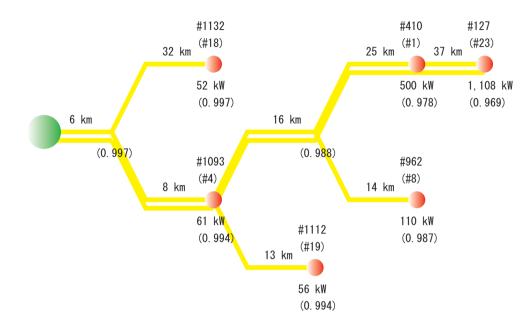


	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Chipili SS Feeder 2 (Package 2-2)



	The Study for Development of	Drawing No.	
	the Rural Electrification Master Plan in Zambia	Title	
ZESCO	Tokyo Electric Power Company	DL System at Chipili SS Feeder 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

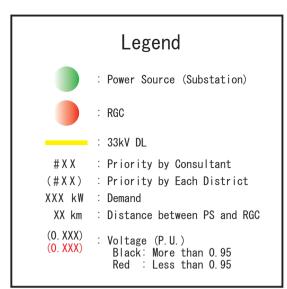


DL System at Chipili SS Feeder 2 (Package 2-4)

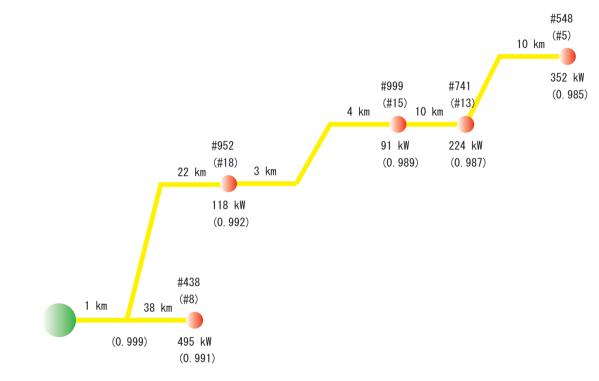


	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No. Title
ZESCO	Tokyo Electric Power Company	DL System a Feeder 1 (Pa

at Coventry SS ackage 1-1)

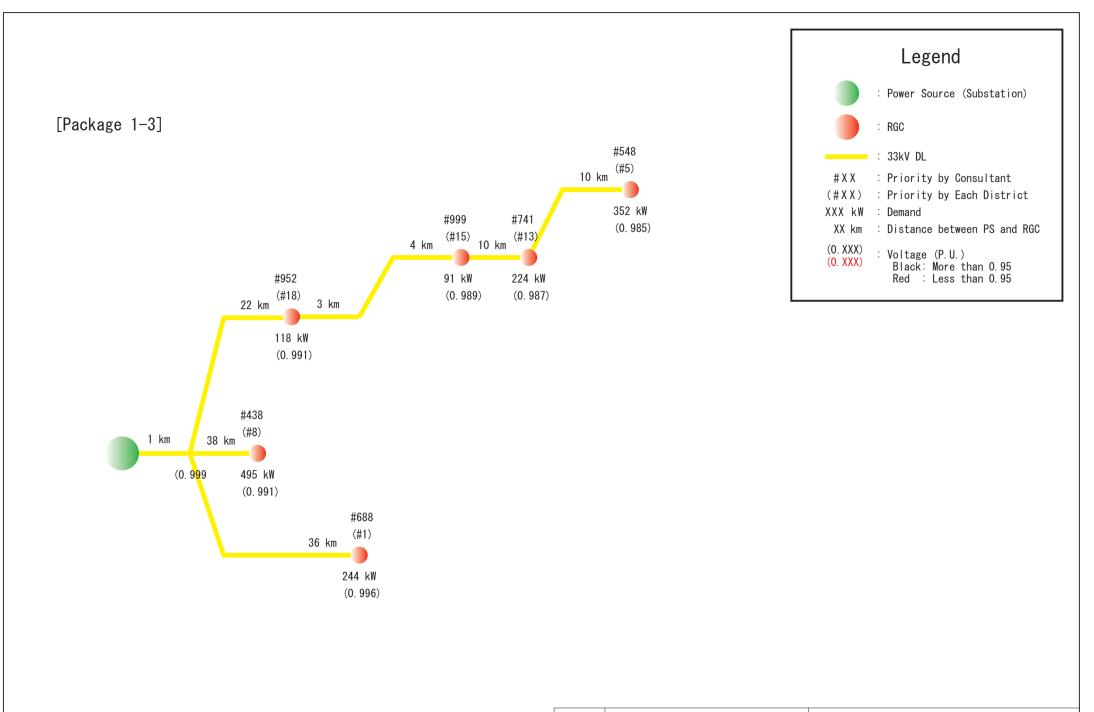


## [Package 1-2]



	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at C Feeder 1 (Packa

Coventry SS kage 1-2)



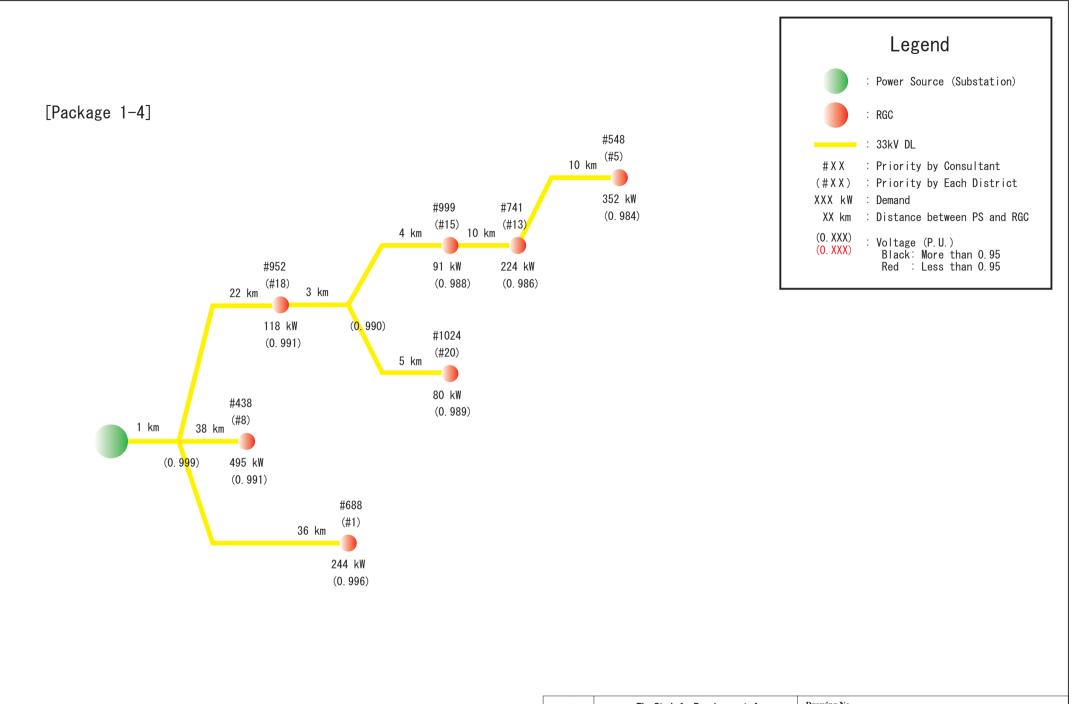
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Draw

 V
 Title

 V
 Tokyo Electric Power Company

Drawing No.

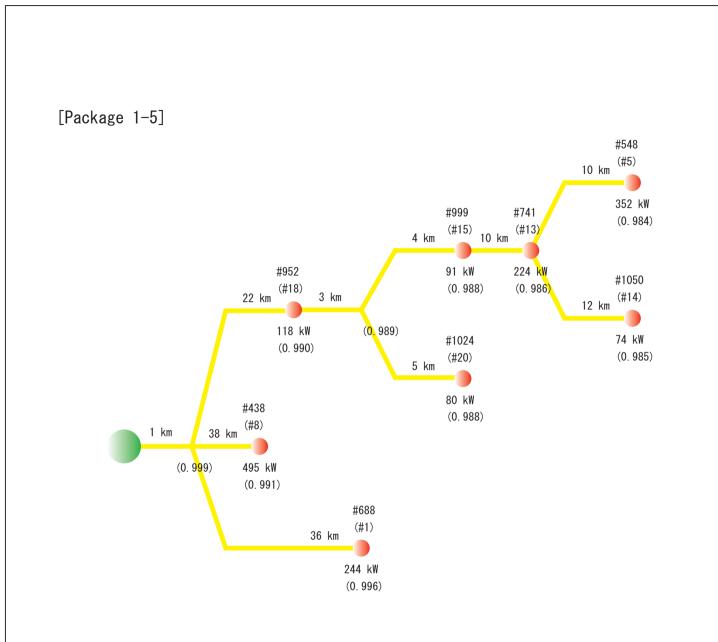
DL System at Coventry SS Feeder 1 (Package 1-3)

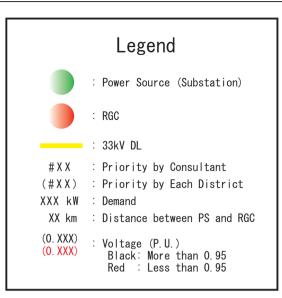


 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

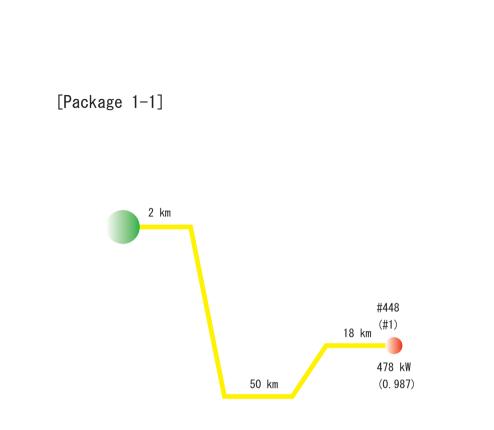




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

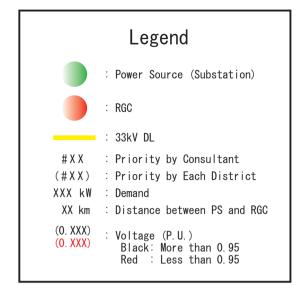
 Title
 Title

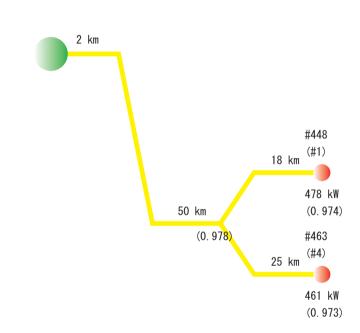
 Tokyo Electric Power Company
 Feeder 1 (Package 1-5)



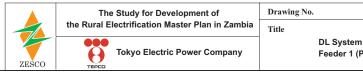
Legend			
	:	Power Source (Substation)	
	:	RGC	
	:	33kV DL	
# X X	:	Priority by Consultant	
(#XX)	:	Priority by Each District	
XXX kW	:	Demand	
XX km	:	Distance between PS and RGC	
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	



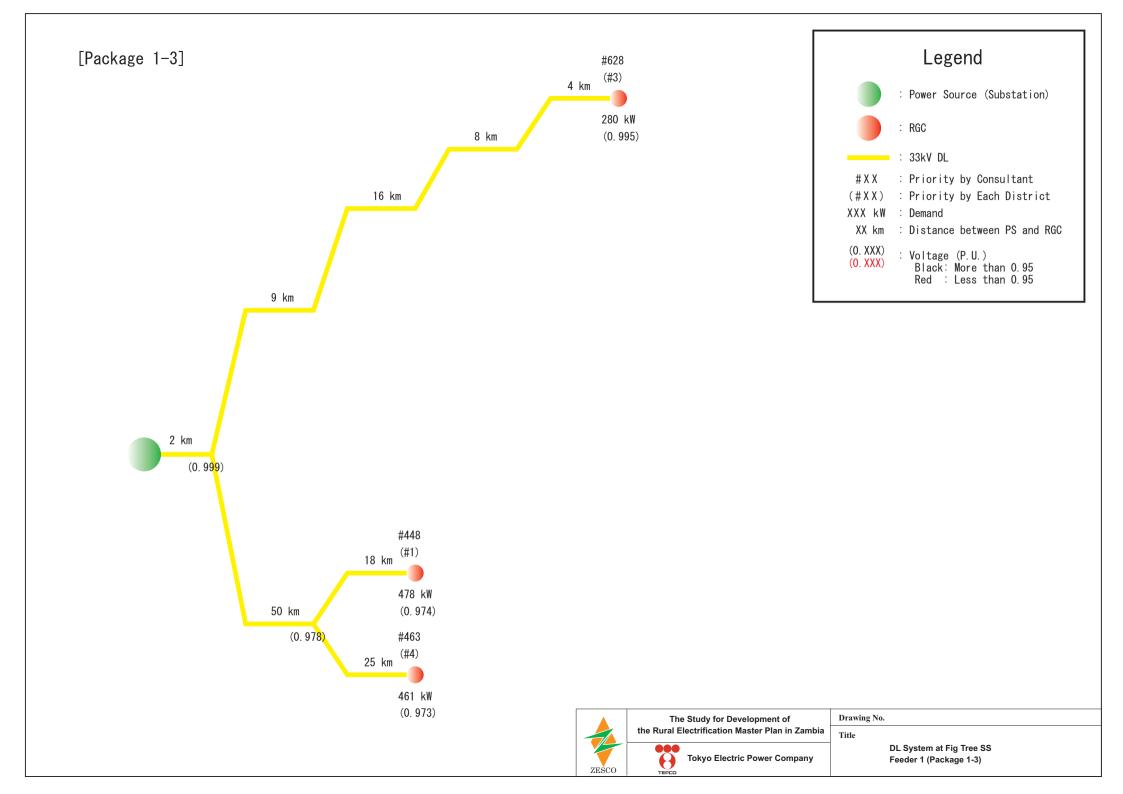


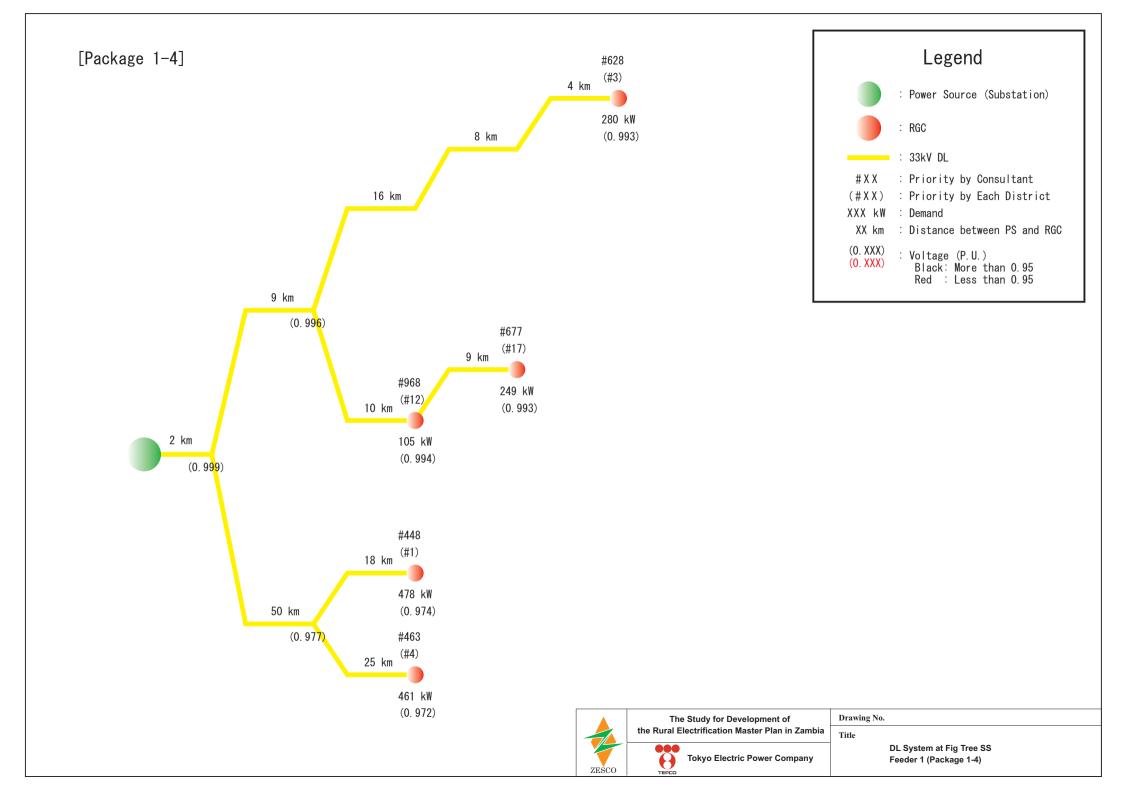


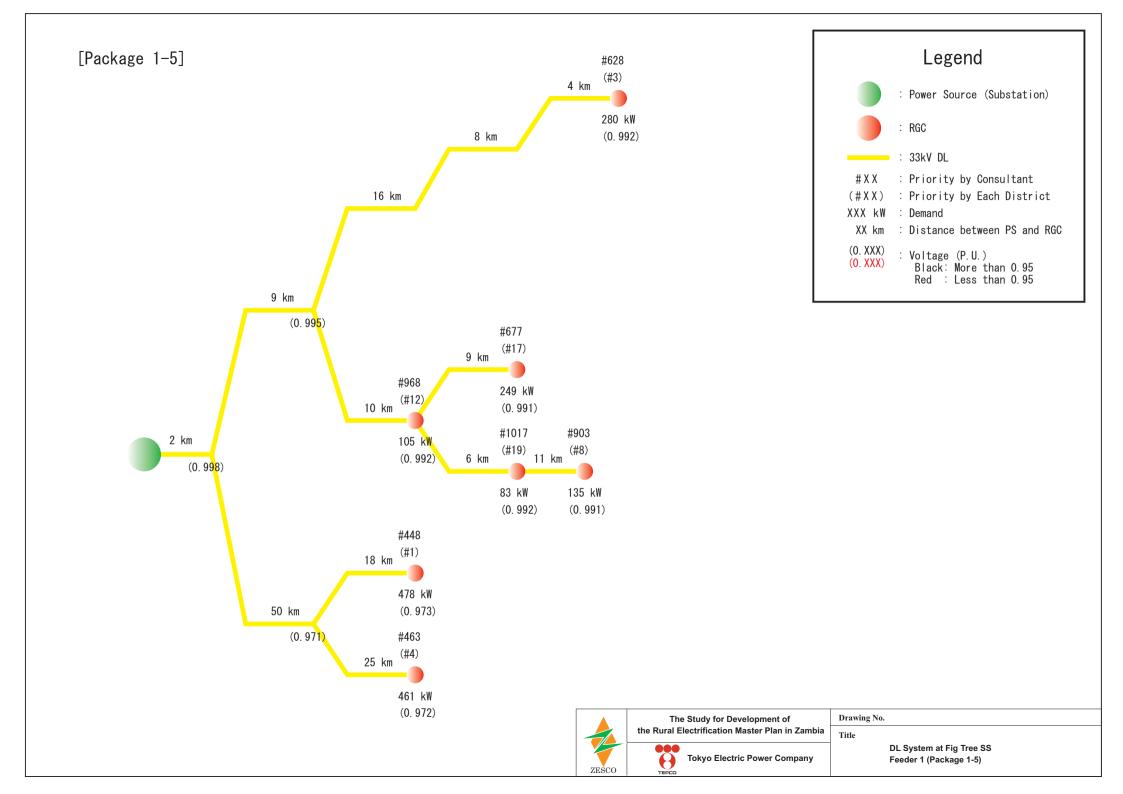
[Package 1-2]

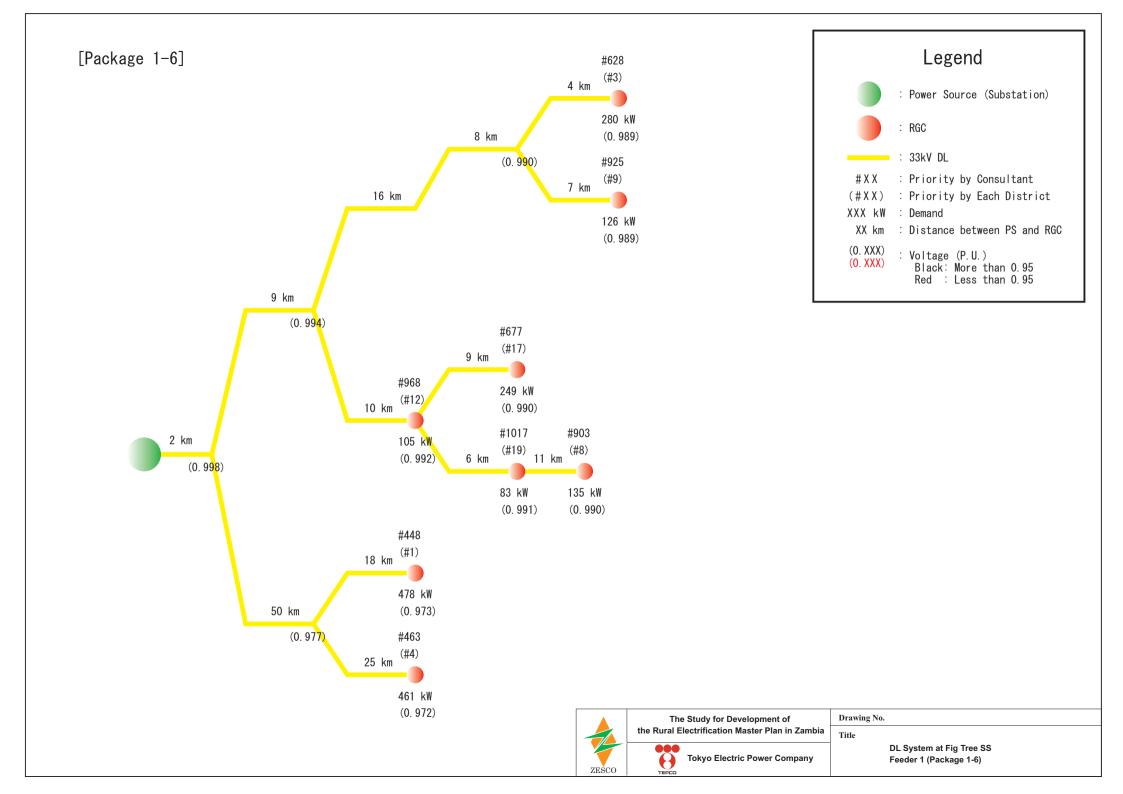


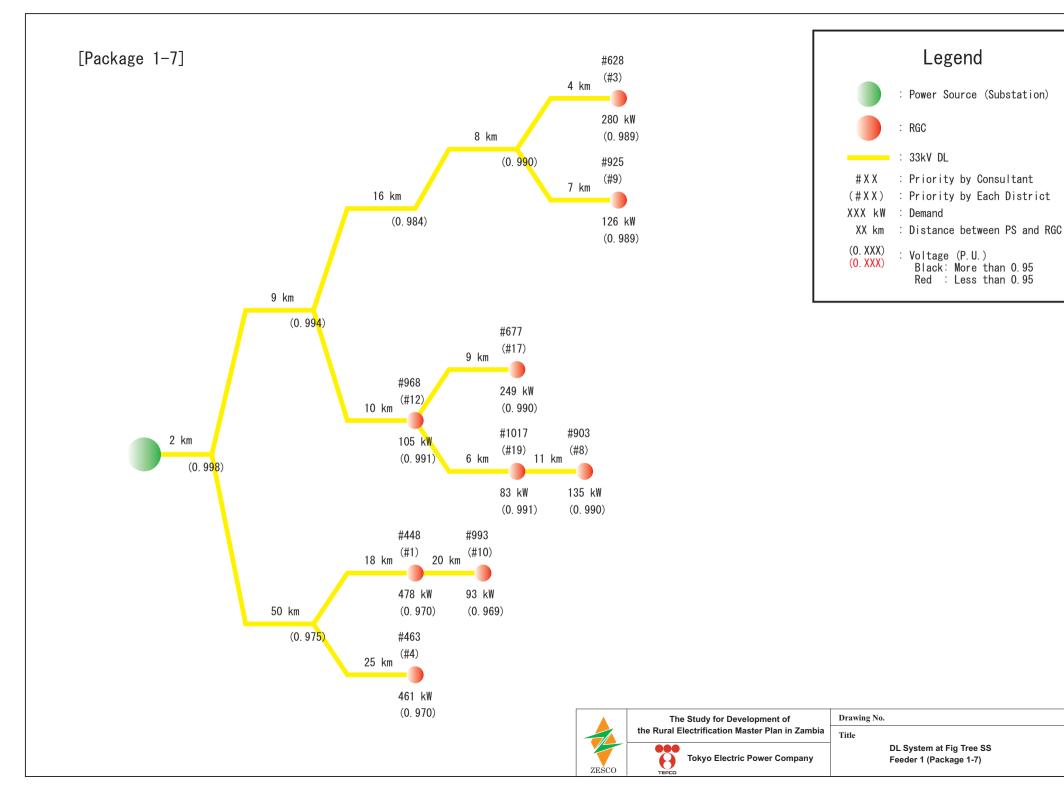
DL System at Fig Tree SS Feeder 1 (Package 1-2)

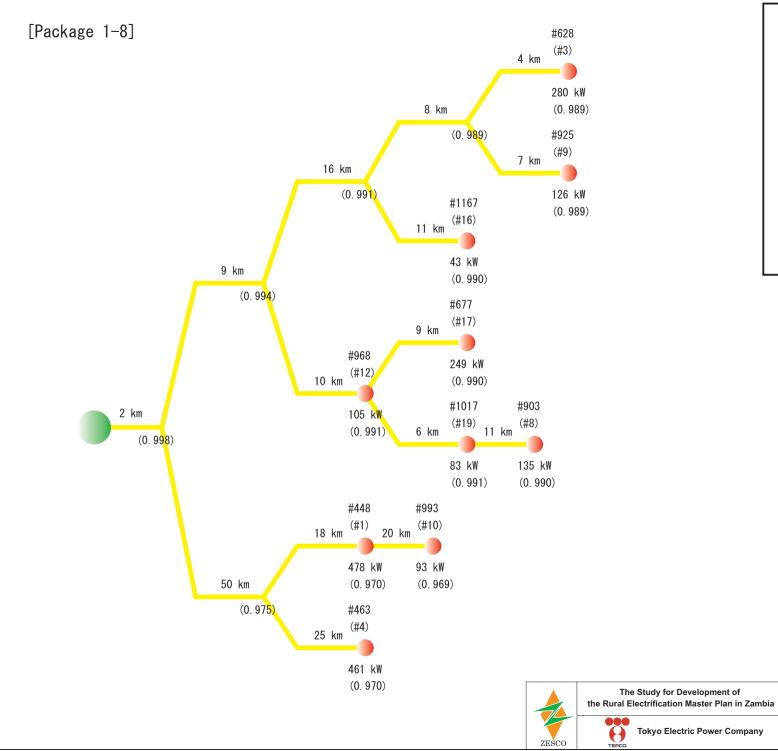










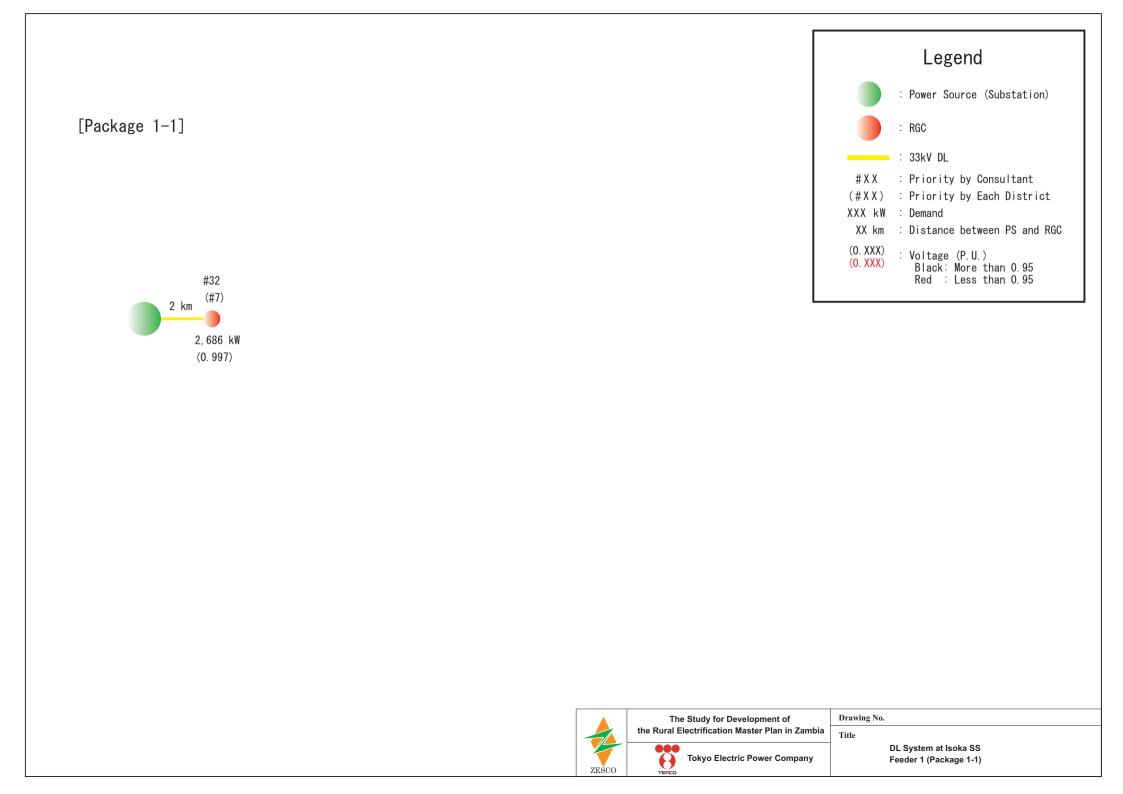


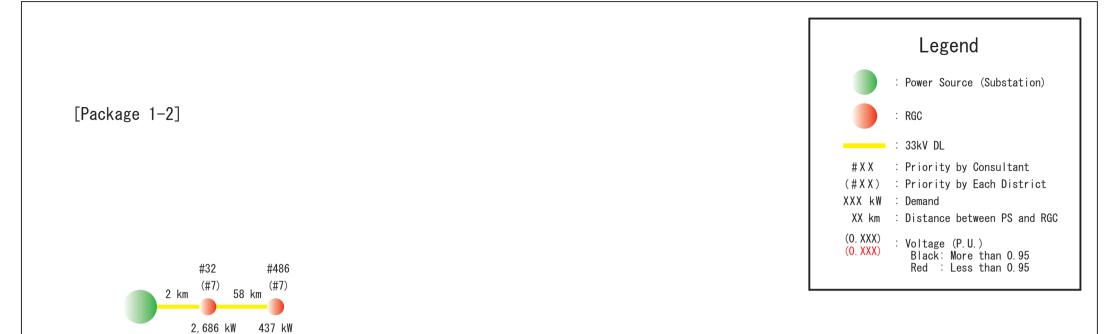
Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

DL System at Fig Tree SS Feeder 1 (Package 1-8)

Drawing No.

Title



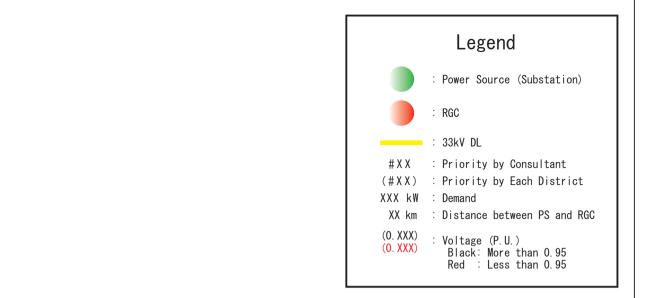


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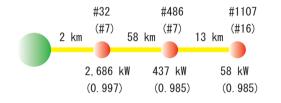
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		The Study for Development of	Drawing No.
	ZESCO	the Rural Electrification Master Plan in Zambia	Title
		Tokyo Electric Power Company	DL System Feeder 1 (P

at Isoka SS Package 1-2)



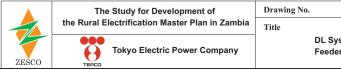
[Package 1-3]





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

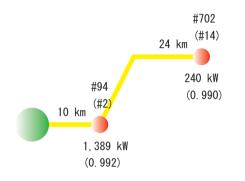
	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
[Package 2-1]	#XX: Priority by Consultant(#XX): Priority by Each DistrictXXX kW: DemandXX km: Distance between PS and RGC
	(O.XXX) : Voltage (P.U.) (O.XXX) Black: More than 0.95 Red : Less than 0.95
#94 10 km (#2) 1, 389 kW (0. 994)	



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

Legend		
	:	Power Source (Substation)
	:	RGC
	:	33kV DL
# X X	:	Priority by Consultant
(#XX)	:	Priority by Each District
XXX kW	:	Demand
XX km	:	Distance between PS and RGC
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

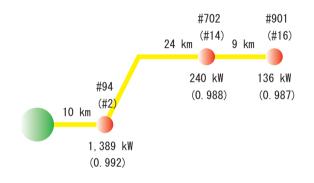
[Package 2-2]

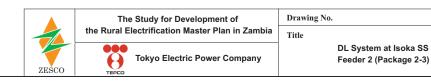




Legend		
	:	Power Source (Substation)
	:	RGC
	:	33kV DL
# X X	:	Priority by Consultant
(#XX)	:	Priority by Each District
XXX kW	:	Demand
XX km	:	Distance between PS and RGC
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

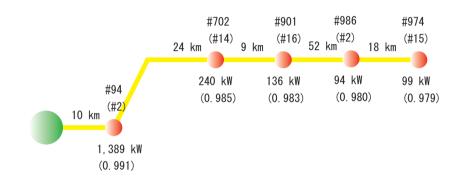
## [Package 2-3]





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	

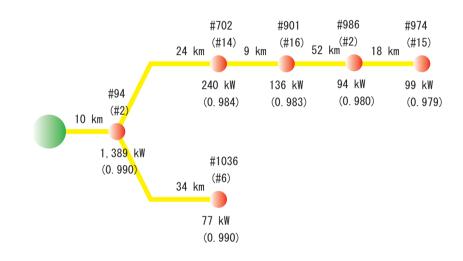
## [Package 2-4]



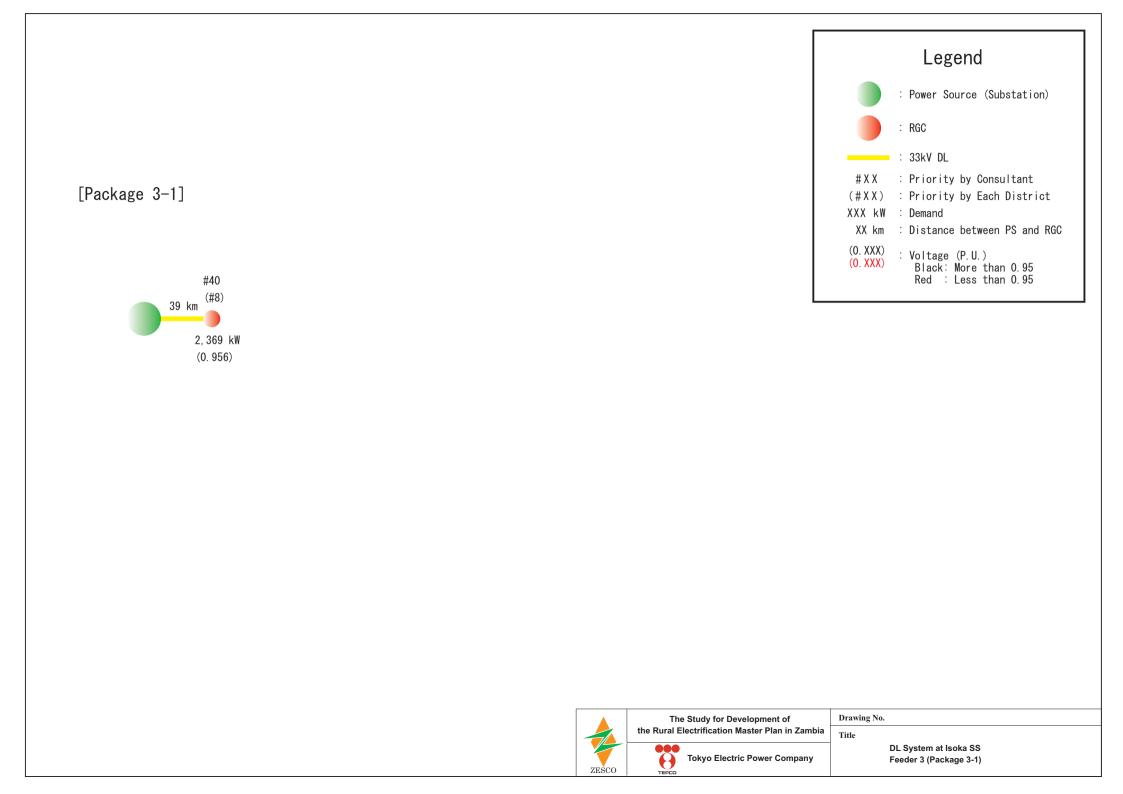


Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

## [Package 2-5]

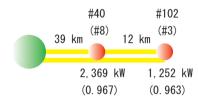






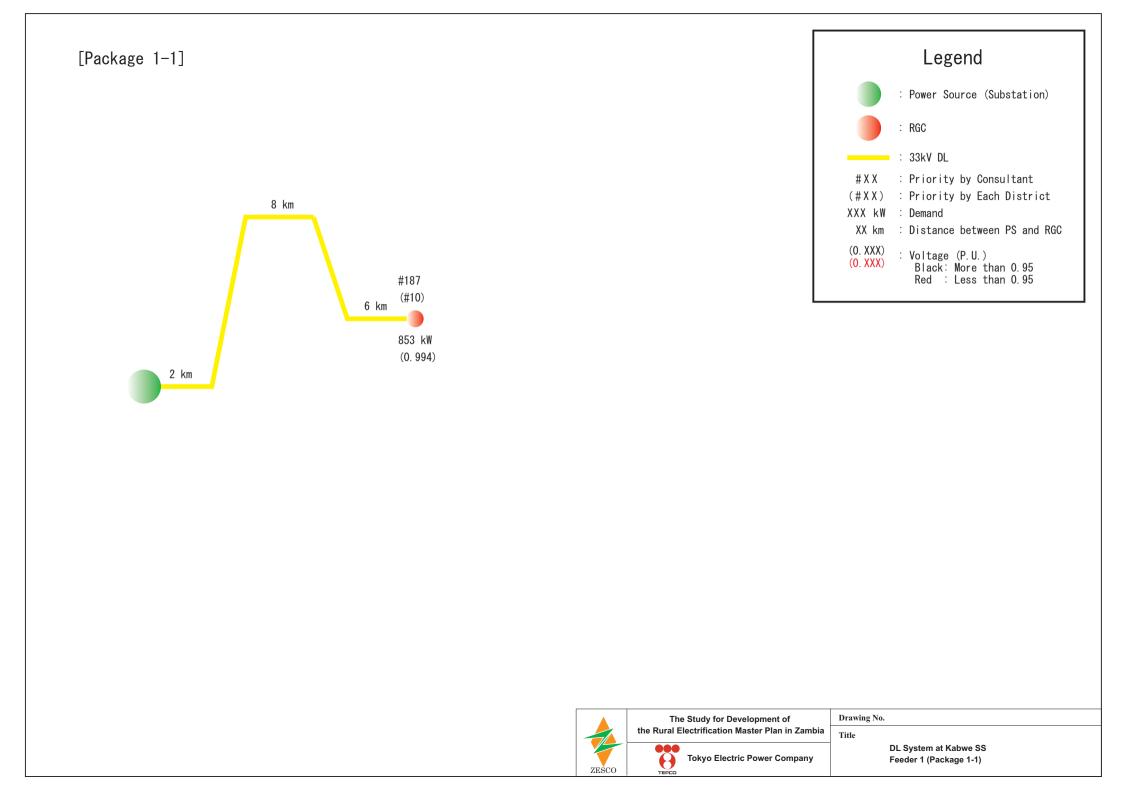
Legend		
	:	Power Source (Substation)
	:	RGC
	:	33kV DL
# X X	:	Priority by Consultant
(#XX)	:	Priority by Each District
XXX kW	:	Demand
XX km	:	Distance between PS and RGC
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

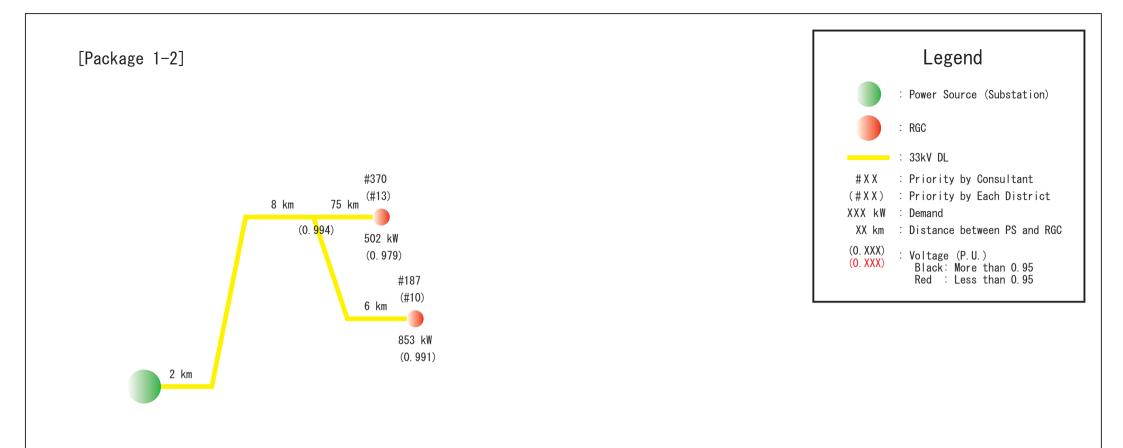
[Package 3-2]



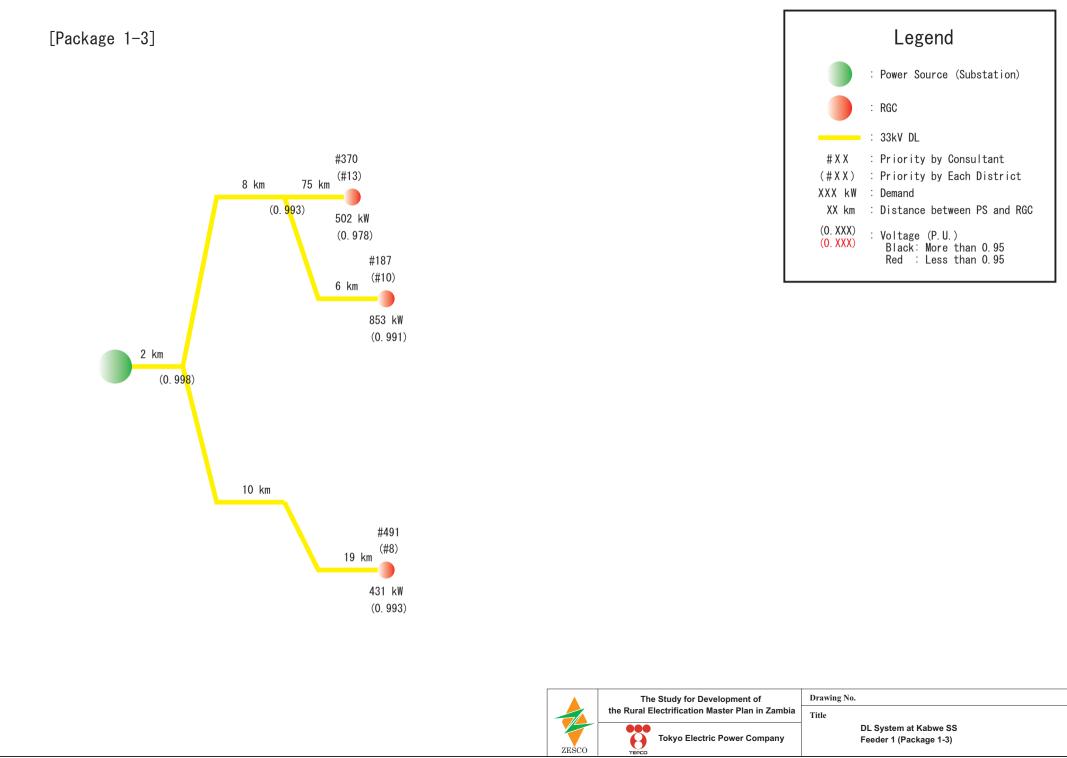


DL System at Isoka SS Feeder 3 (Package 3-2)





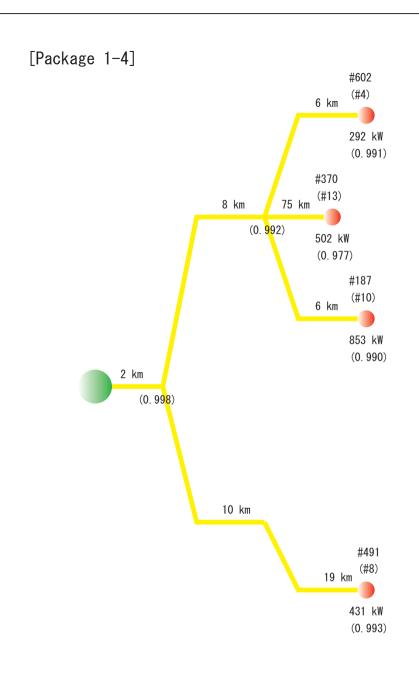
	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
	Tokyo Electric Power Company	DL System at Kabwe SS Feeder 1 (Package 1-2)
ZESCO	TERCO	

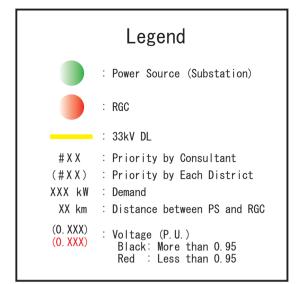


ZESCO

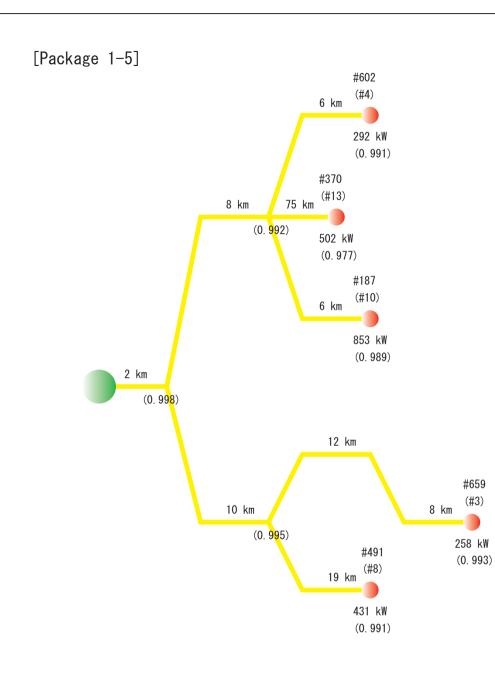
Tokyo Electric Power Company

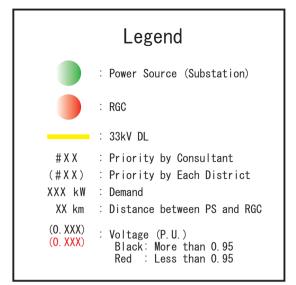
DL System at Kabwe SS Feeder 1 (Package 1-3)



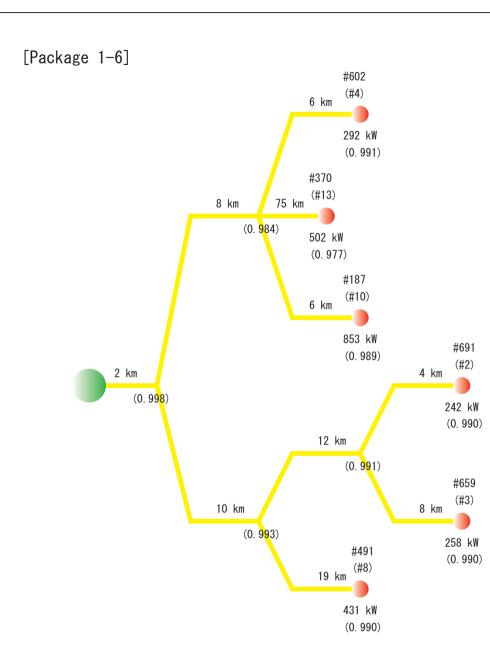


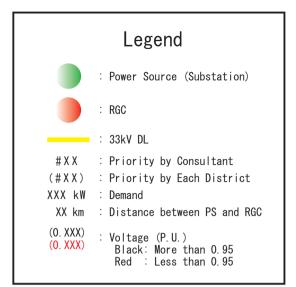
	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No.
		Title
ZESCO	Tokyo Electric Power Company	DL System at Kabwe SS Feeder 1 (Package 1-4)





	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Kabwe SS Feeder 1 (Package 1-5)



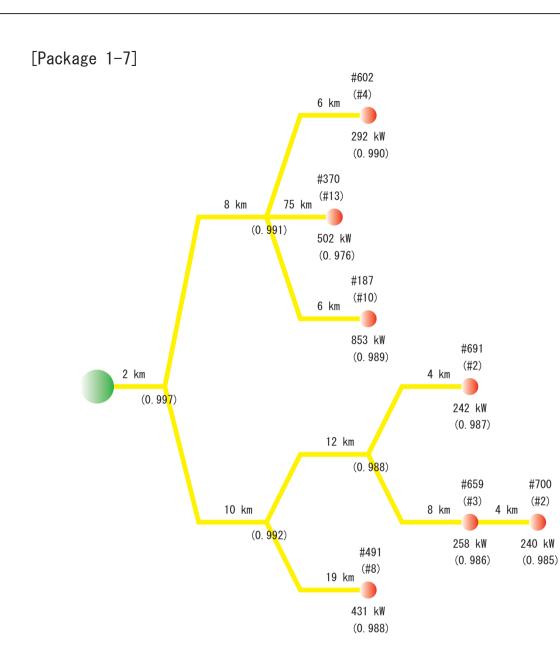


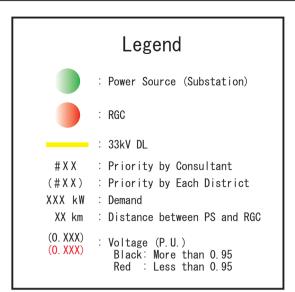
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 DL System Feeder 1 (1)

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

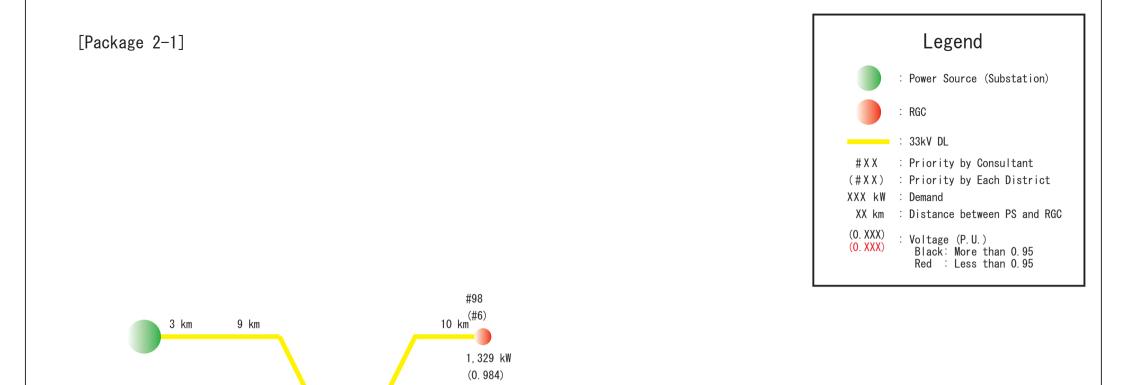




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

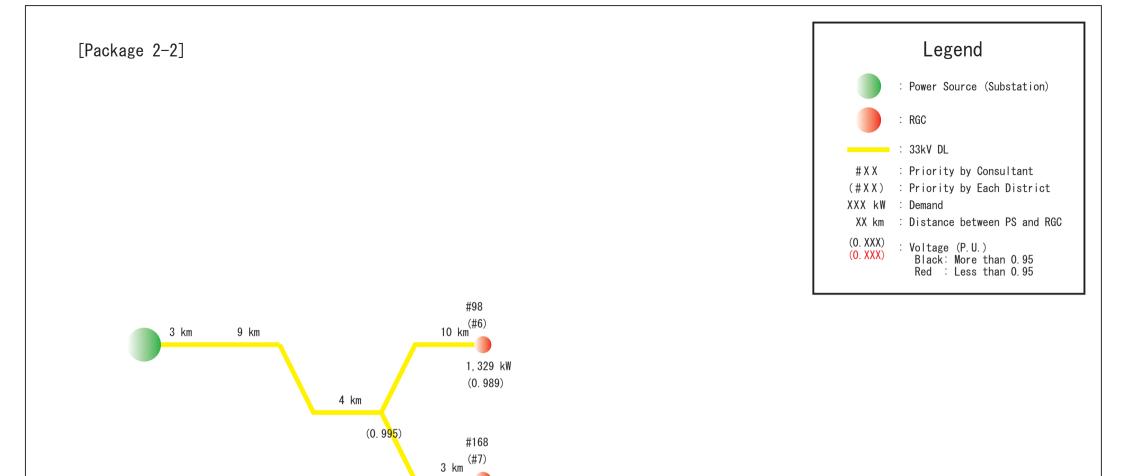
 Title
 Title

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



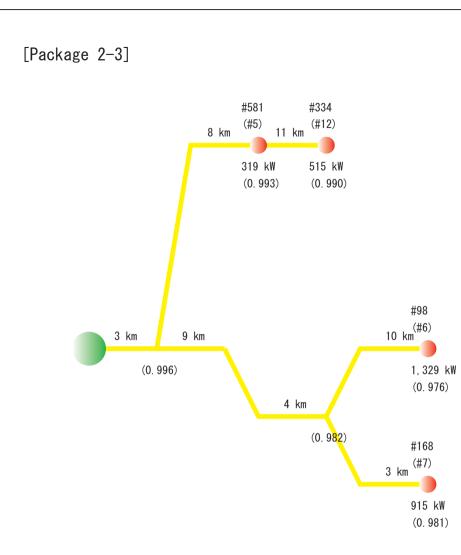
4 km

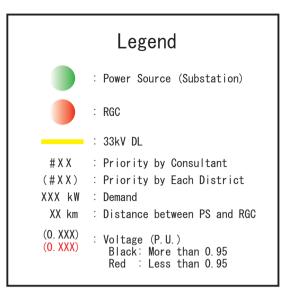




915 kW (0.994)



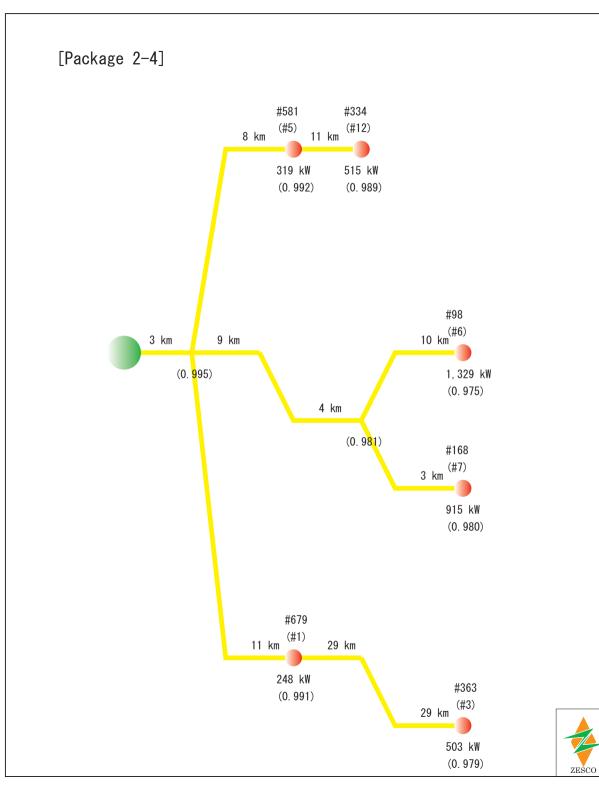


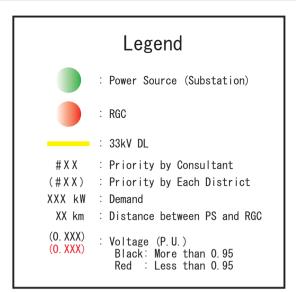


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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



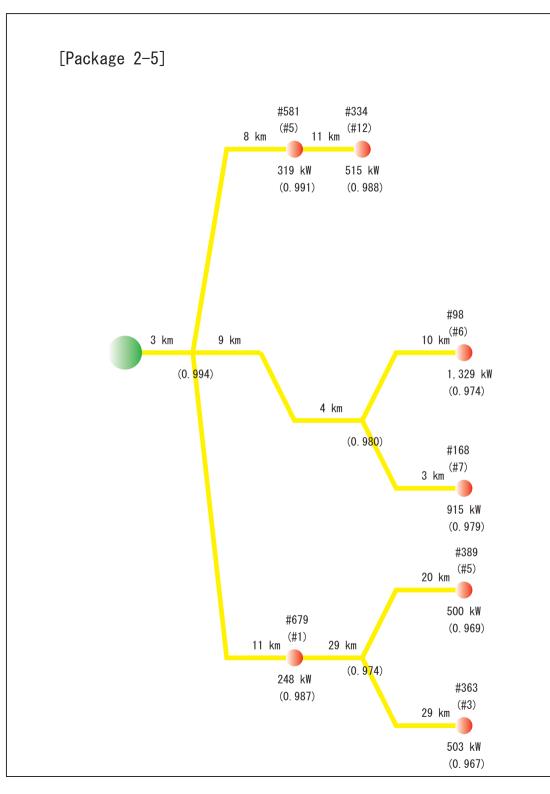


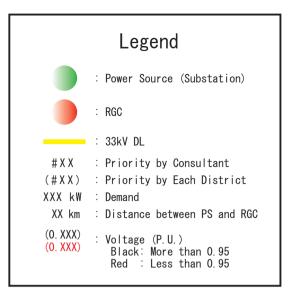


TEPCO

Tokyo Electric Power Company

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



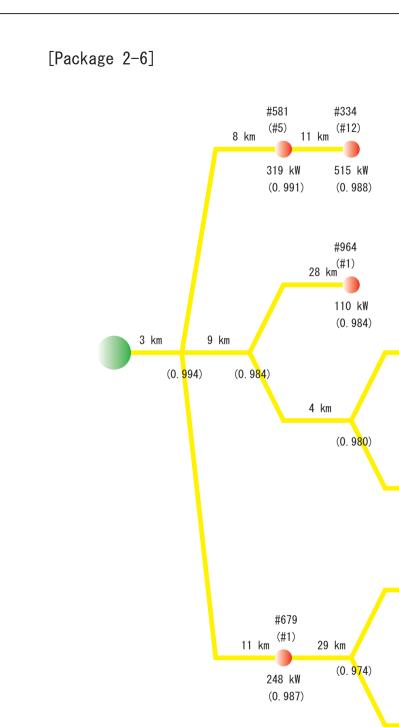


		Study for Development of ectrification Master Plan in Zamb
SCO	TEPCD	Tokyo Electric Power Company

ZESCO

Drawing No. Plan in Zambia Title

> DL System at Kabwe SS Feeder 2 (Package 2-5)



#98

1,329 kW (0.973)

#168 (#7) 3 km

> 915 kW (0.978) #389 (#5)

500 kW

(0.969)

#363

(#3)

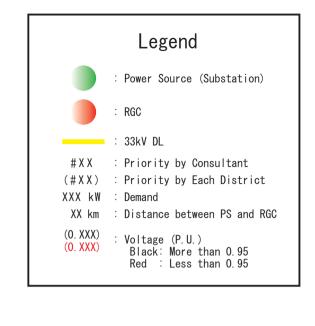
503 kW

(0.967)

20 km

29 km

(#6) 10 km

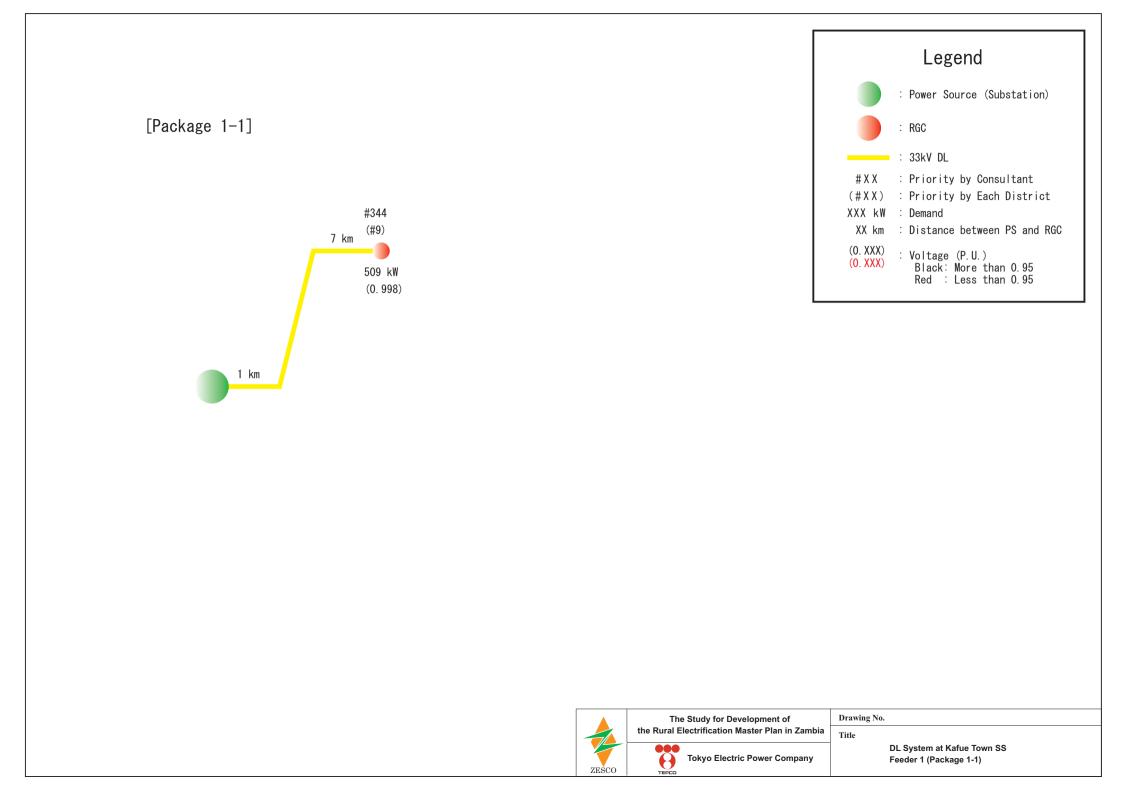


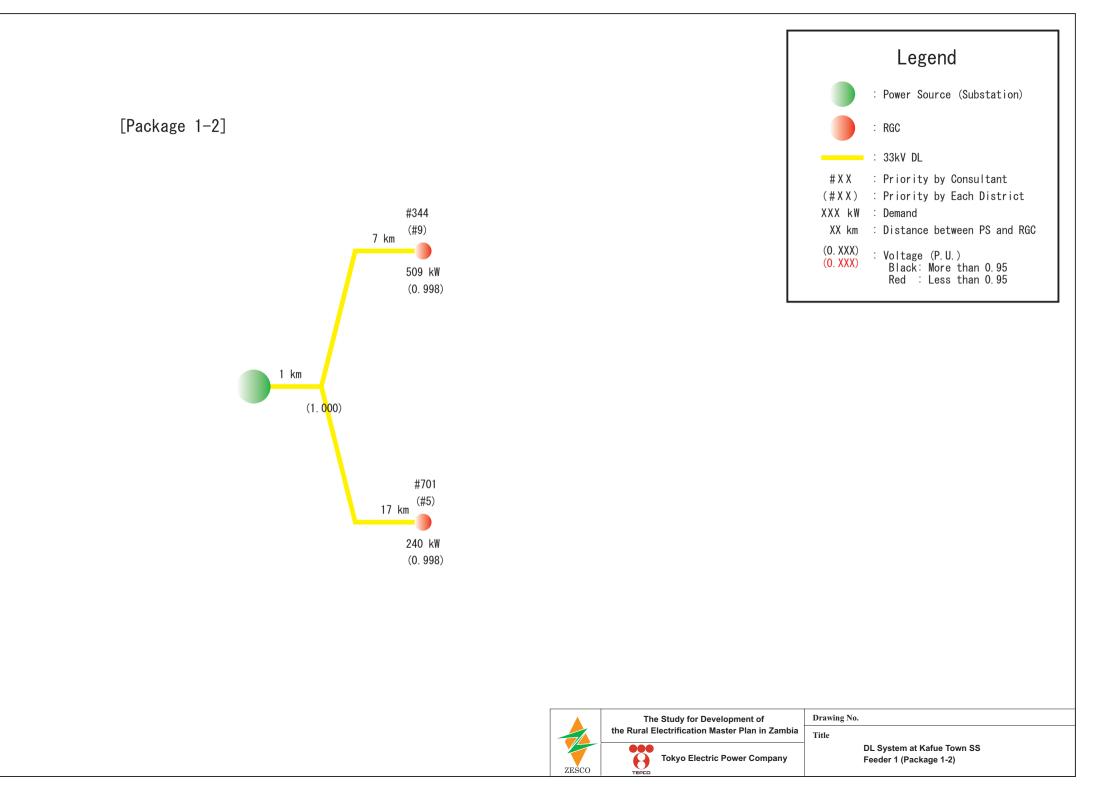


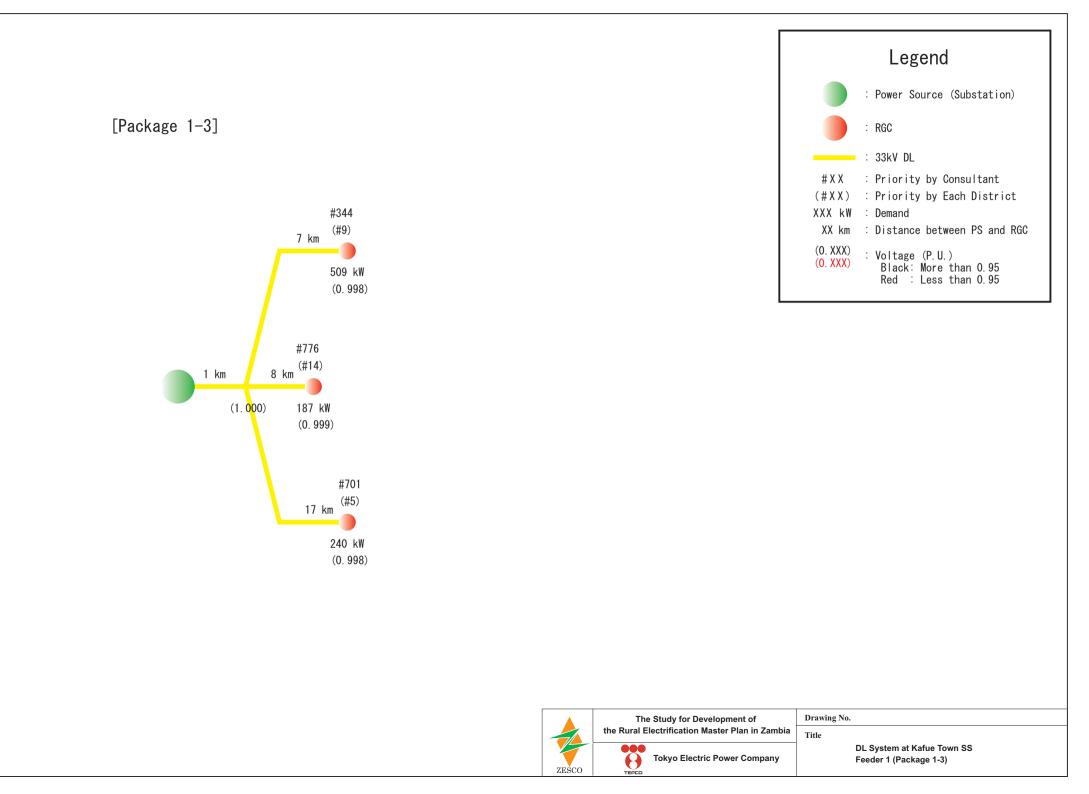
ZESCO

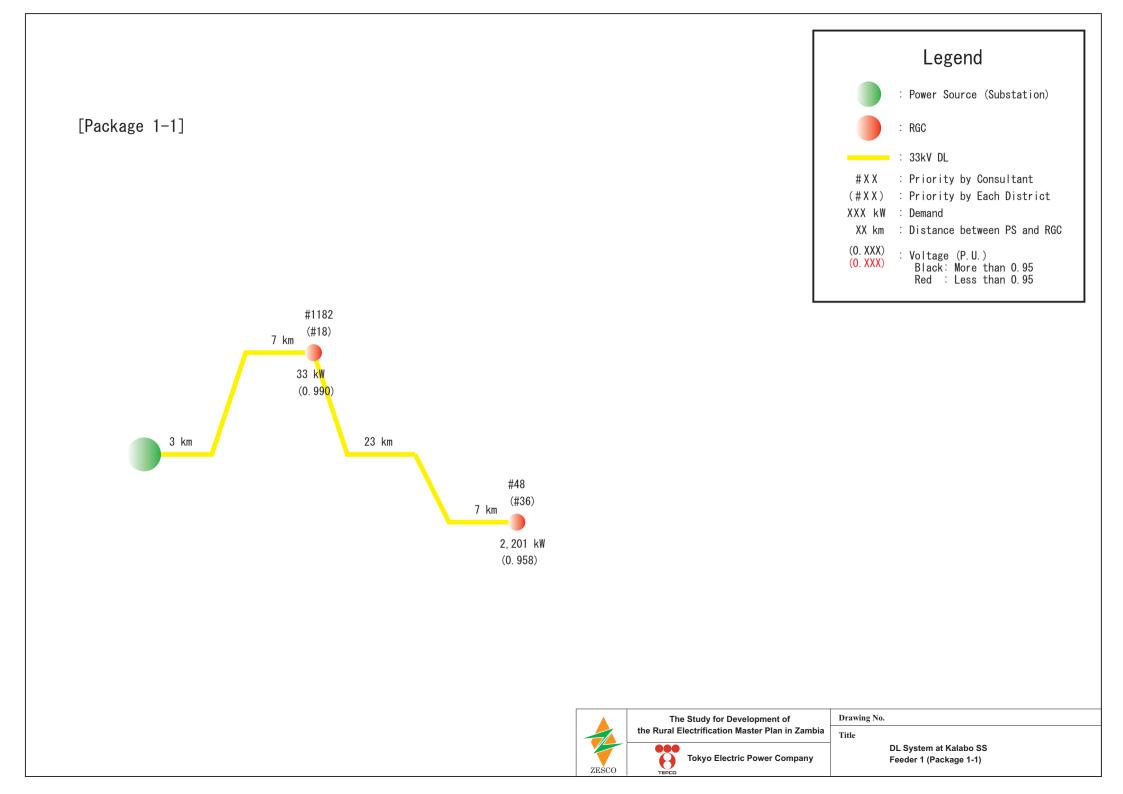
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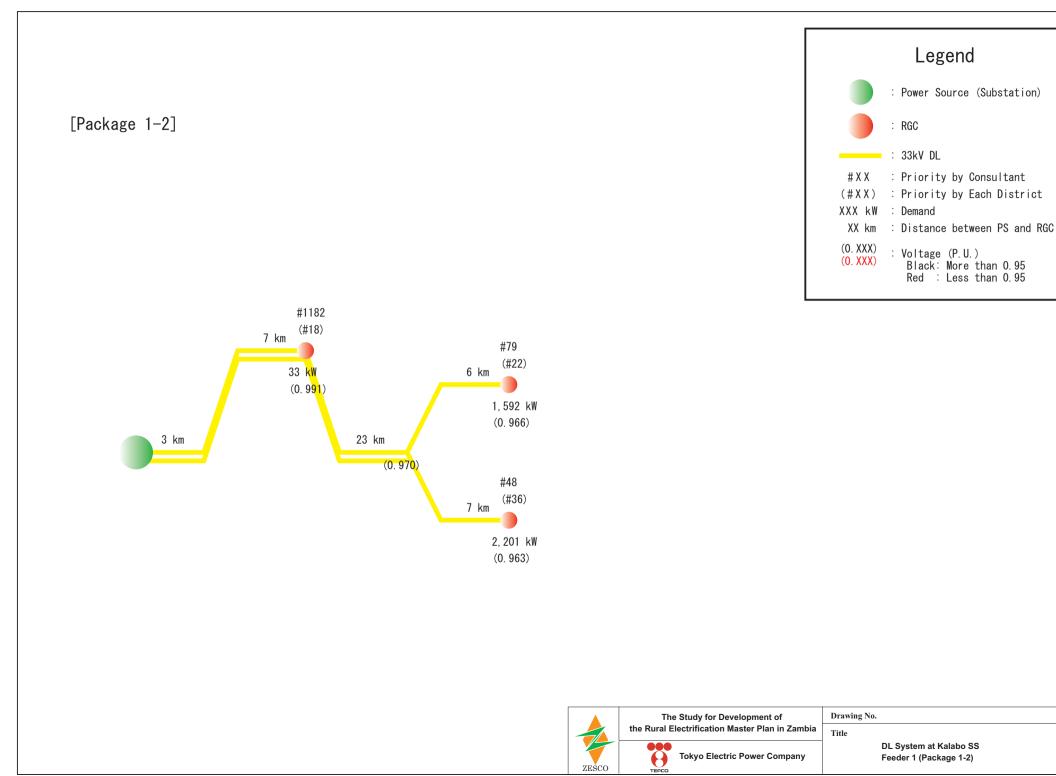
> DL System at Kabwe SS Feeder 2 (Package 2-6)







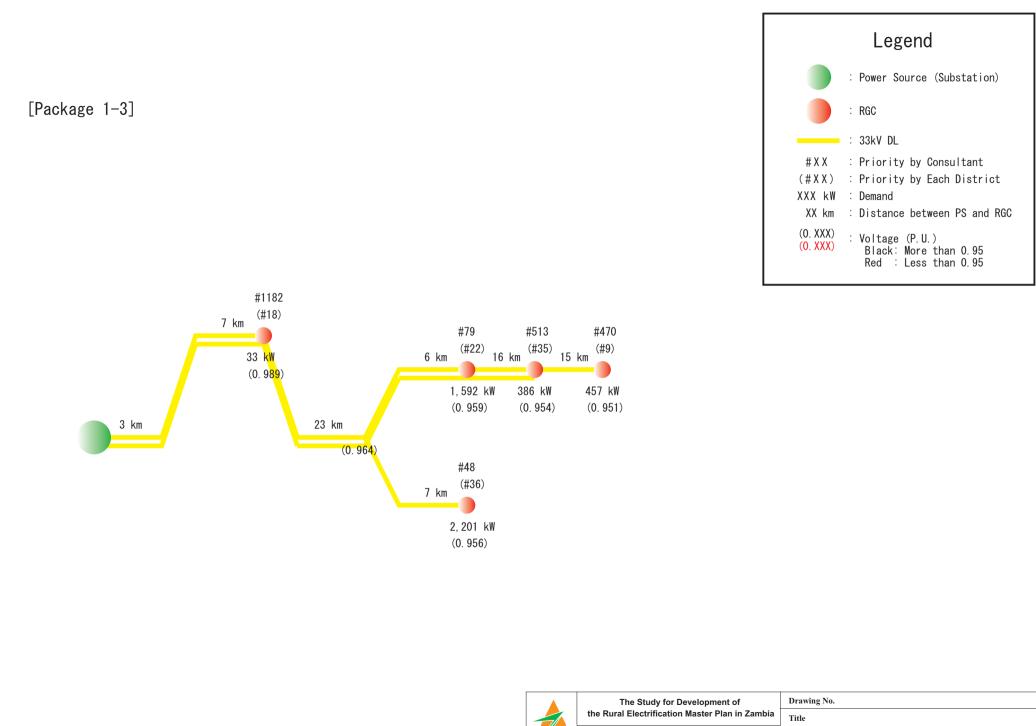




DL System at Kalabo SS Feeder 1 (Package 1-2)

Tokyo Electric Power Company

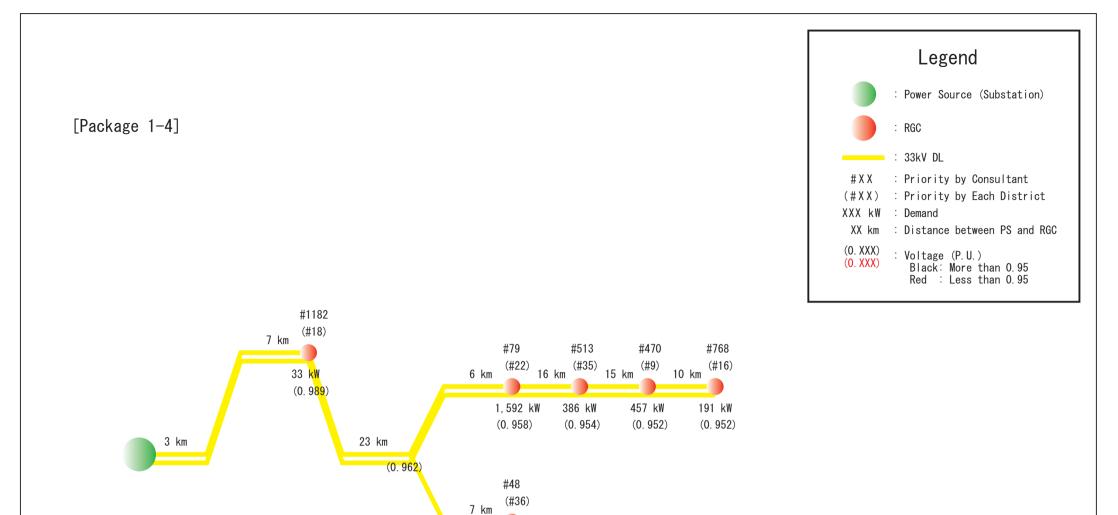
ZESCO



ZESCO

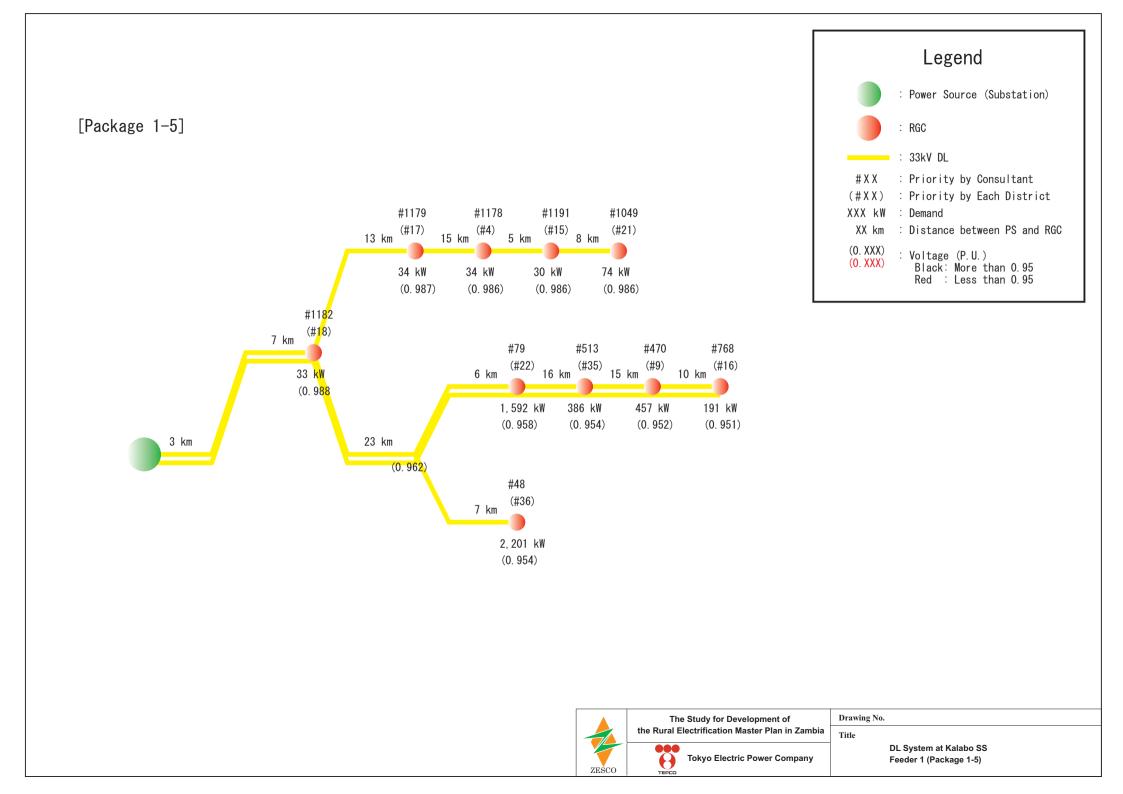
Tokyo Electric Power Company

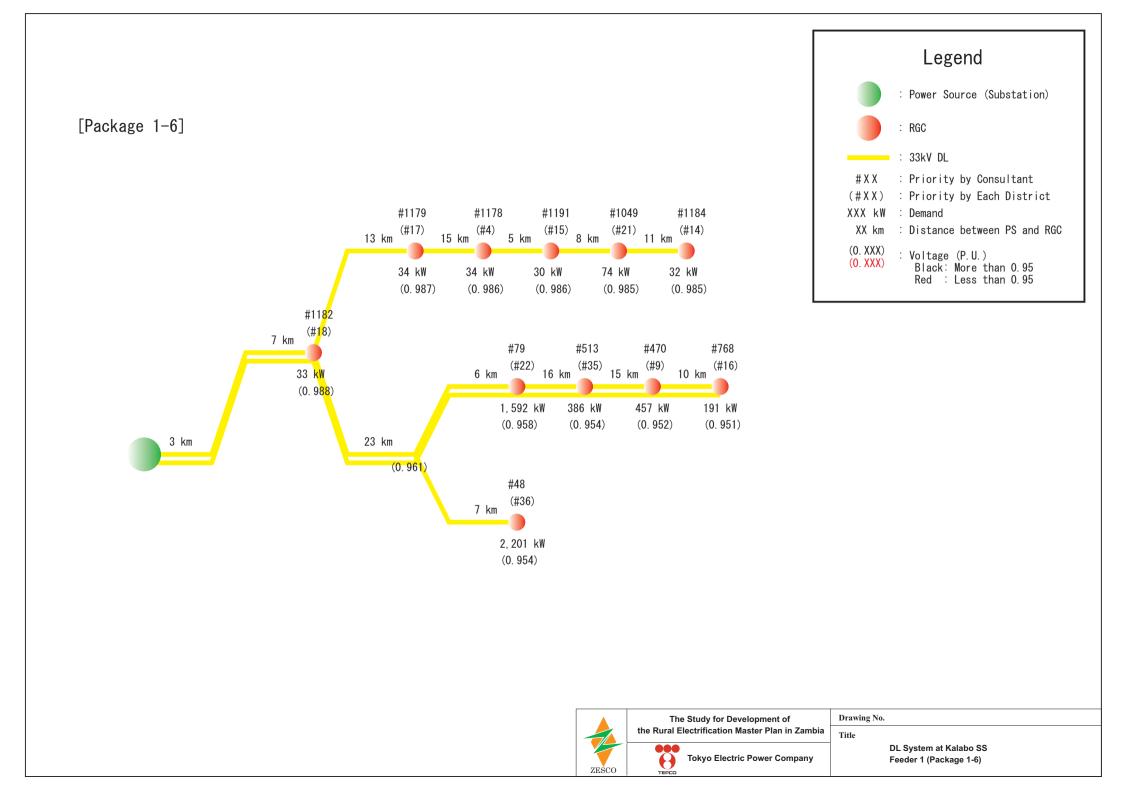
DL System at Kalabo SS Feeder 1 (Package 1-3)

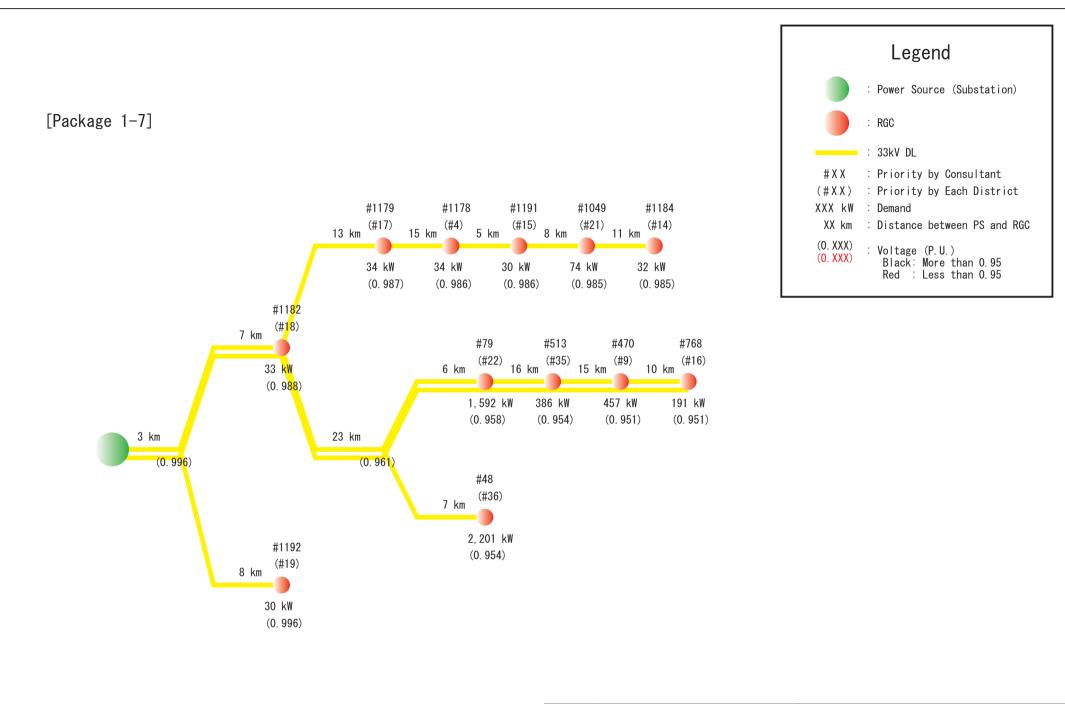


2,201 kW (0.954)

	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No.
		Title
ZESCO	Tokyo Electric Power Company	DL System at Kalabo SS Feeder 1 (Package 1-4)







 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

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	

## [Package 2-1]



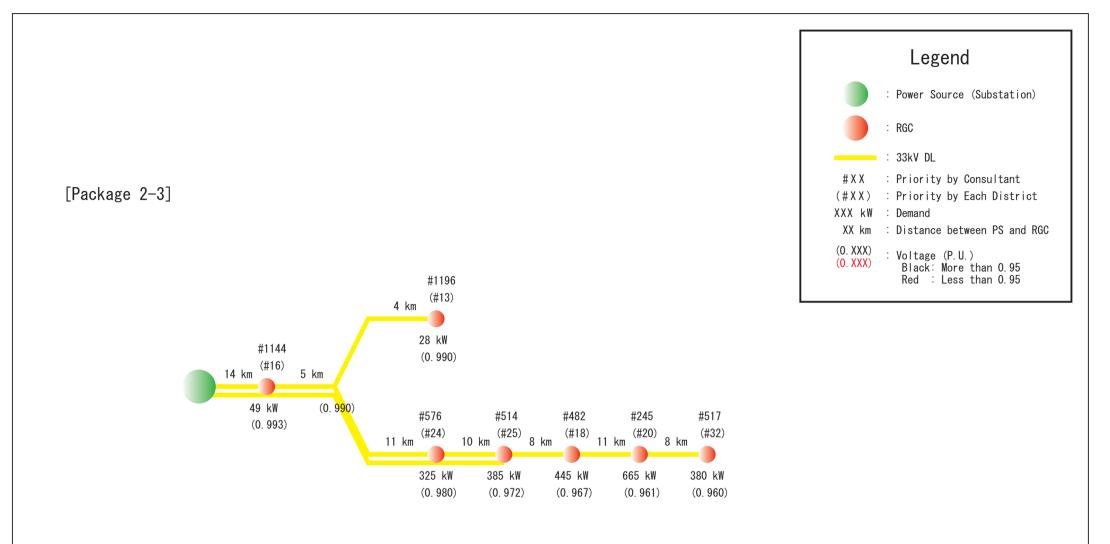


Legend
: Power Source (Substation)
RGC
: 33kV DL
#XX : Priority by Consultant (#XX) : Priority by Each District XXX kW : Demand XX km : Distance between PS and RGC
(O.XXX) : Voltage (P.U.) (O.XXX) : Black: More than 0.95 Red : Less than 0.95

## #1144 (#16) 14 km 5 km 49 kW #576 #514 #482 #245 #517 (0. 988) (#18) 11 km (#25) 8 km (#20) 8 km (#32) (#24) 10 km 11 km 445 kW 380 kW 325 kW 385 kW 665 kW (0.974) (0.966) (0.960) (0.954) (0.953)

[Package 2-2]

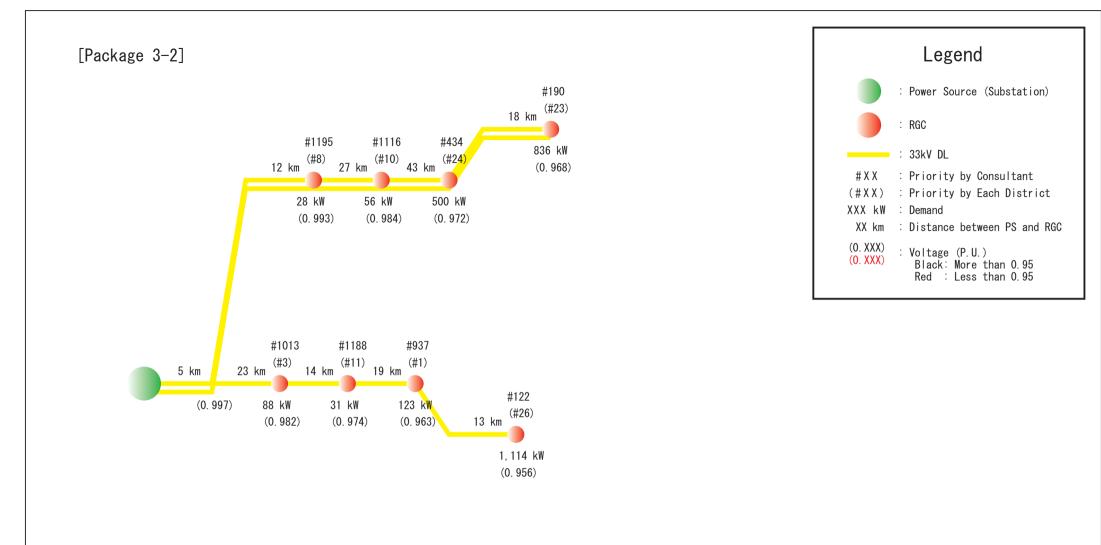




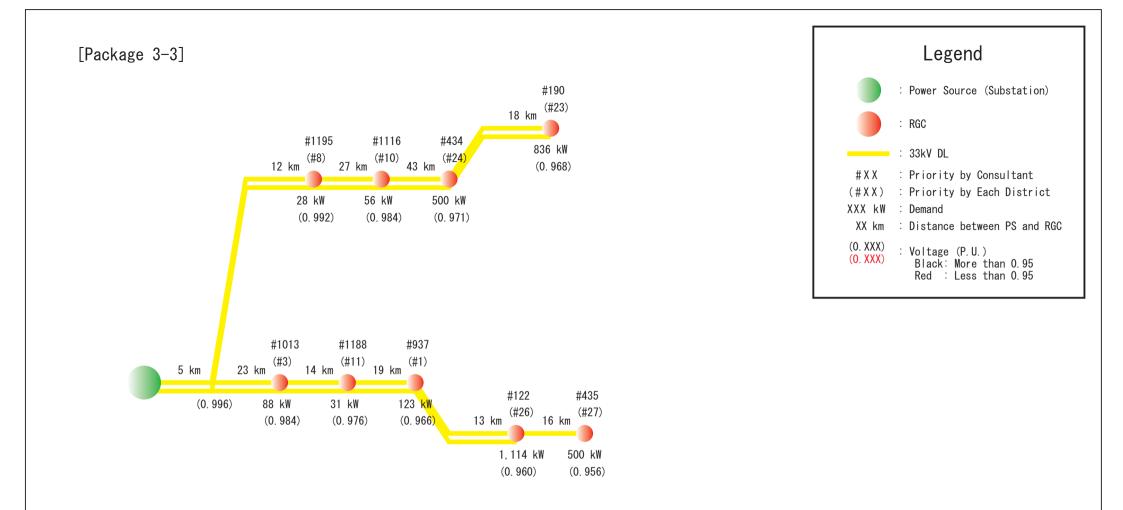


[Package 3-1]	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL #XX : Priority by Consultant (#XX) : Priority by Each District XXX kW : Demand XX km : Distance between PS and RGC (0.XXX) (0.XXX) (0.XXX) : Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95
5 km 23 km <sup>#1013</sup> <sup>#1188</sup> <sup>#937</sup> (#3) 14 km <sup>(#11)</sup> 19 km <sup>(#1)</sup> 88 kW 31 kW 123 kW (0. 982) (0. 974) (0. 963)	#122 (#26) 1, 114 kW

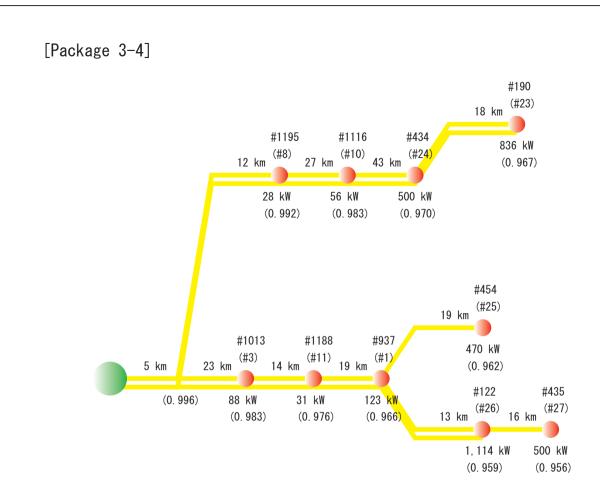






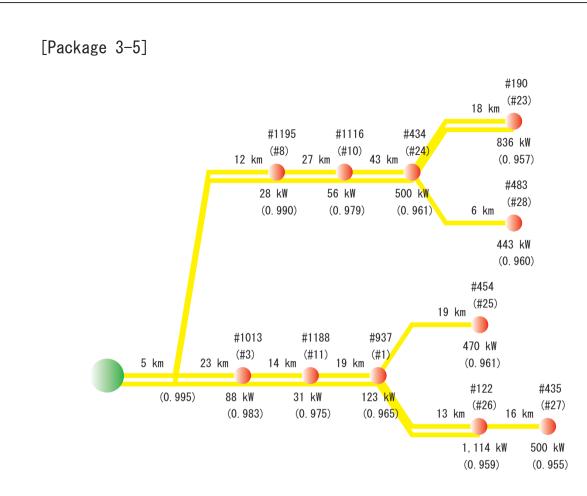






Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		



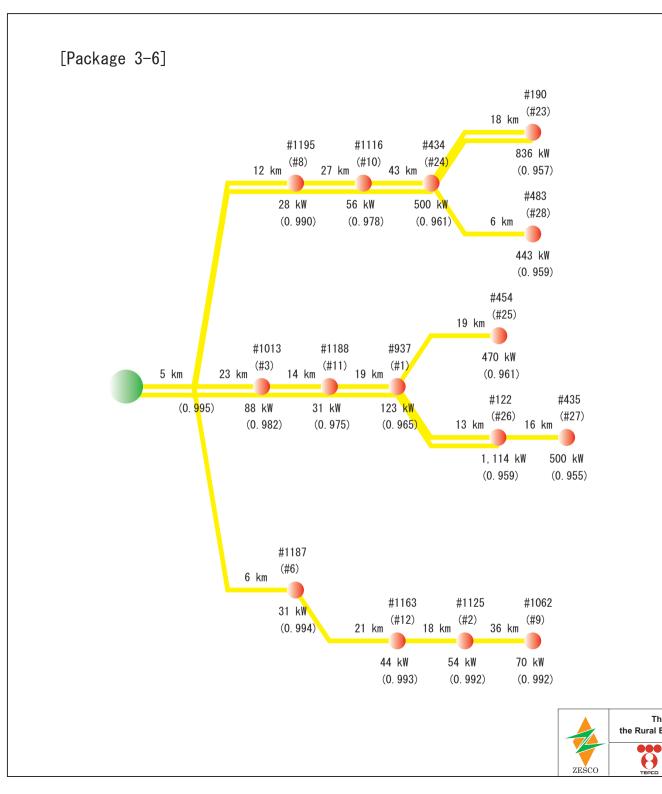


Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		

 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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



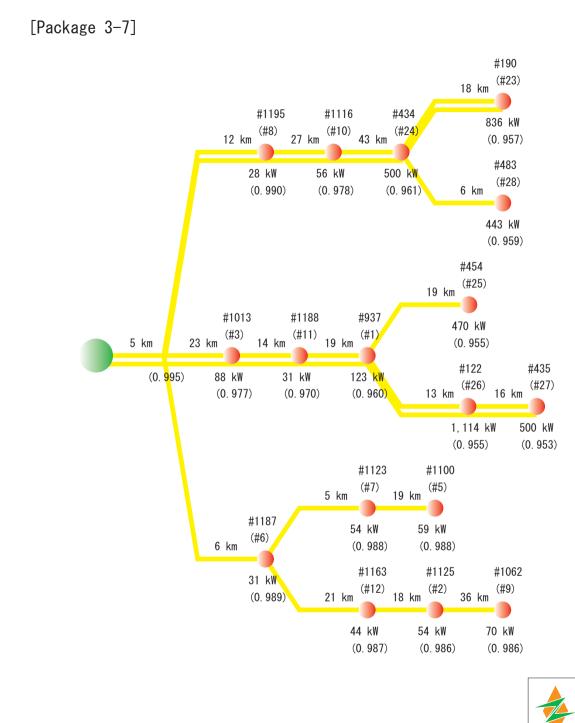
Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X (# X X) XXX kW XX km (0. XXX) (0. XXX)	: Priority by Each District : Demand		

the Rural Electrification Master Plan in Zambia Title

The Study for Development of

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

Drawing No.

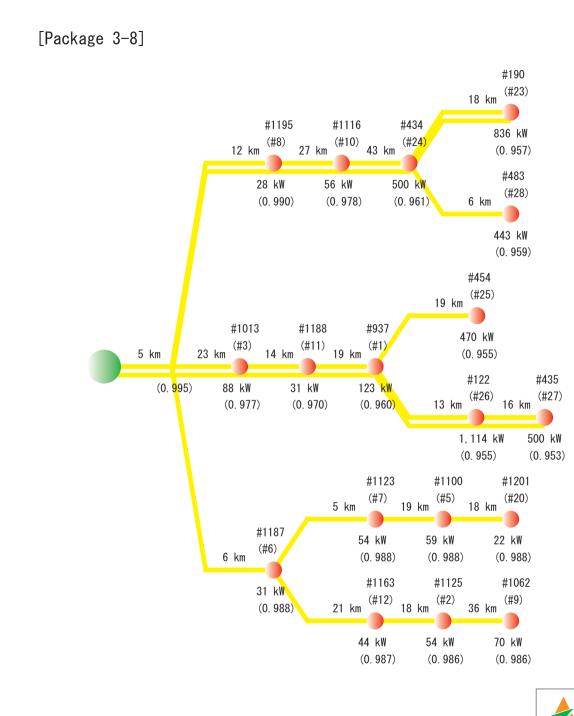


Legend			
	:	Power Source (Substation)	
	:	RGC	
	:	33kV DL	
# X X	:	Priority by Consultant	
(#XX)	:	Priority by Each District	
XXX kW	:	Demand	
XX km	:	Distance between PS and RGC	
(0. XXX) (0. XXX)	:	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

The Study for Development of the Rural Electrification Master Plan in Zambia
Title
Tokyo Electric Power Company

ZESCO

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



	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

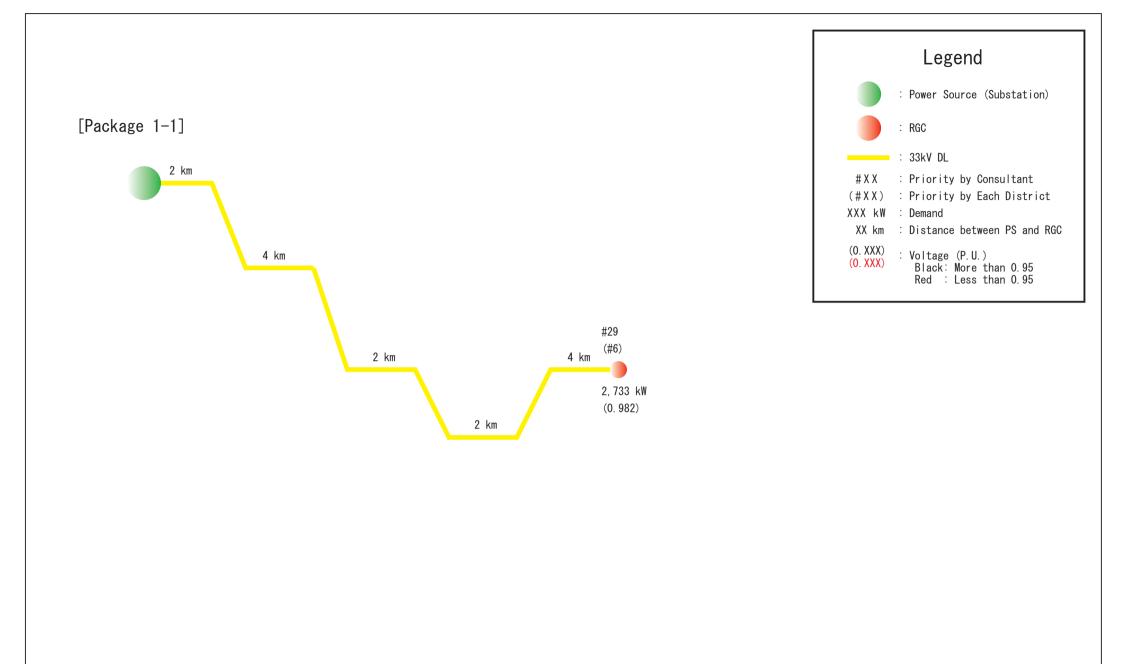
The Study for Development of the Rural Electrification Master Plan in Zambia

ZESCO

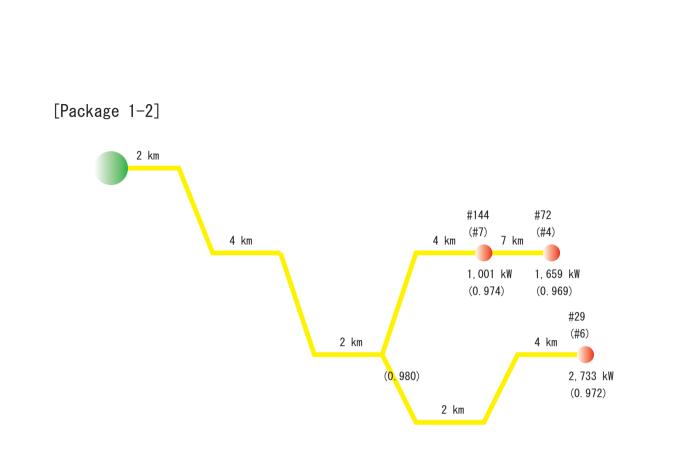
Drawing No.

Title

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

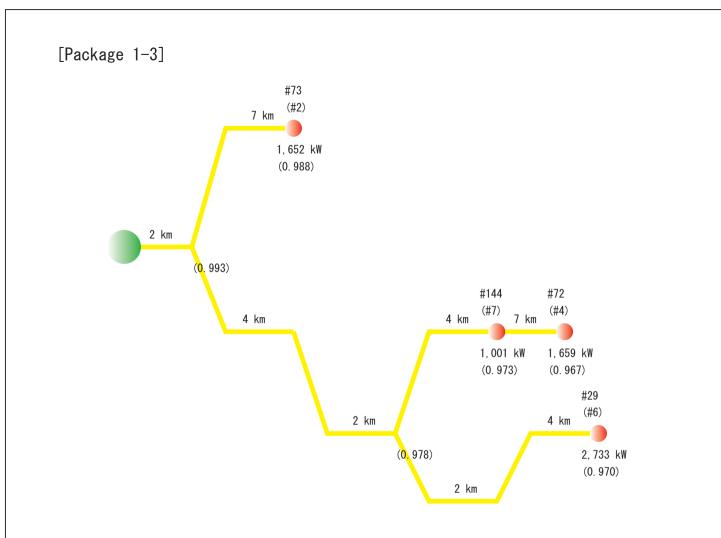


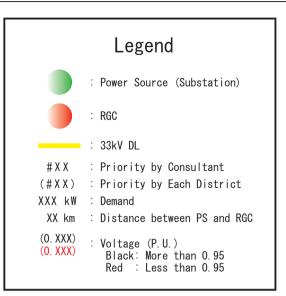
	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Kansunswa SS Feeder 1 (Package 1-1)



Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		

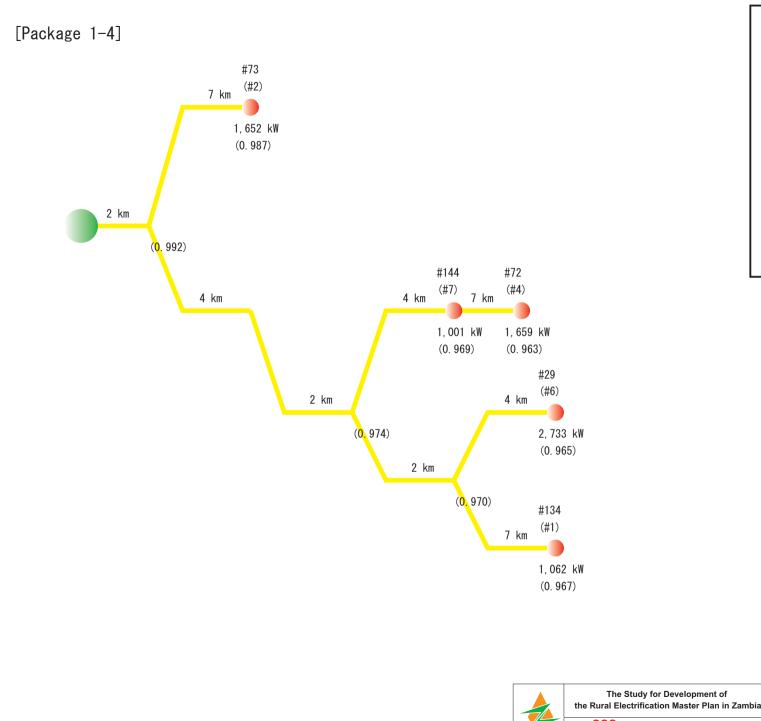








DL System at Kansunswa SS Feeder 1 (Package 1-3)

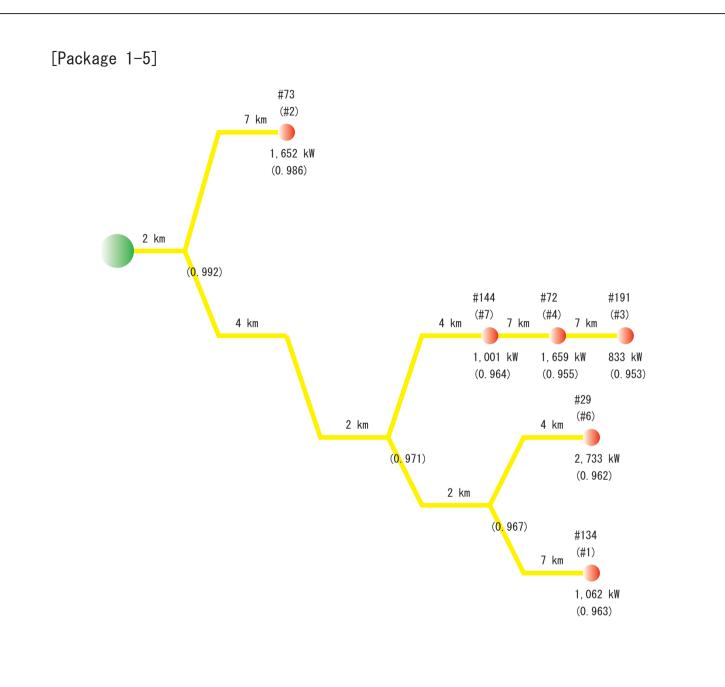


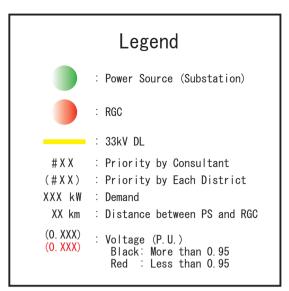
Legend		
	Power Source (Substation)	
	RGC	
	33kV DL	
# X X	Priority by Consultant	
(#XX)	Priority by Each District	
XXX kW	Demand	
XX km	Distance between PS and RGC	
(0. XXX) (0. XXX)	Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

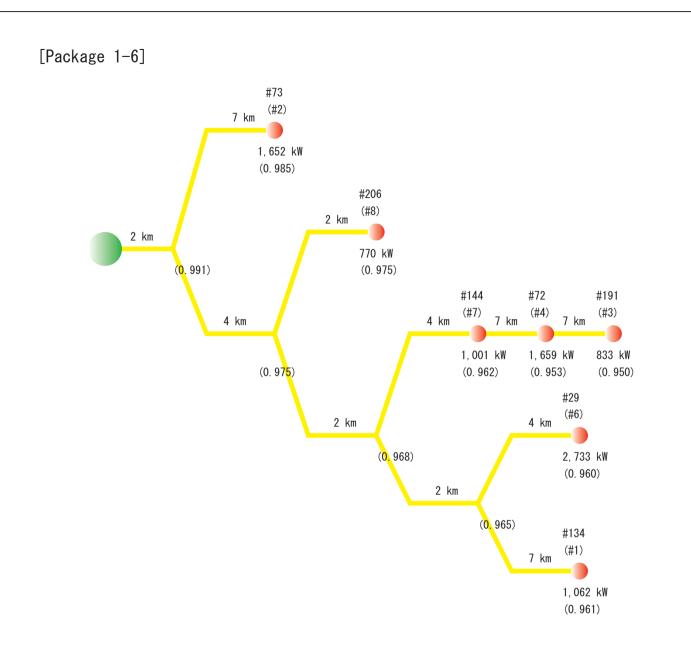




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

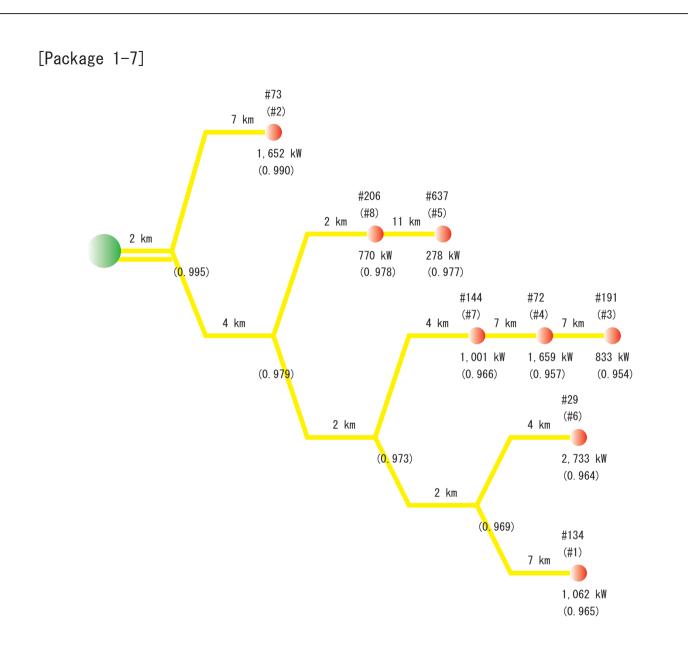
 Title
 Title

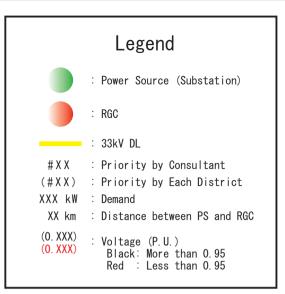
 DL System at Kansunswa SS Feeder 1 (Package 1-5)



Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		

	The Study for Development of	Drawing No.
the Rural Electrification Master Plan in Zambia		Title
ZESCO	Tokyo Electric Power Company	DL System at Kansunswa SS Feeder 1 (Package 1-6)

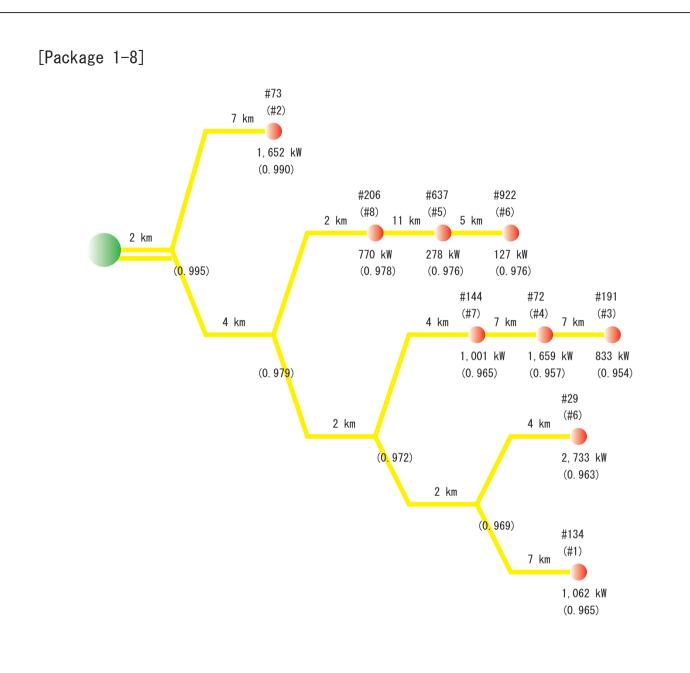


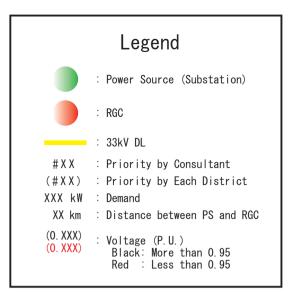


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

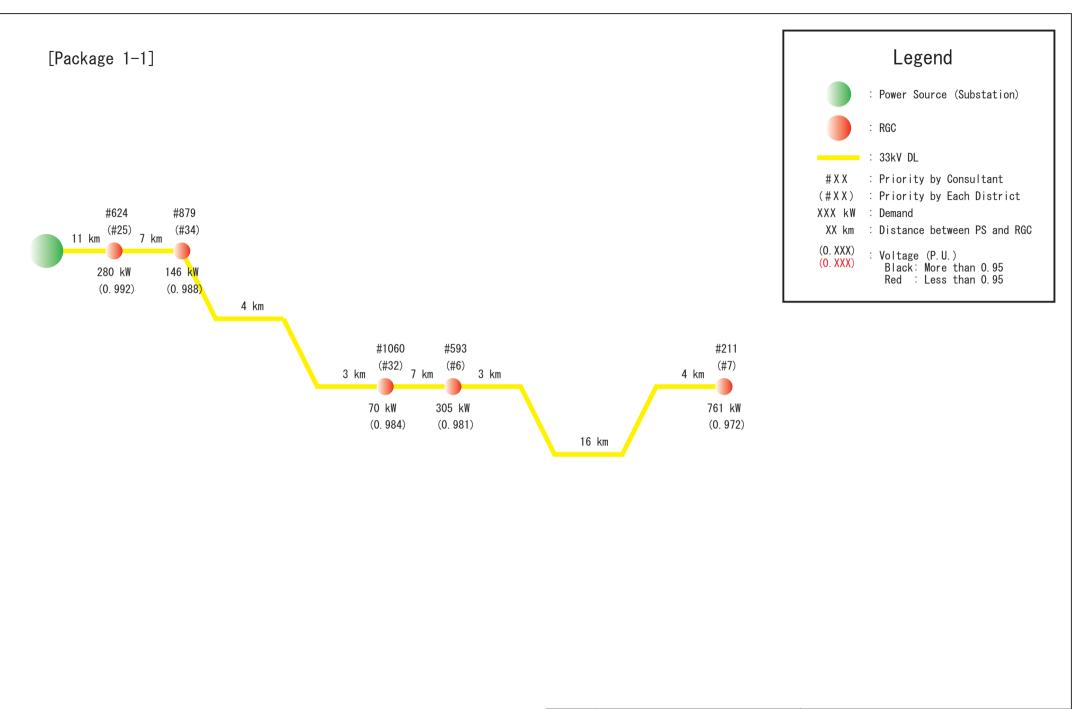




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

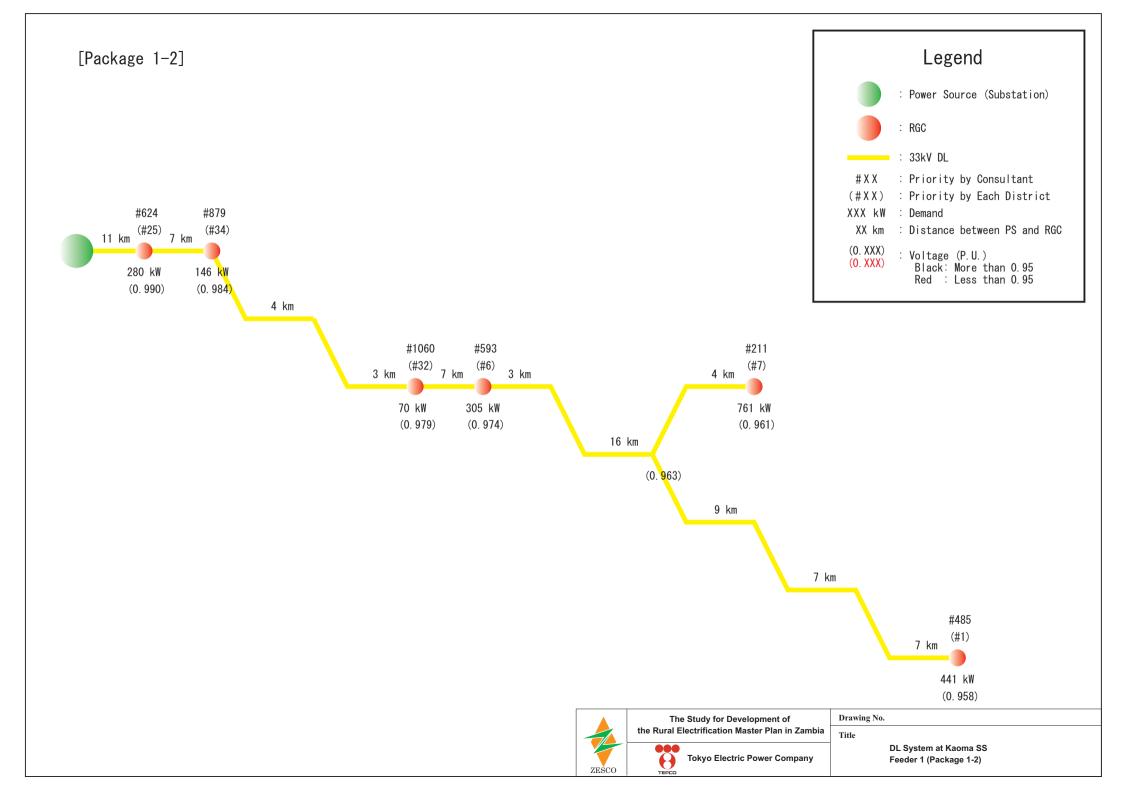
 Usersco
 DL System at Kansunswa SS Feeder 1 (Package 1-8)

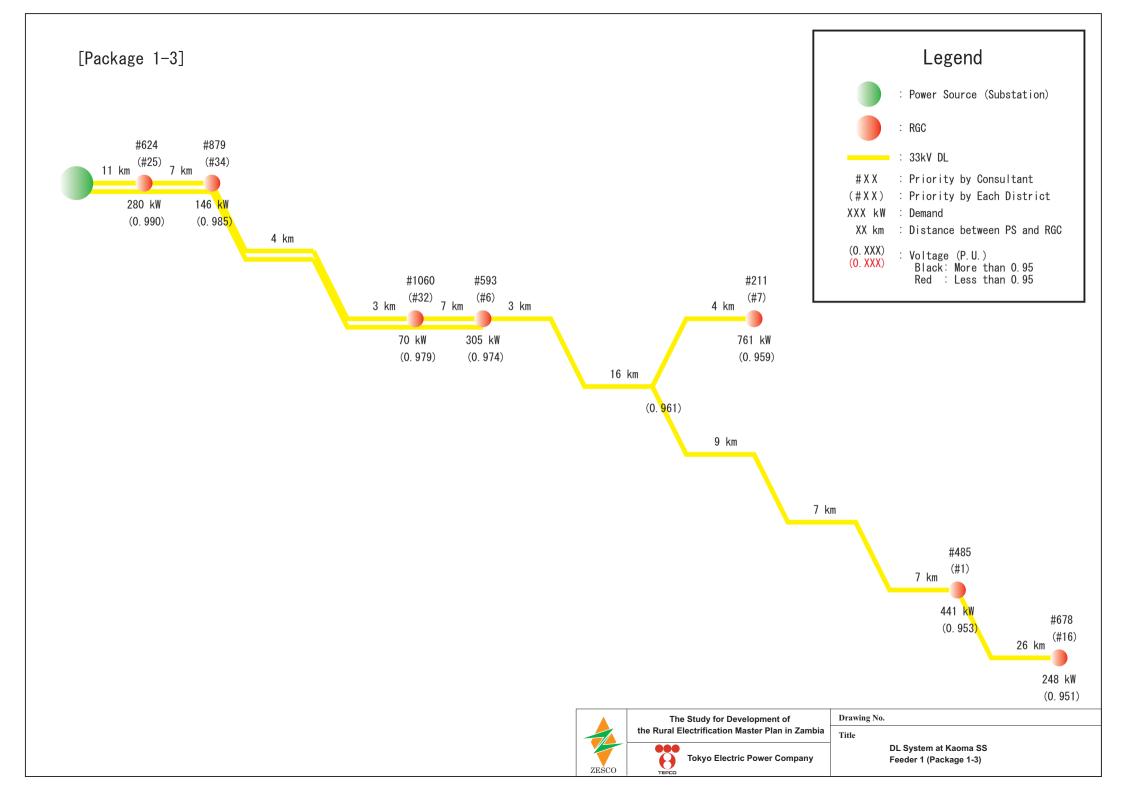


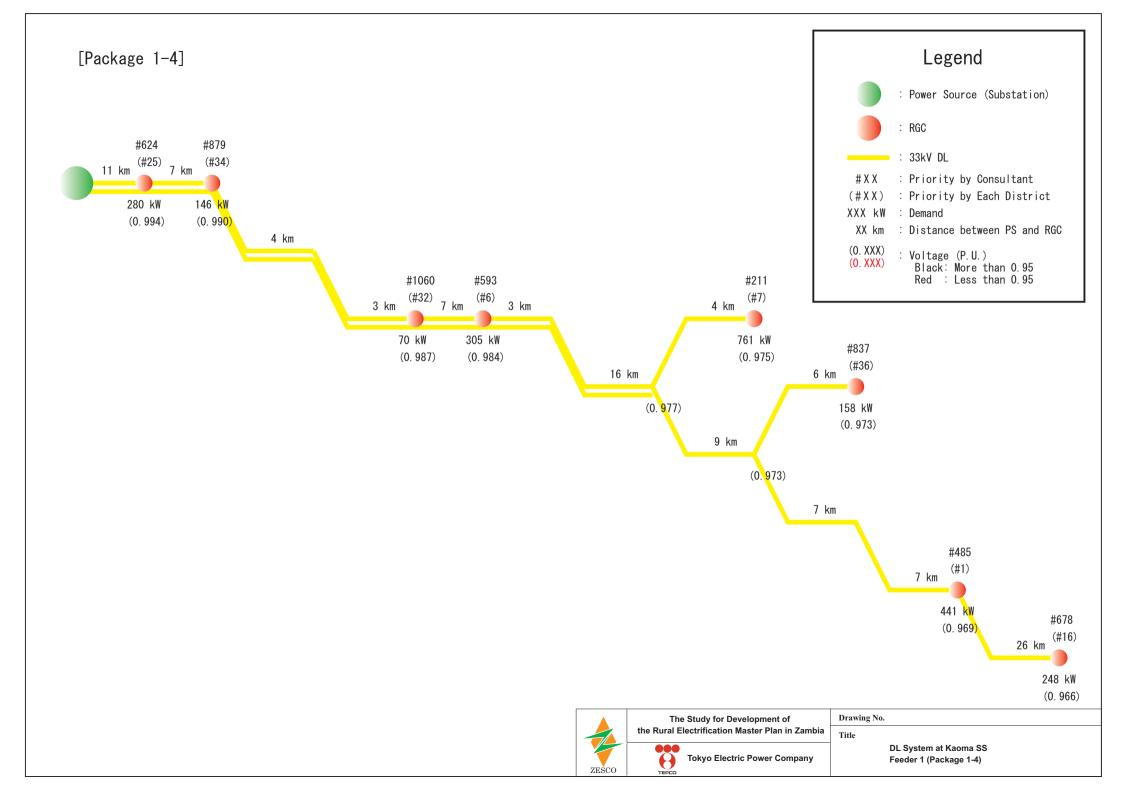
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

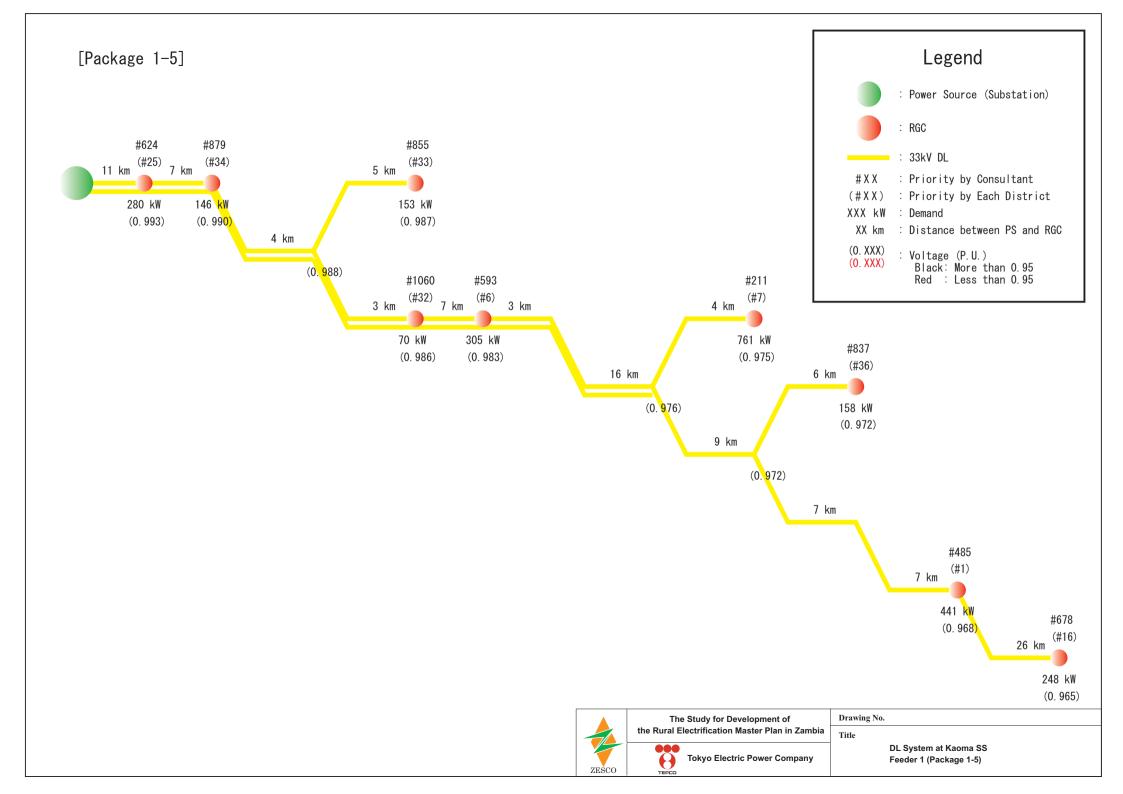
 Title
 Title

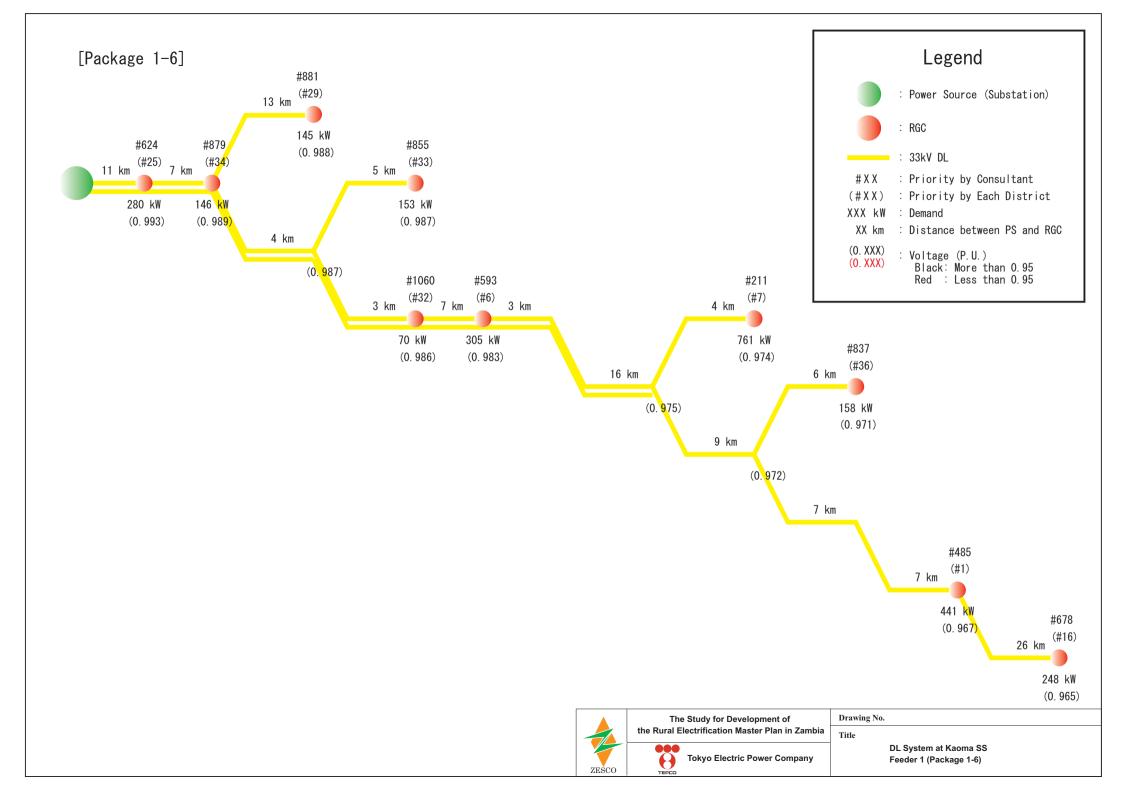
 DL System at Kaoma SS Feeder 1 (Package 1-1)

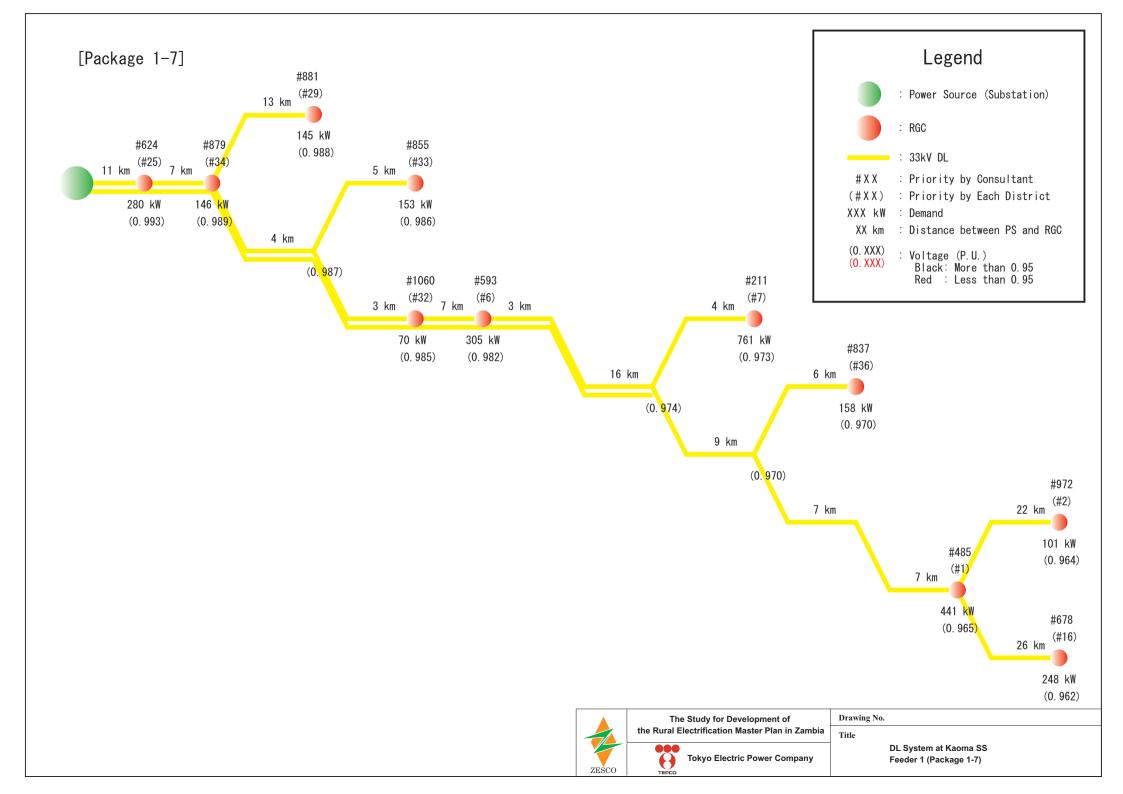


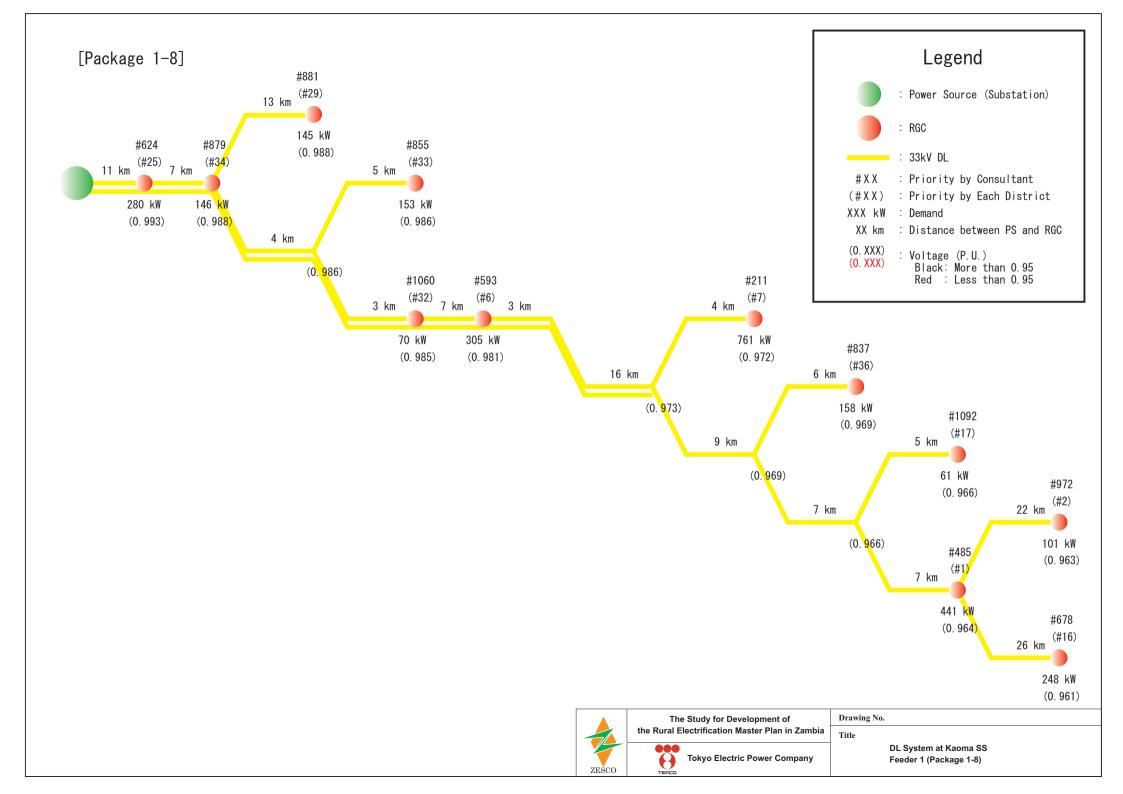


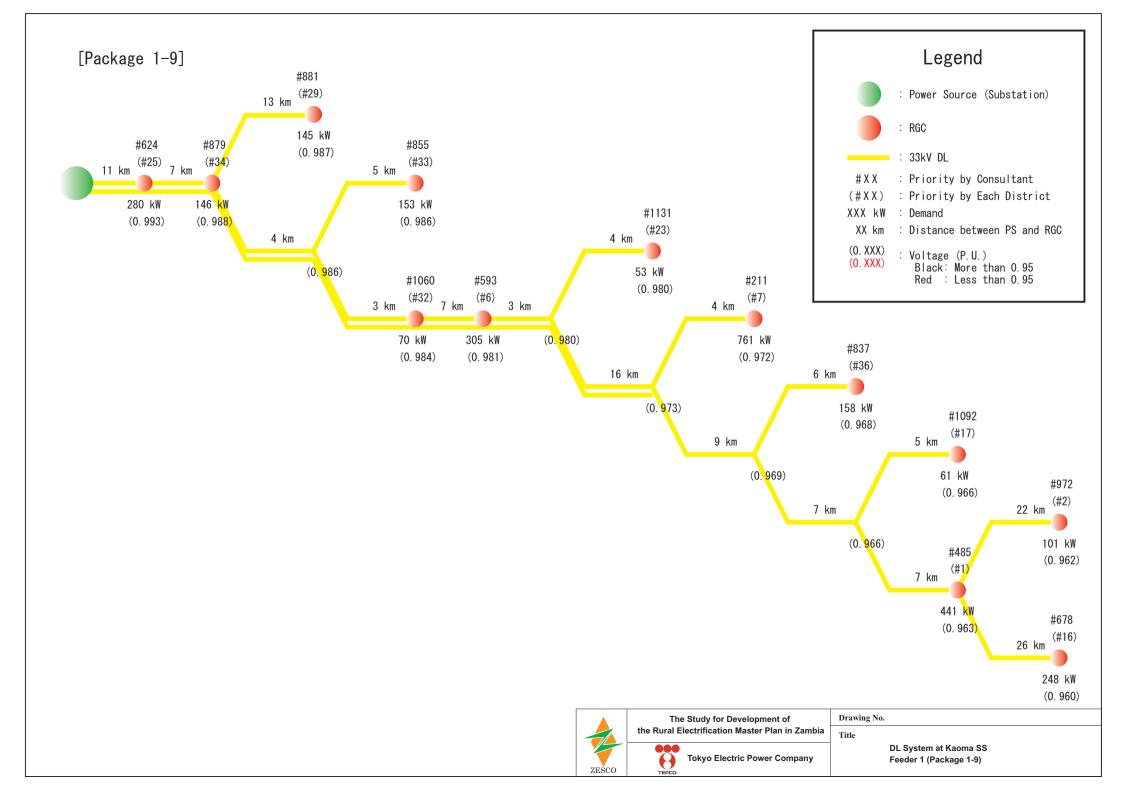


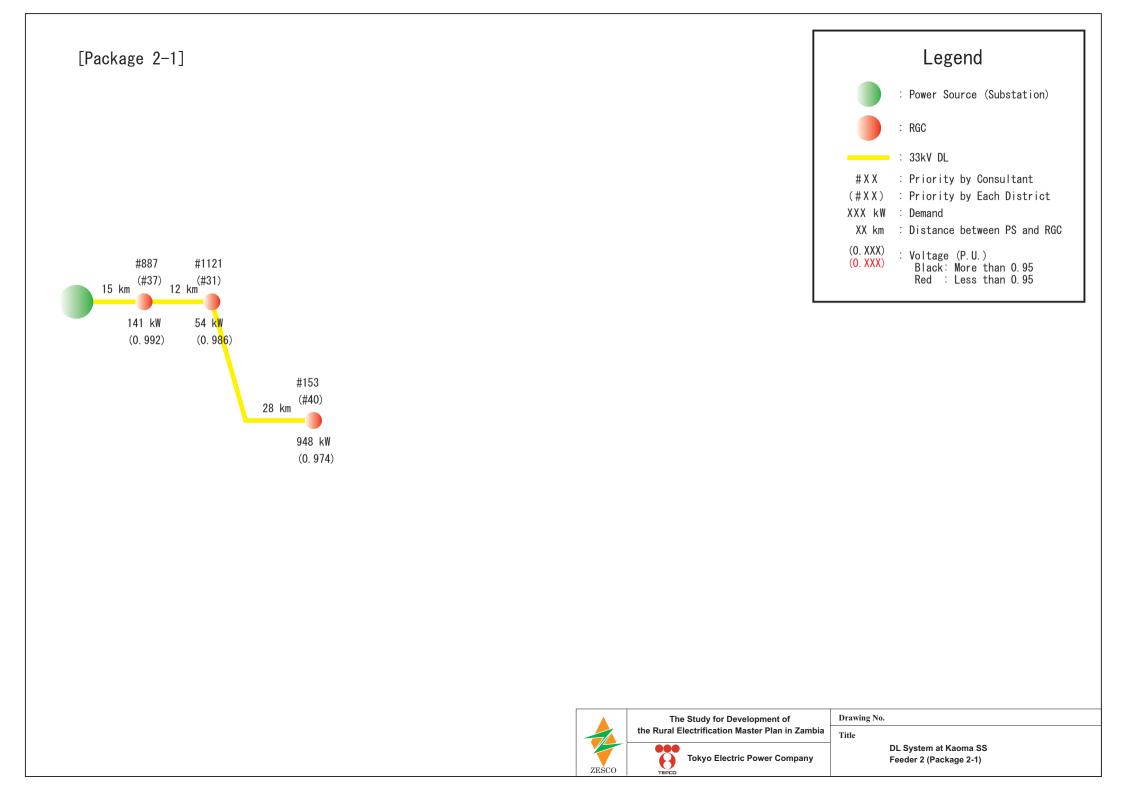


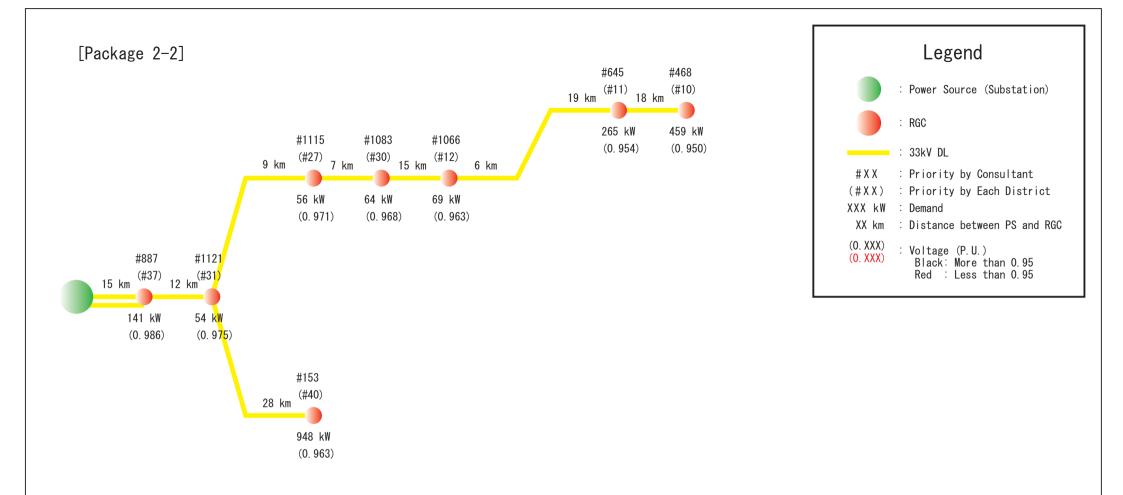




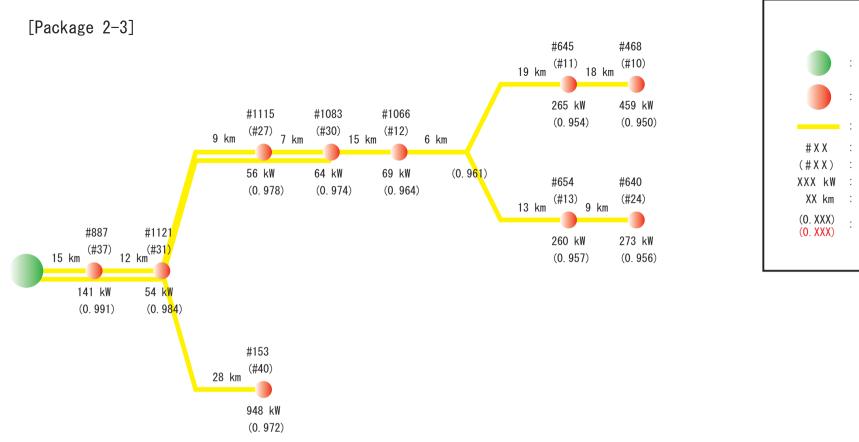


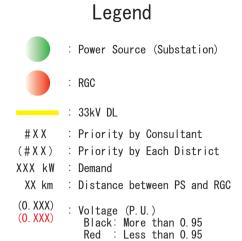






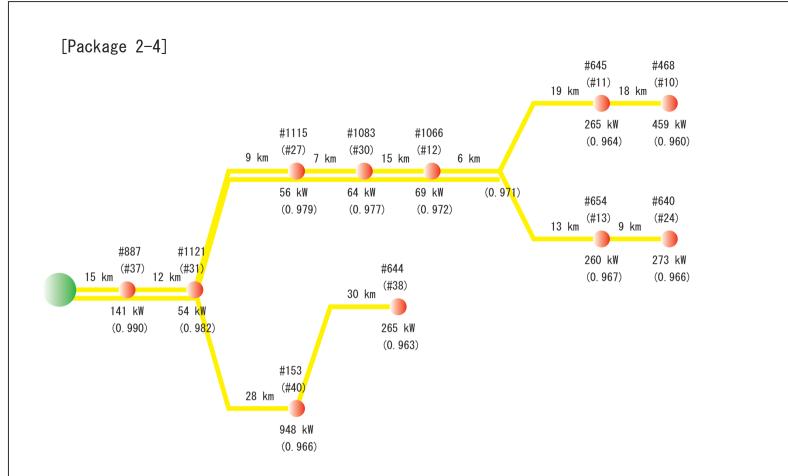
The Study for Development of	Drawing No.
the Rural Electrification Master Plan in Zambia	Title
Tokyo Electric Power Company	DL System at Kaoma SS Feeder 2 (Package 2-2)

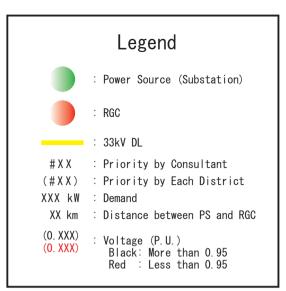


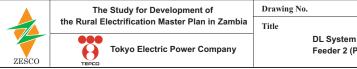




DL System at Kaoma SS Feeder 2 (Package 2-3)

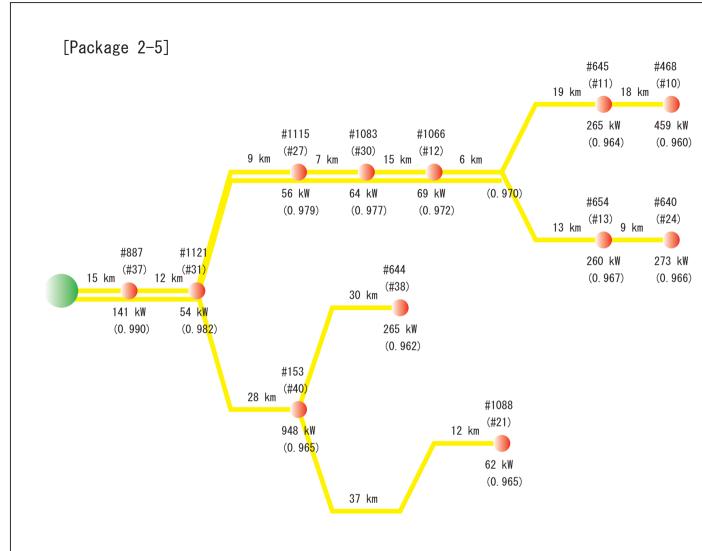


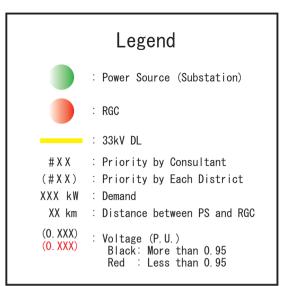




DL System at Kaoma SS

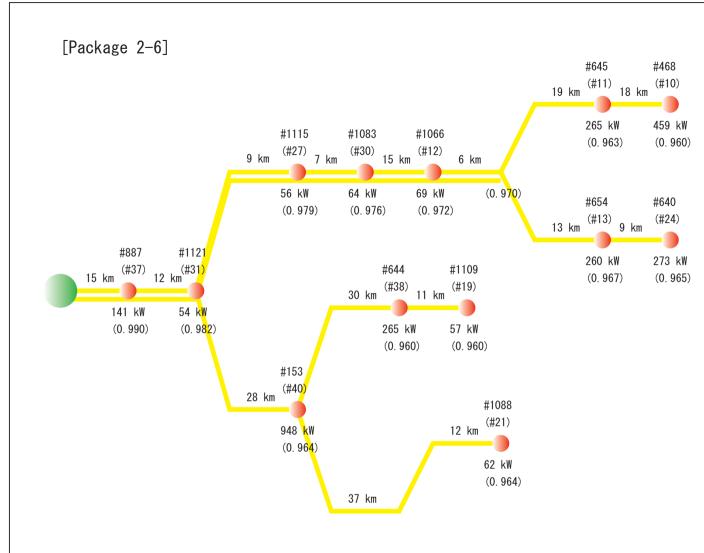
Feeder 2 (Package 2-4)





The Study for Development of Drawing No. the Rural Electrification Master Plan in Zambia Title Tokyo Electric Power Company ZESCO

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



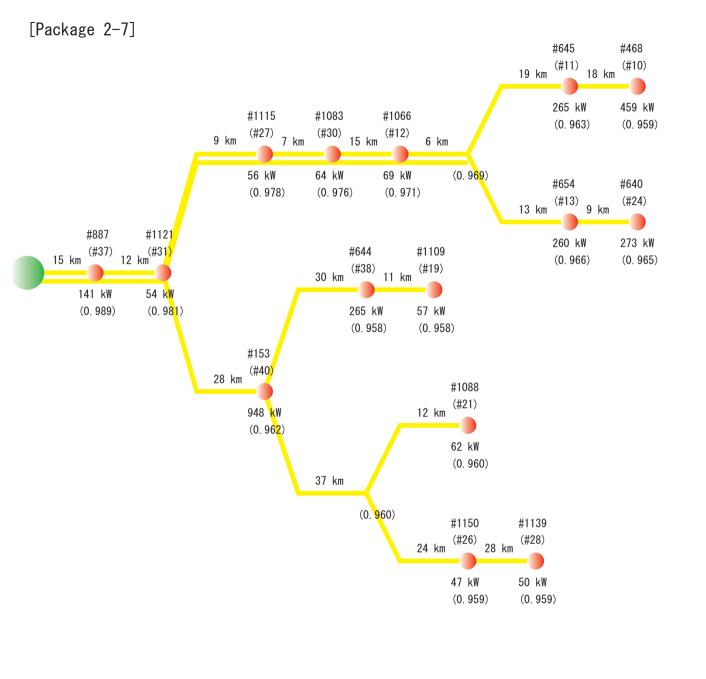
Legend			
	: Power Source (Substation)		
	: RGC		
	: 33kV DL		
# X X	: Priority by Consultant		
(#XX)	: Priority by Each District		
XXX kW	: Demand		
XX km	: Distance between PS and RGC		
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95		

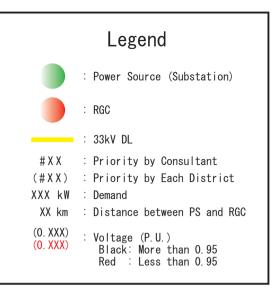
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

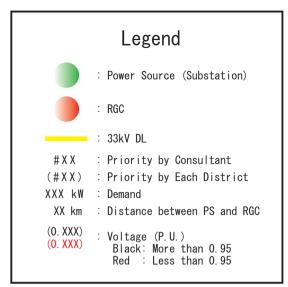
 DL System Feeder 2 (Integration)
 Totage Plan

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

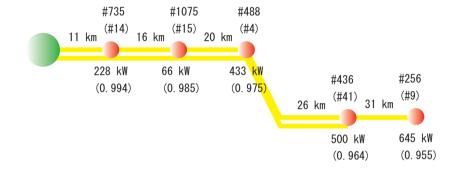




	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Kaoma SS Feeder 2 (Package 2-7)



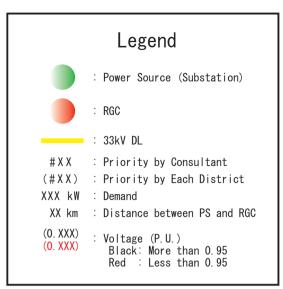
[Package 3-1]



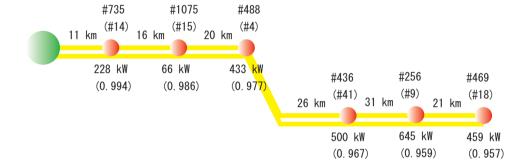


DL System at Kaoma SS

Feeder 3 (Package 3-1)

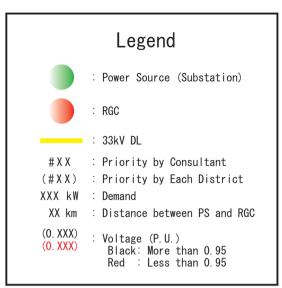


[Package 3-2]

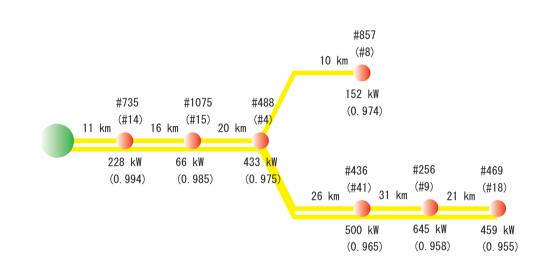




DL System at Kaoma SS Feeder 3 (Package 3-2)

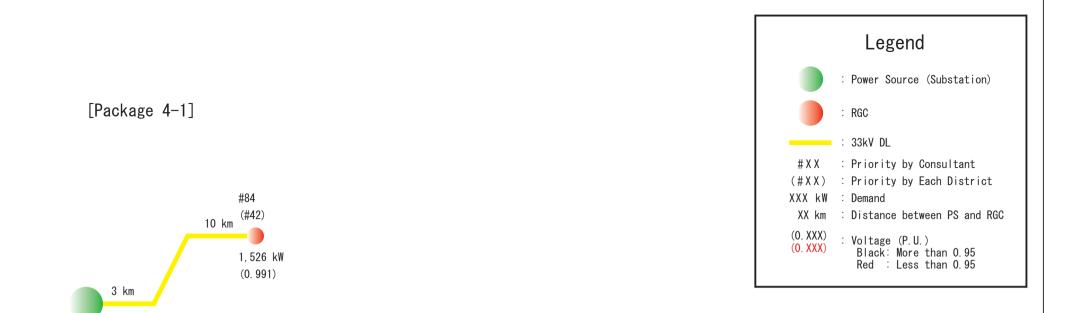


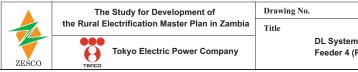
## [Package 3-3]



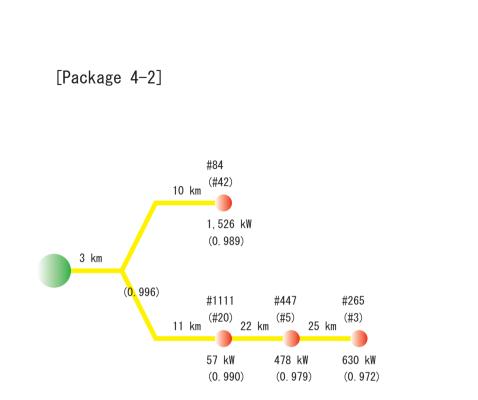


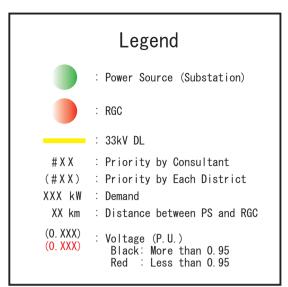
DL System at Kaoma SS Feeder 3 (Package 3-3)





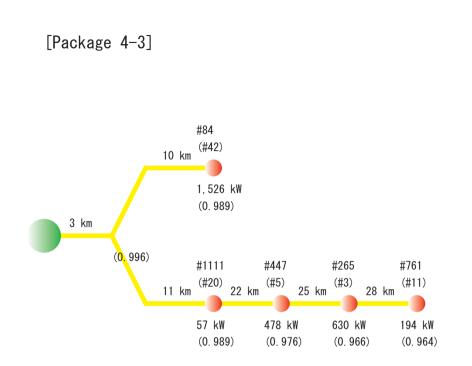
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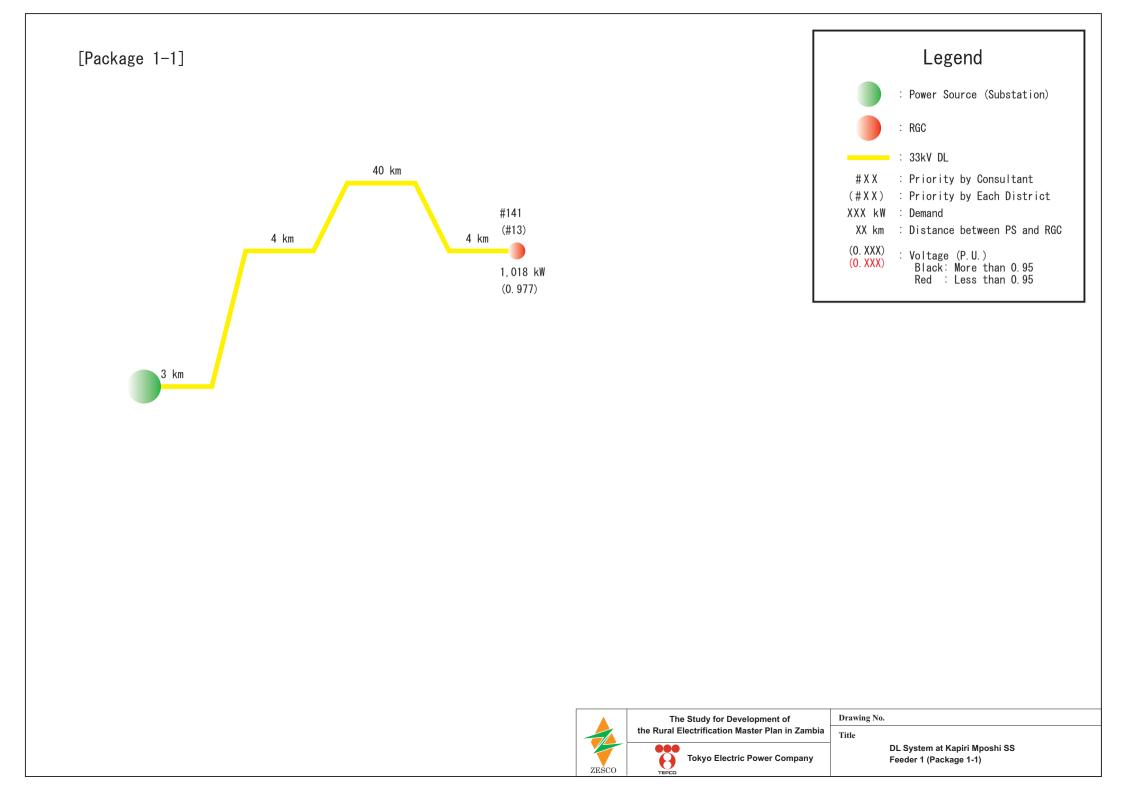
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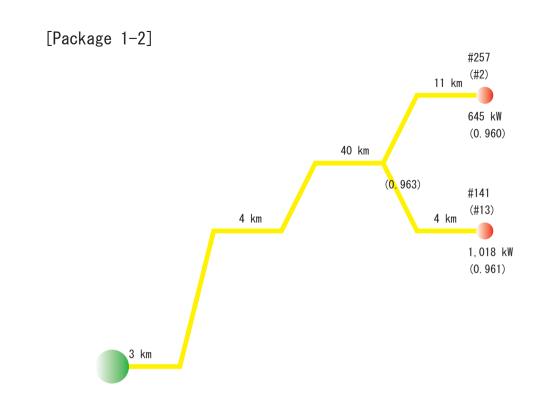


Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	



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

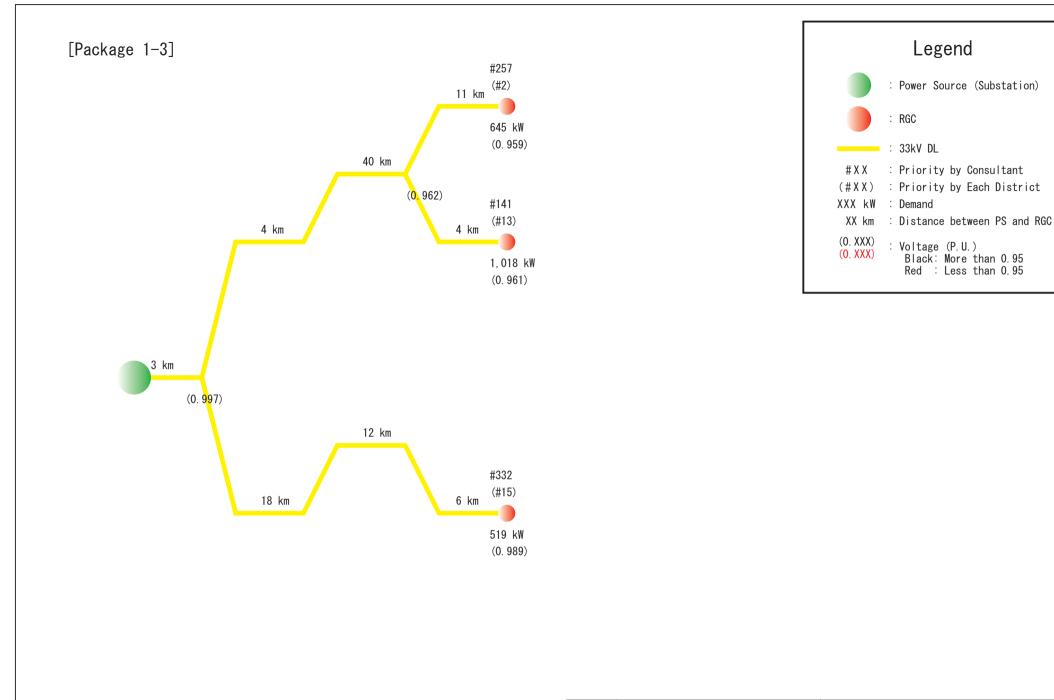




Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
(#XX)	: Priority by Consultant : Priority by Each District : Demand : Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

	The Study for Development of the Rural Electrification Master Plan in Zambia	Drawing No. Title
ZESCO	Tokyo Electric Power Company	DL System at Feeder 1 (Pao

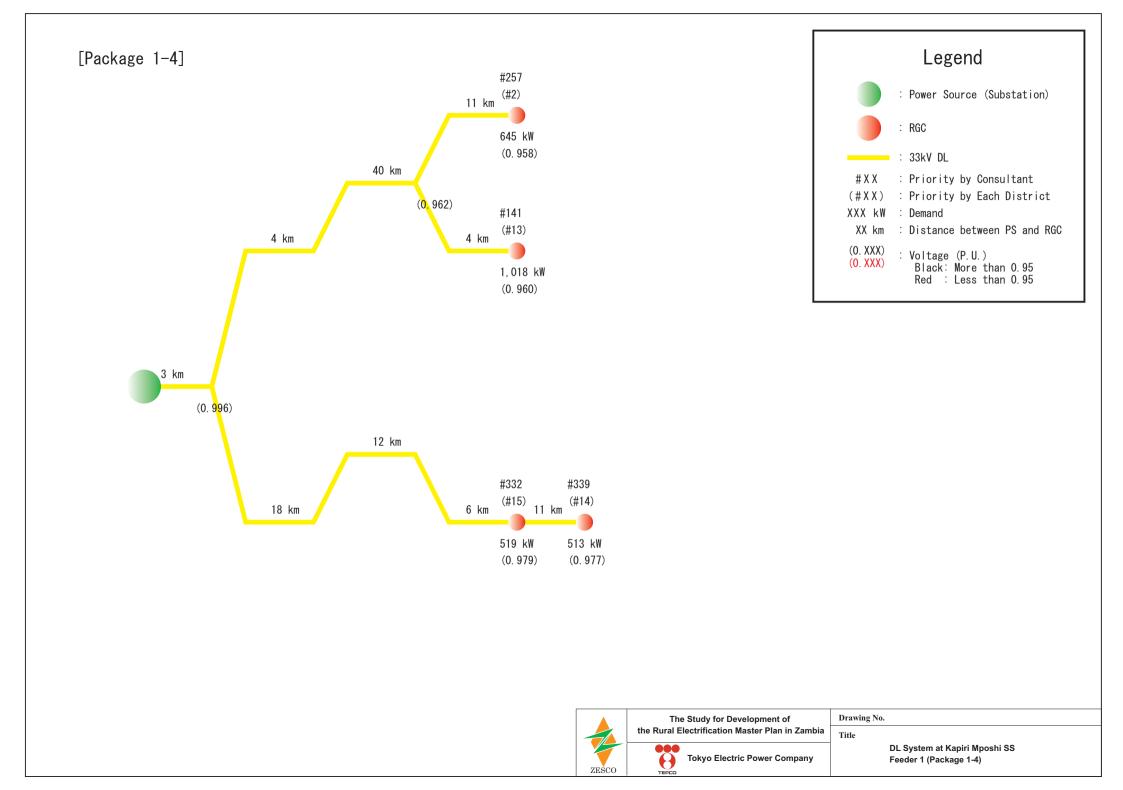
at Kapiri Mposhi SS ackage 1-2)

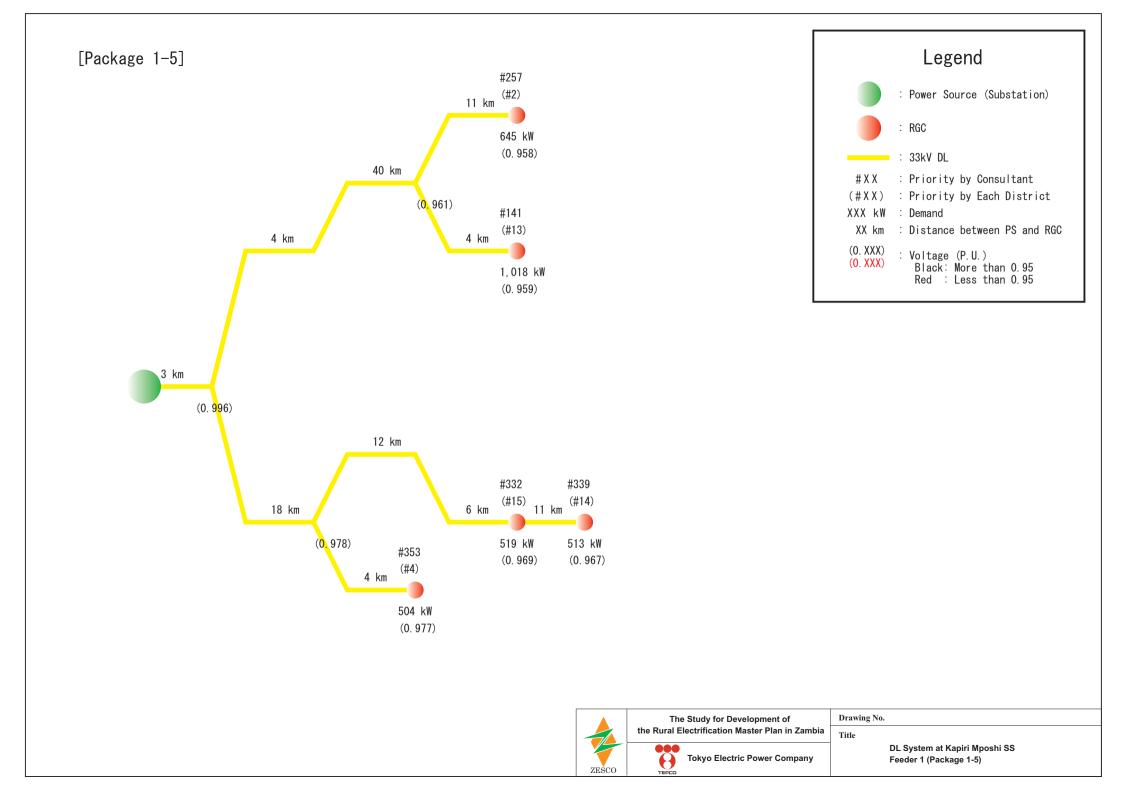


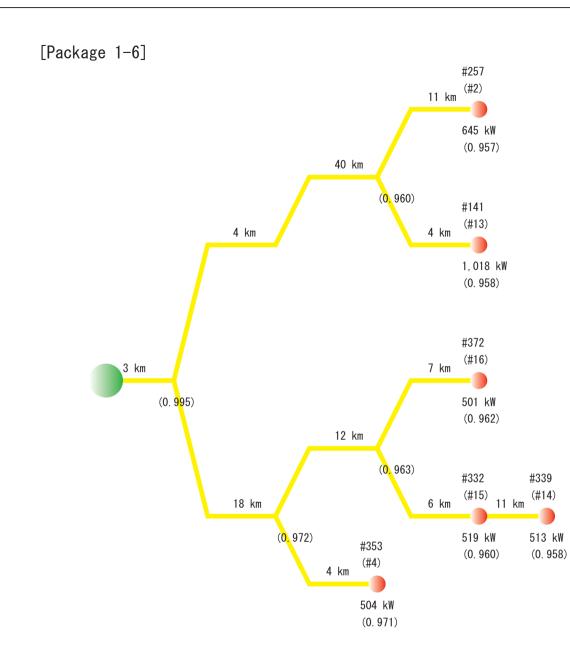
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

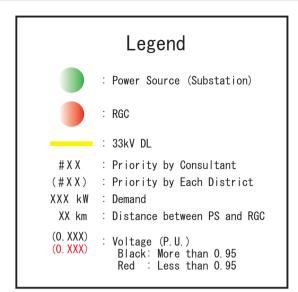
 Title
 Title

DL System at Kapiri Mposhi SS Feeder 1 (Package 1-3)



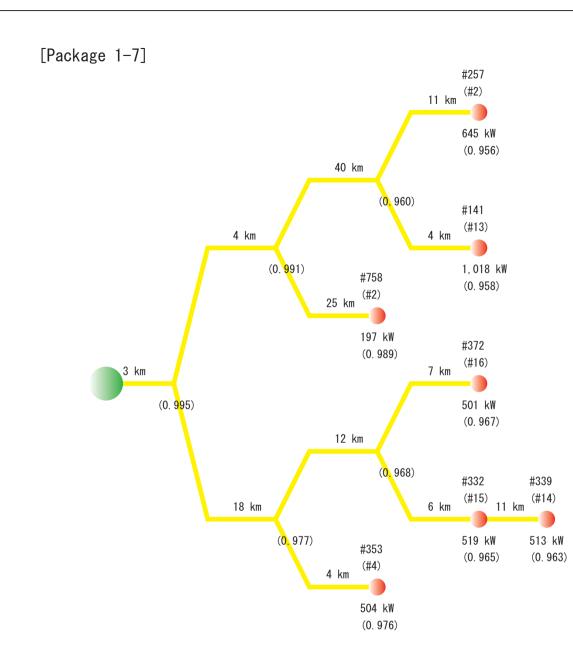


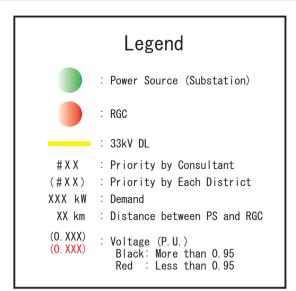




The Study for Development of Drawing No. the Rural Electrification Master Plan in Zambia Title Tokyo Electric Power Company ZESCO

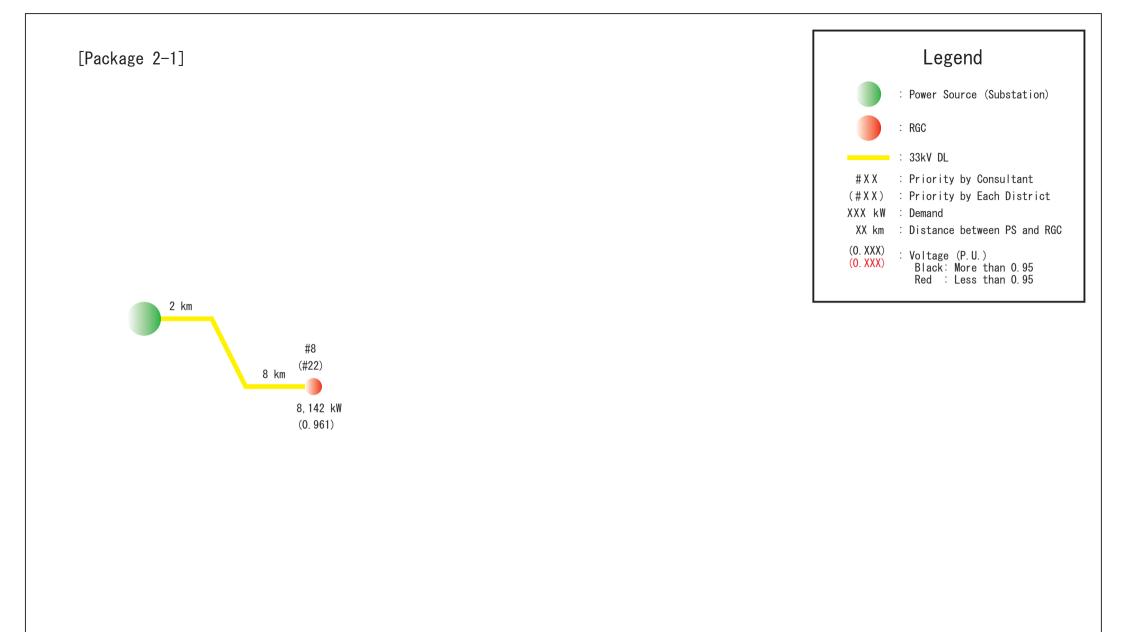
DL System at Kapiri Mposhi SS Feeder 1 (Package 1-6)



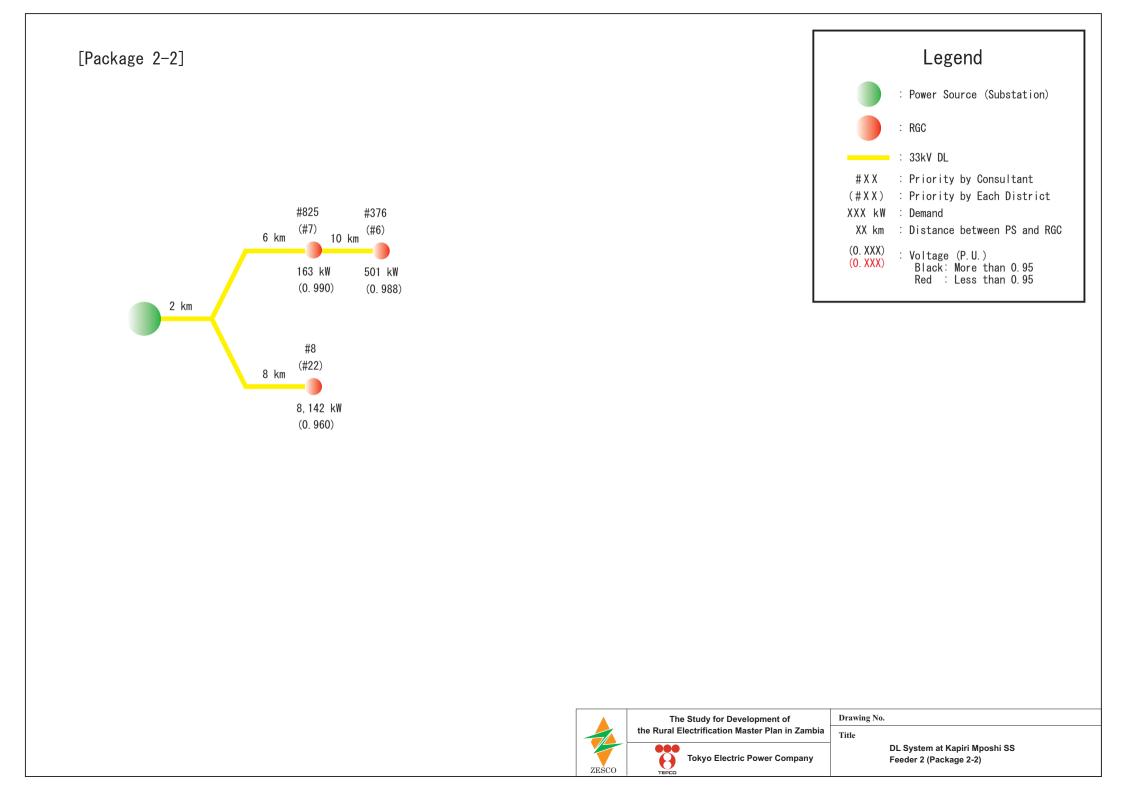


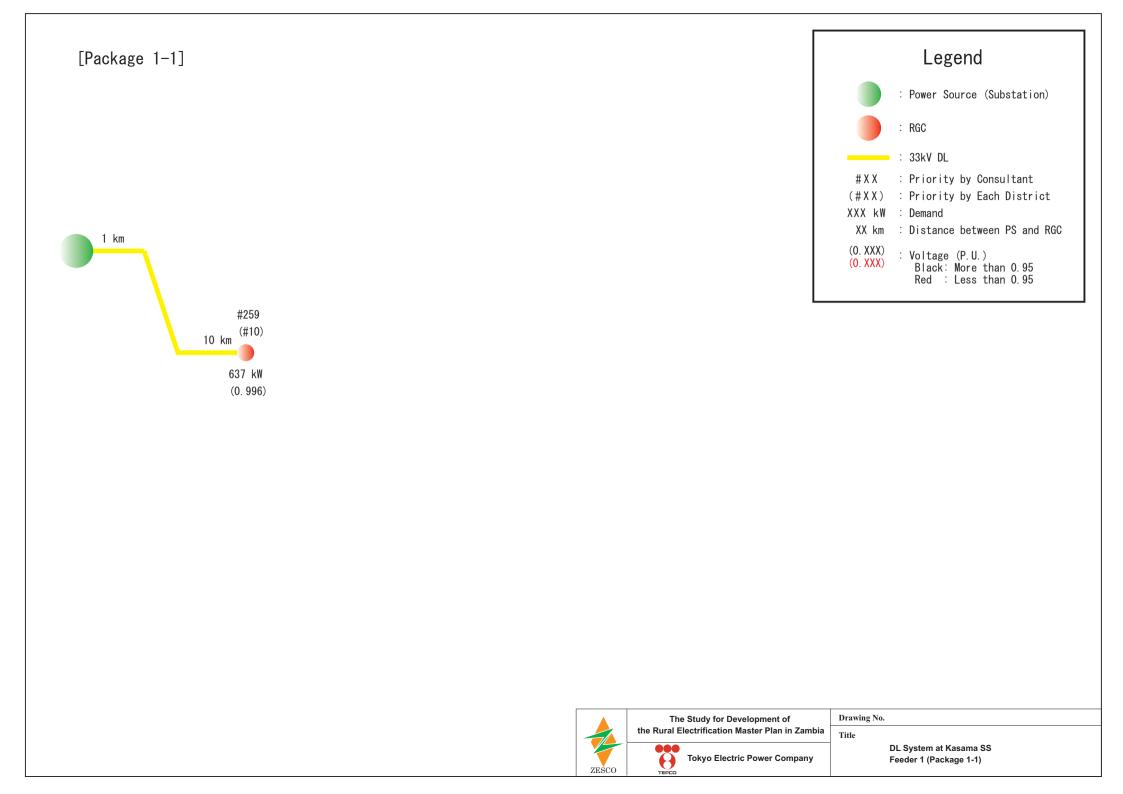
The Study for Development of Drawing No. the Rural Electrification Master Plan in Zambia Title Tokyo Electric Power Company ZESCO

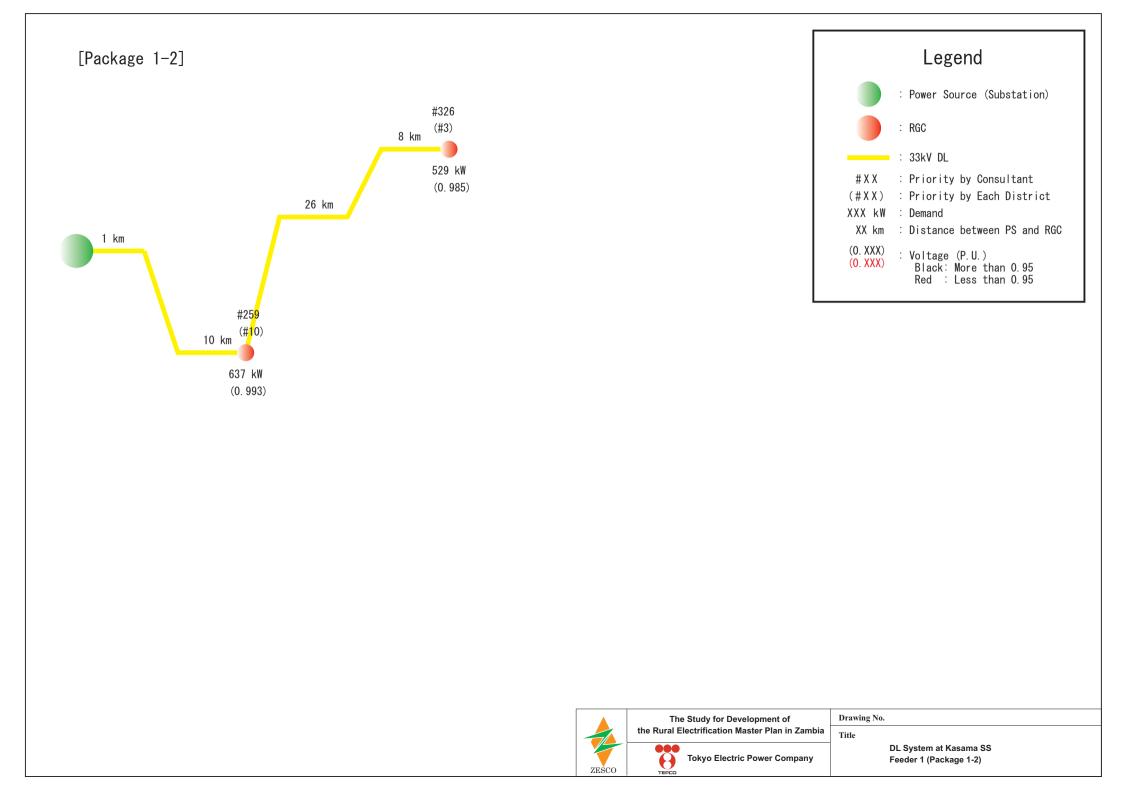
DL System at Kapiri Mposhi SS Feeder 1 (Package 1-7)

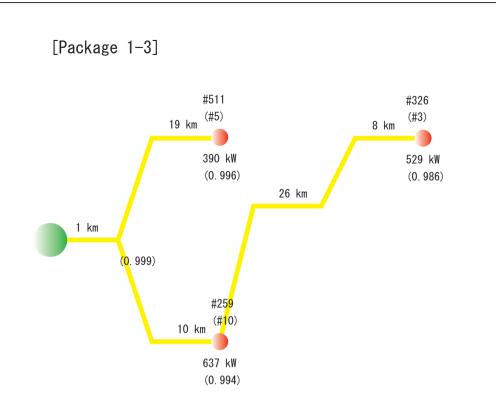


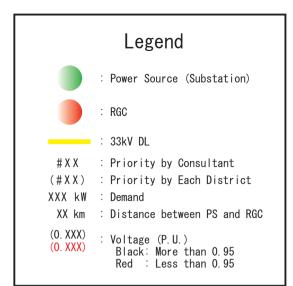


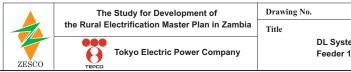




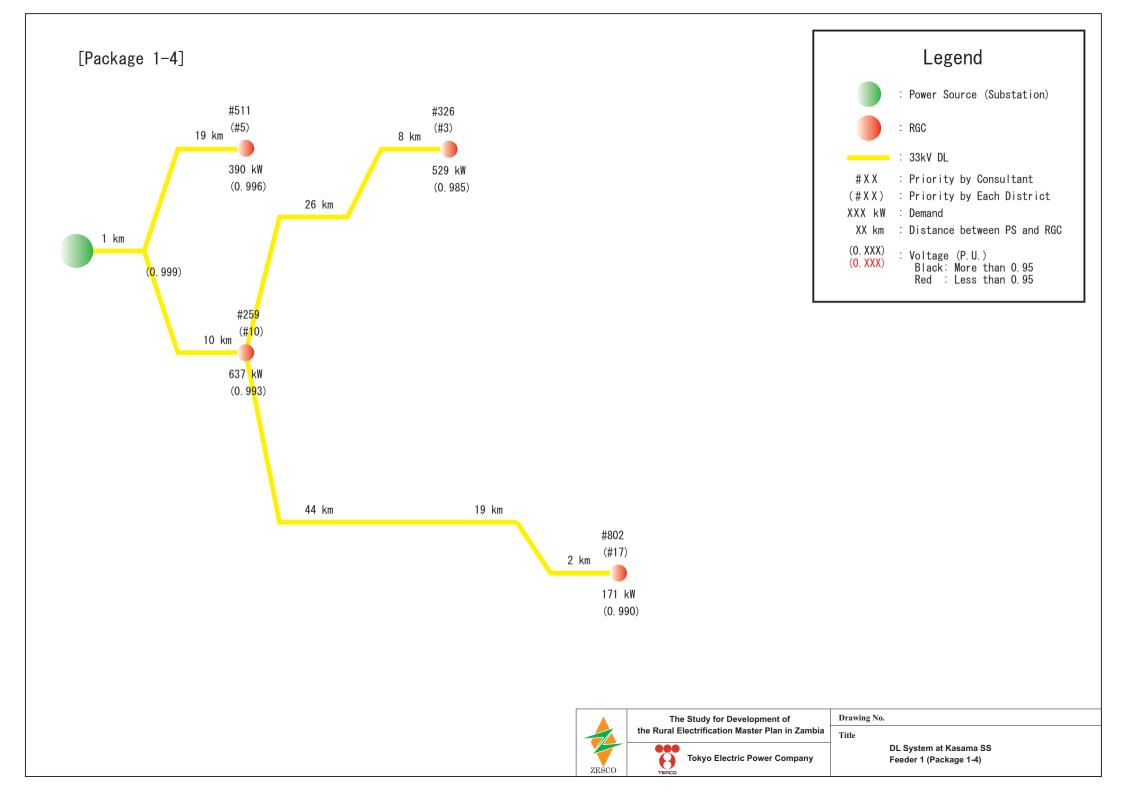


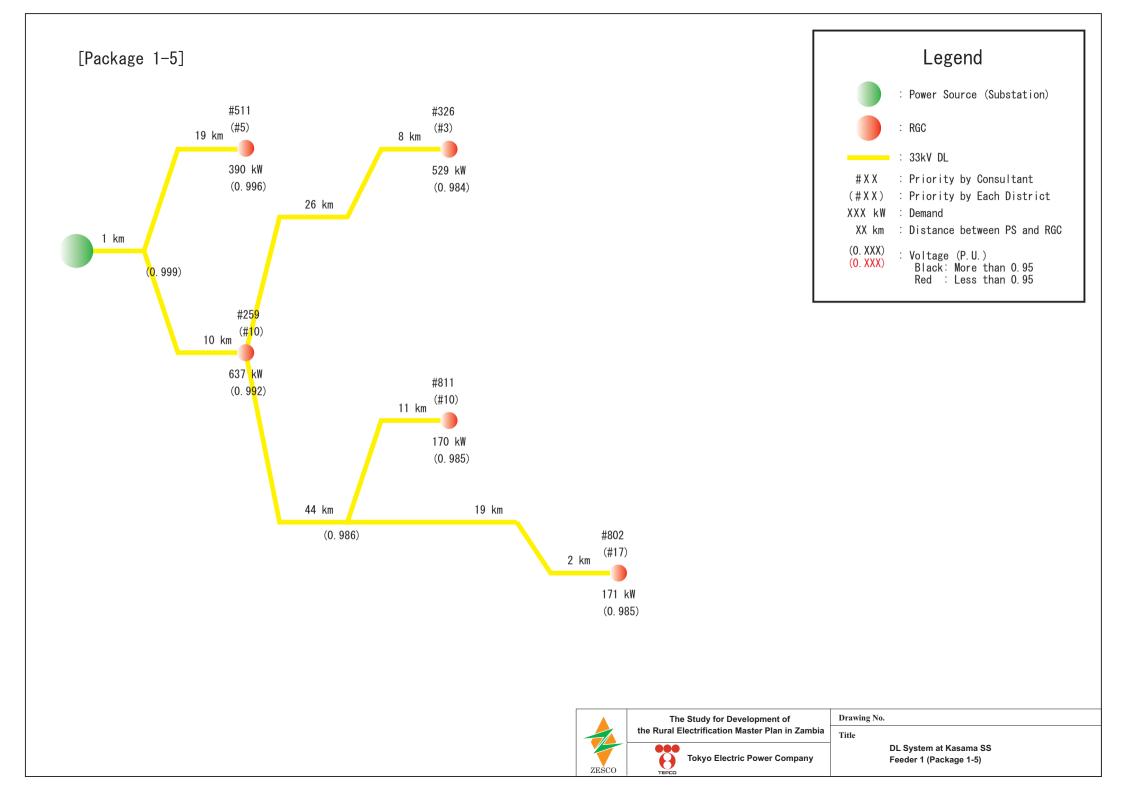


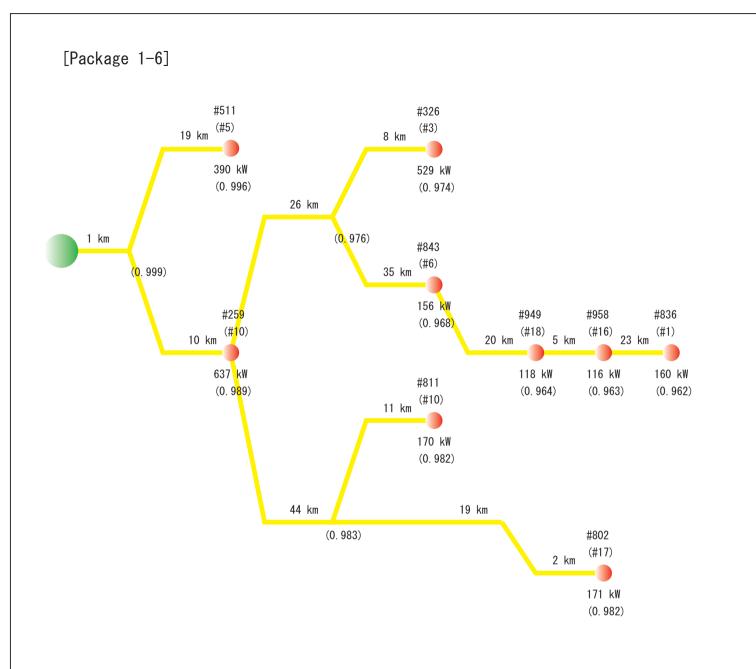


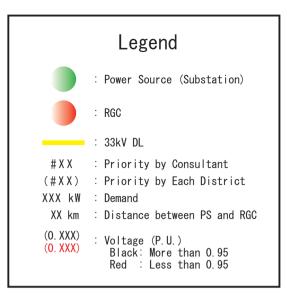


DL System at Kasama SS Feeder 1 (Package 1-3)





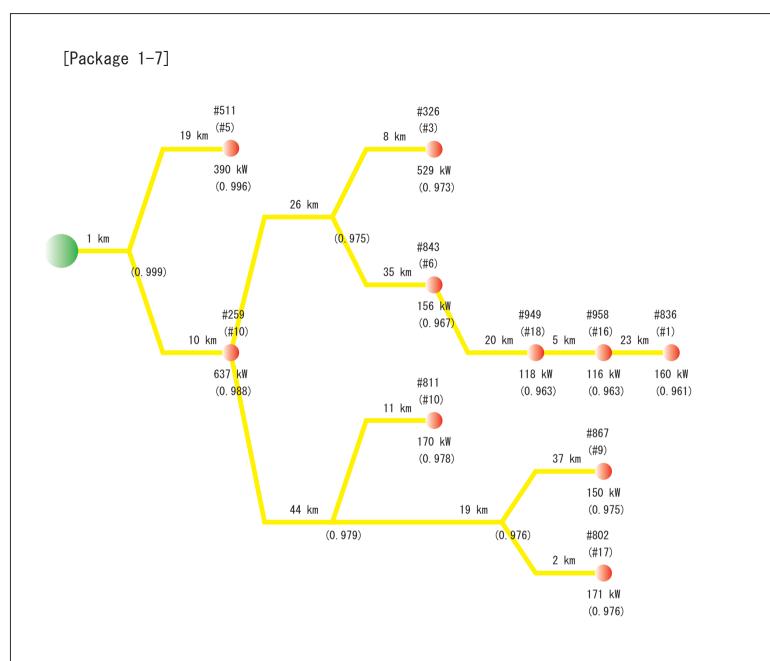


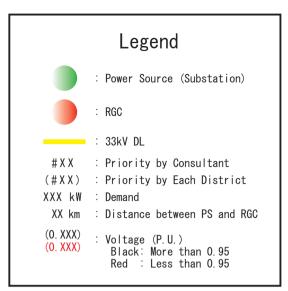


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

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

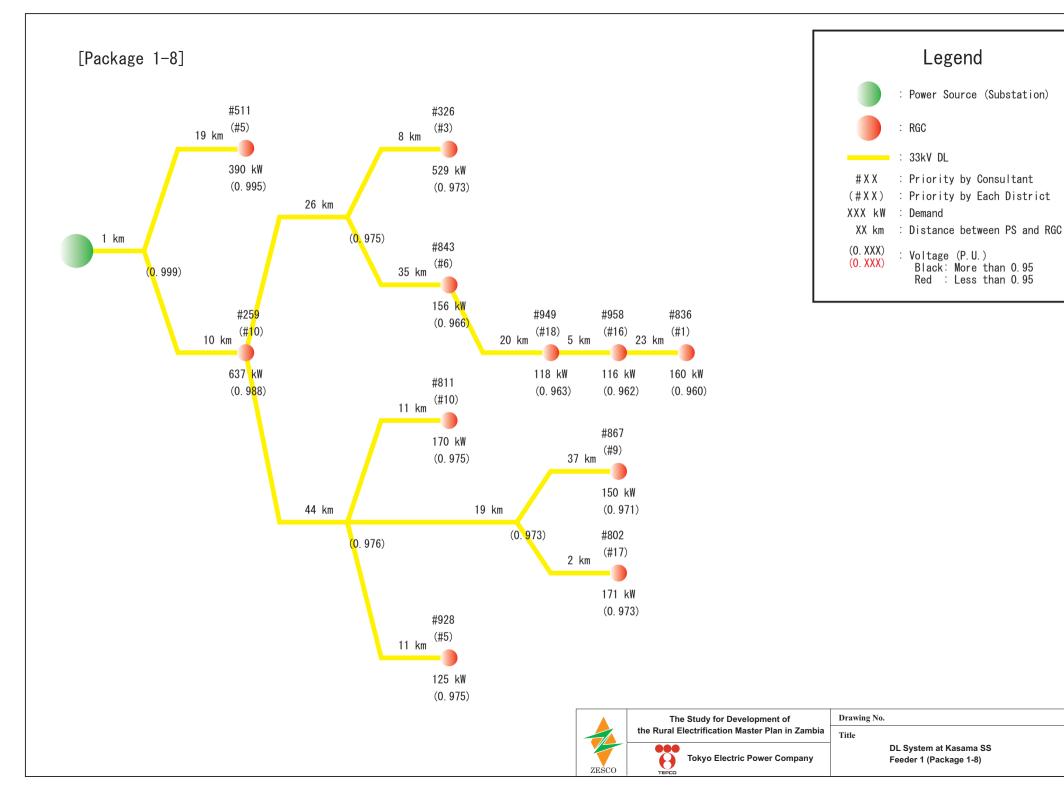


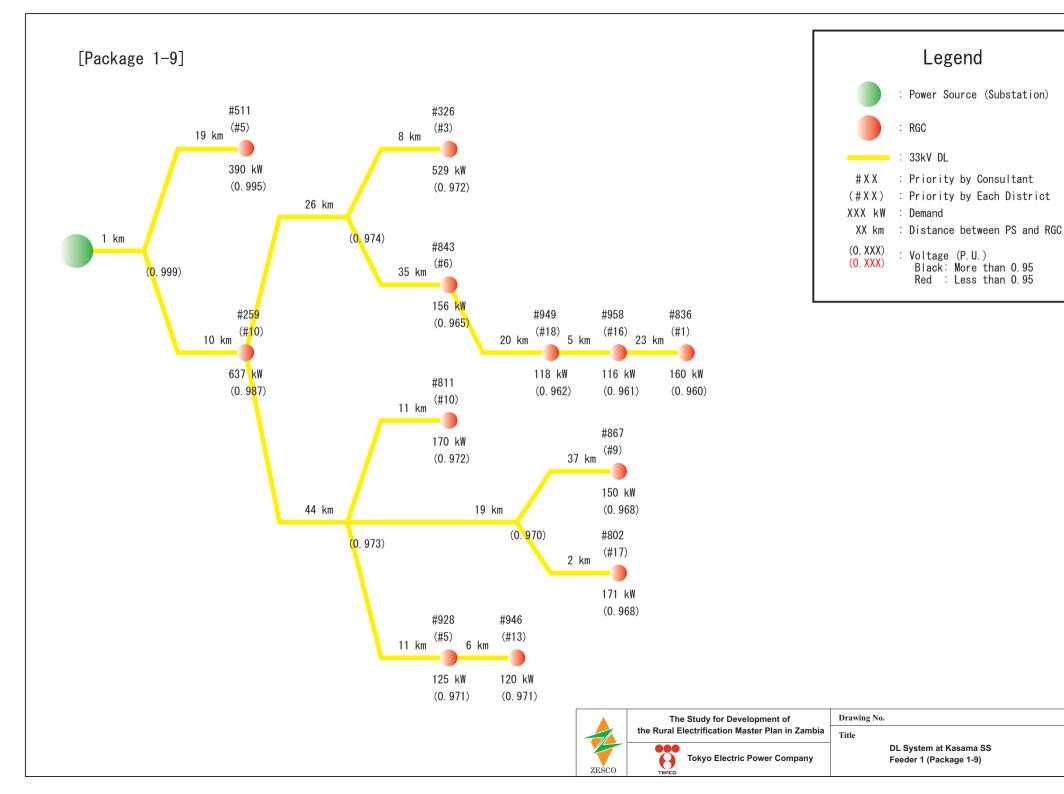


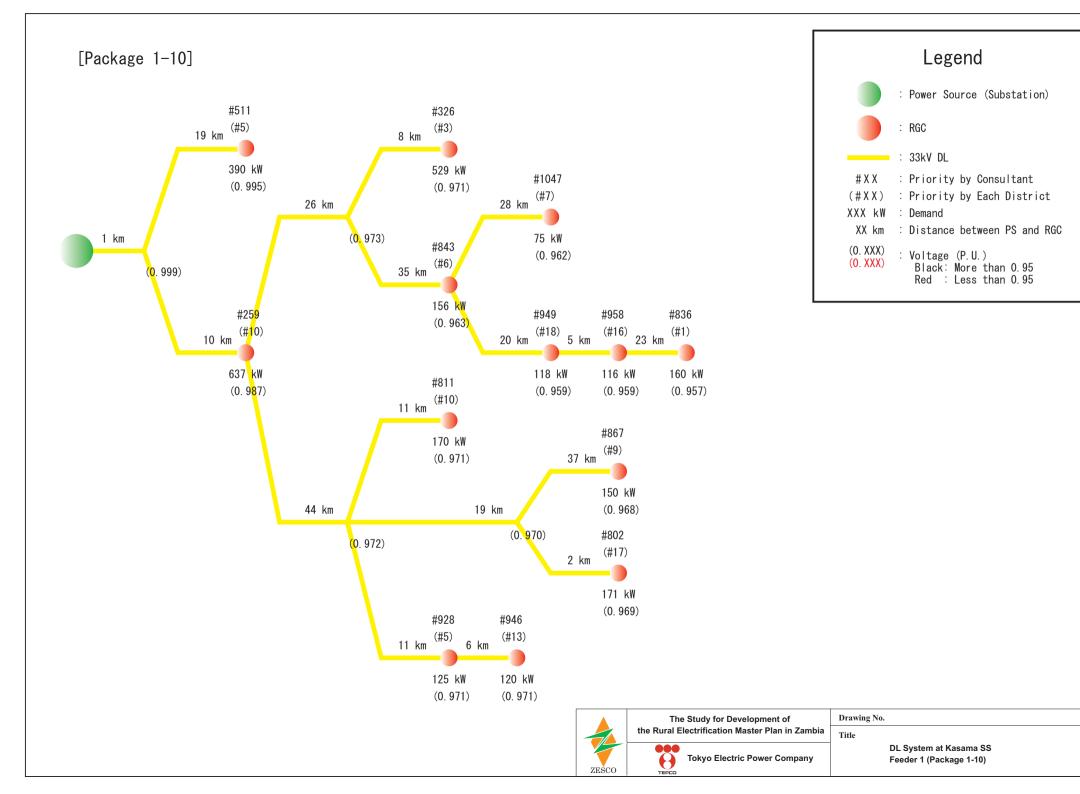
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

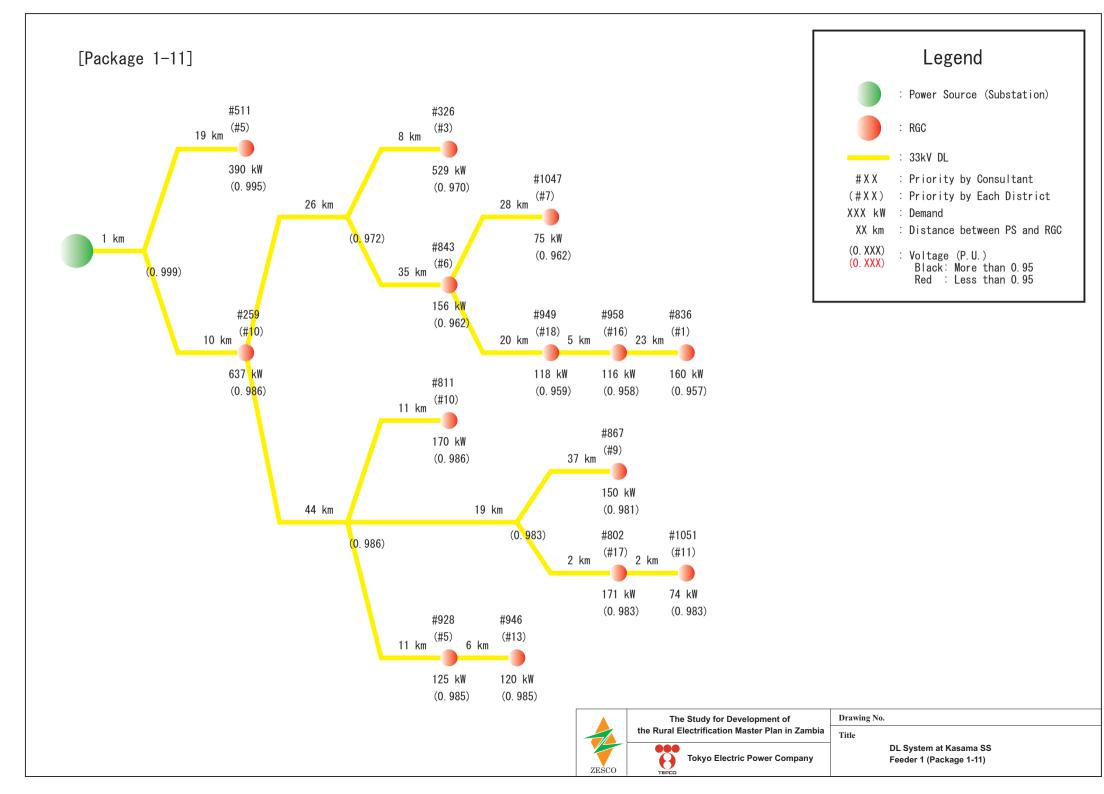
 Title
 Title

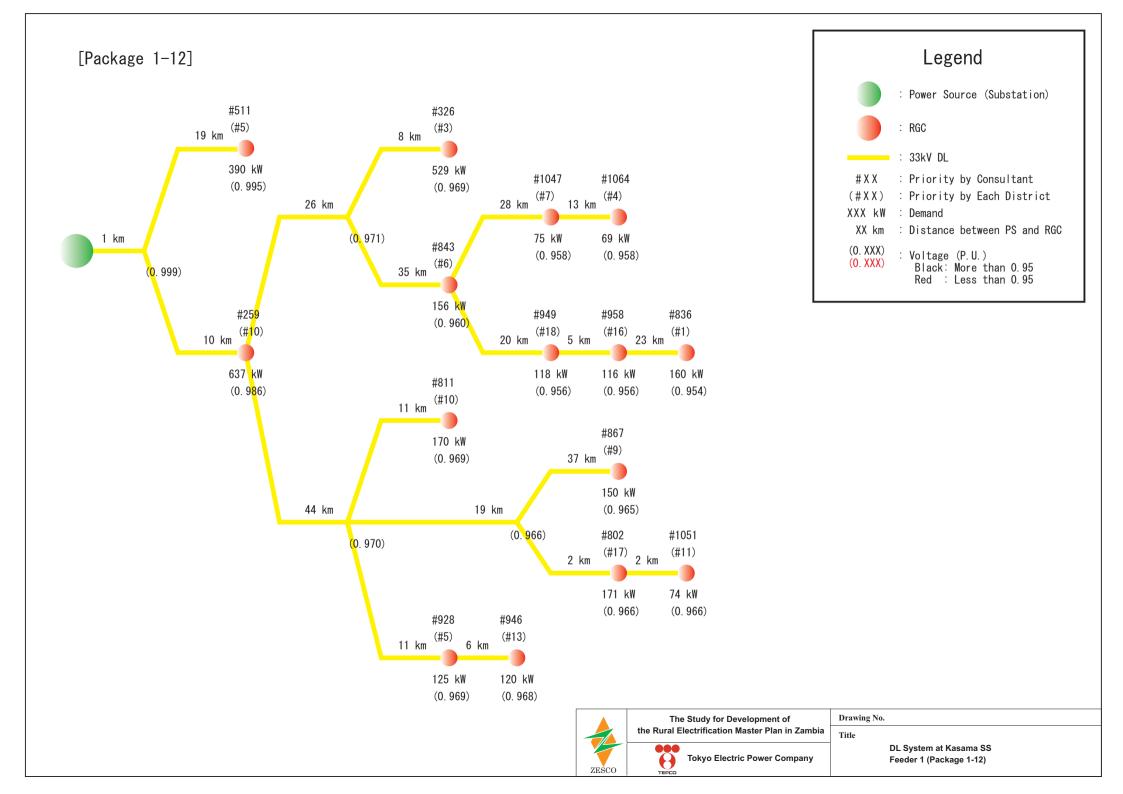
 DL System at Kasama SS Feeder 1 (Package 1-7)



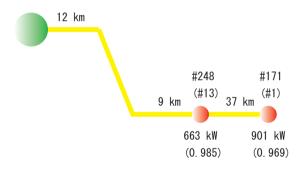






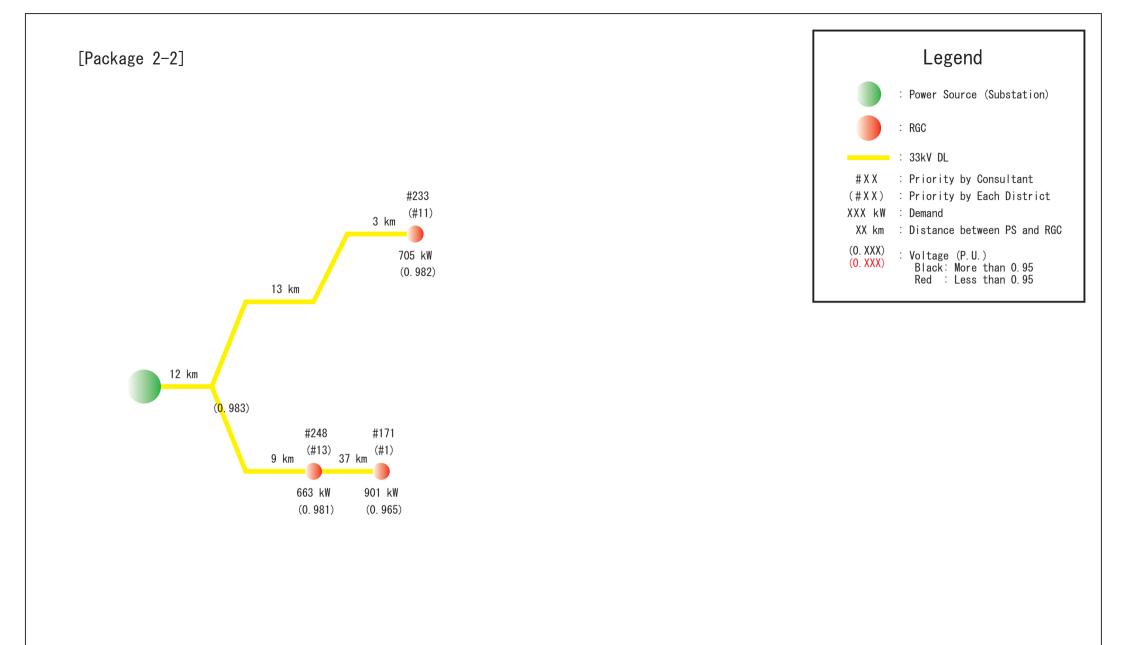




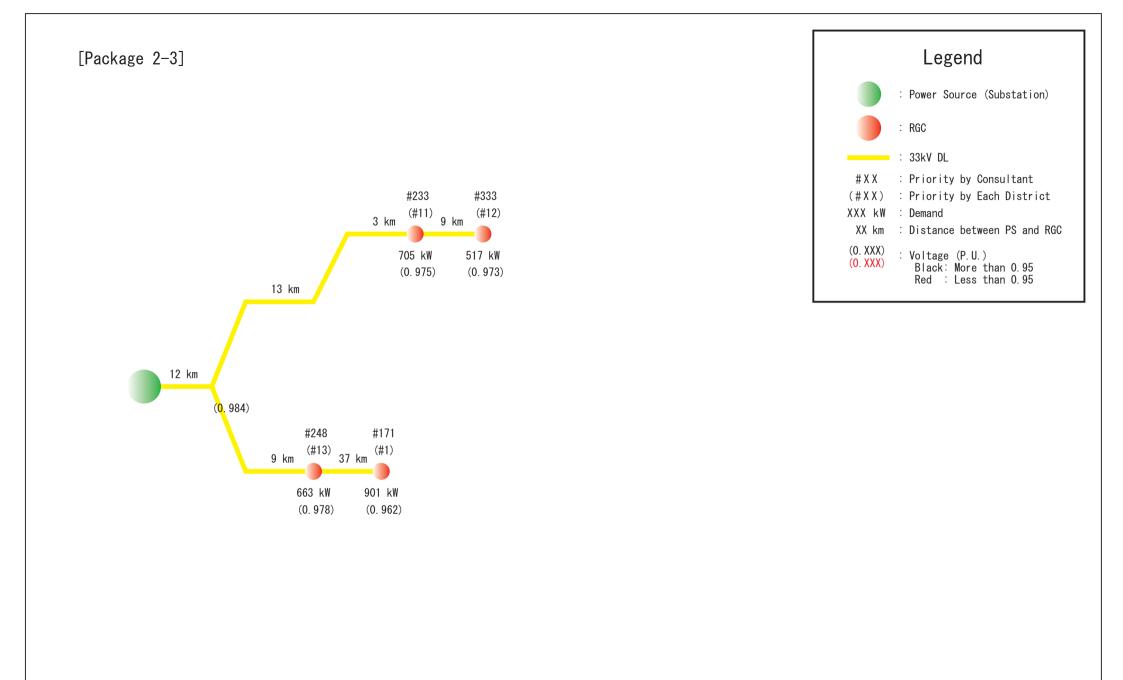




Feeder 2 (Package 2-1)

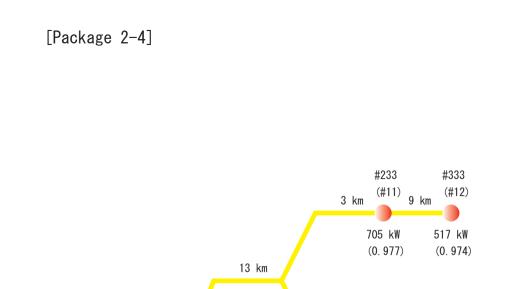


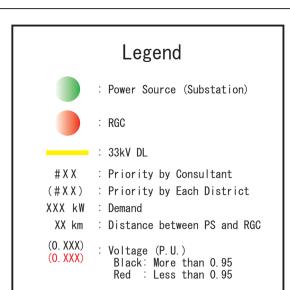


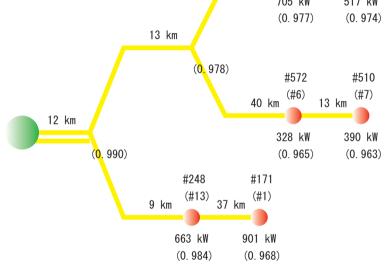


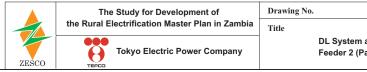


DL System at Kasama SS Feeder 2 (Package 2-3)

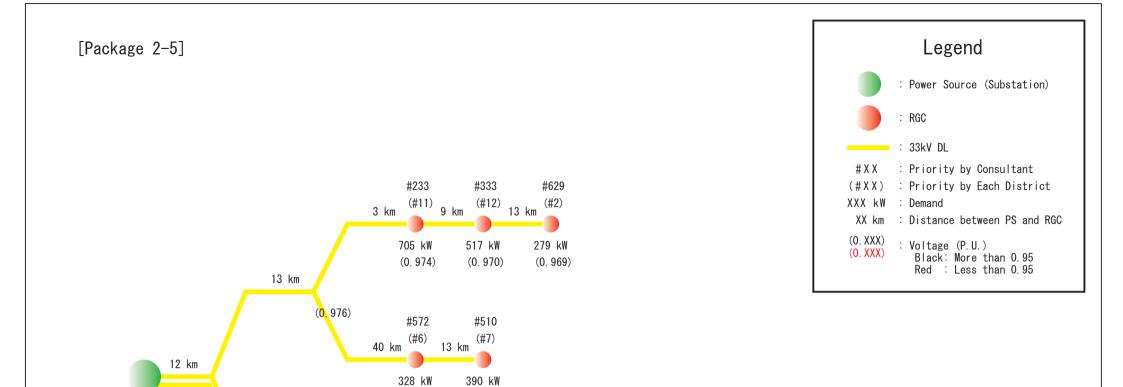








DL System at Kasama SS Feeder 2 (Package 2-4)



(0.960)

(0.963)

#171

(#1)

901 kW

(0.967)

#248

663 kW

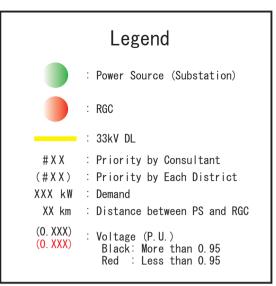
(0. 983)

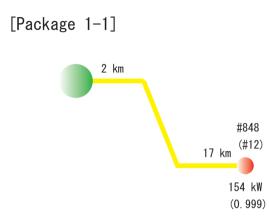
9 km

<sup>(#13)</sup> 37 km

(0, 989)

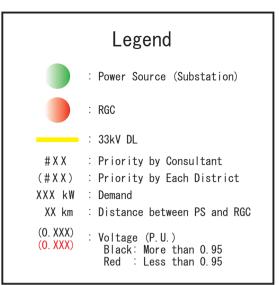
	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Kasama SS Feeder 2 (Package 2-5)



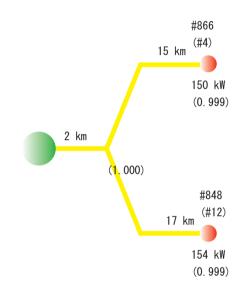


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

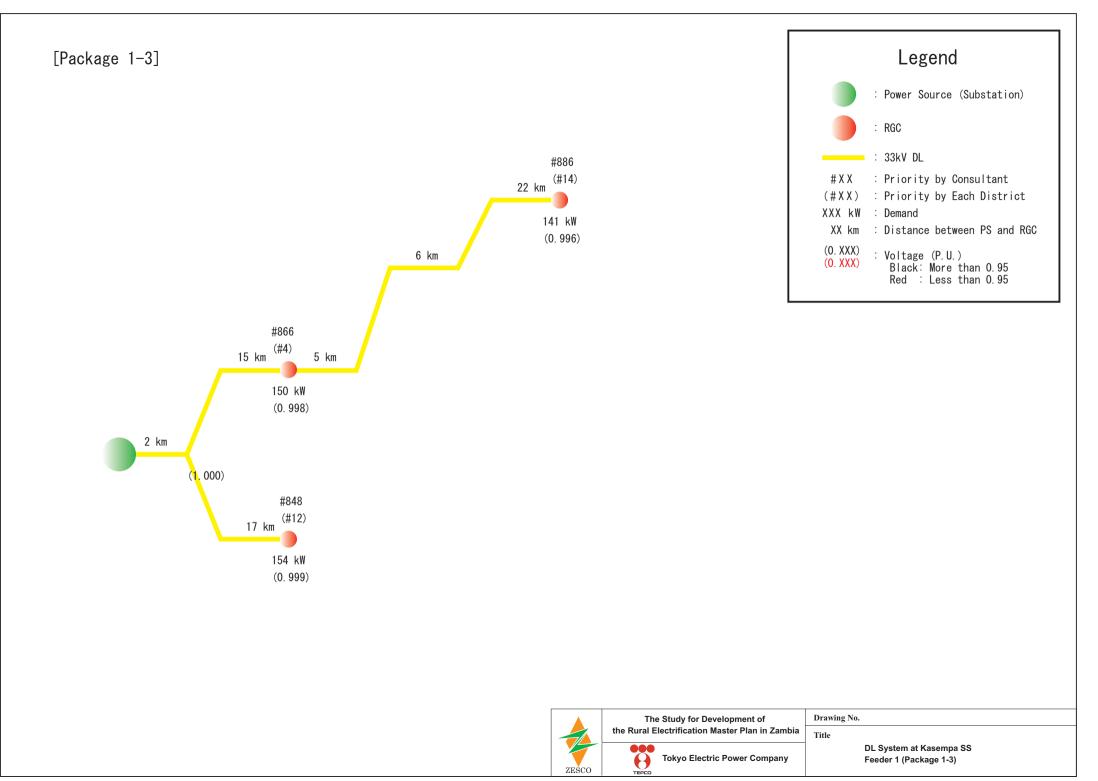
 ZESCO
 Tokyo Electric Power Company
 Title

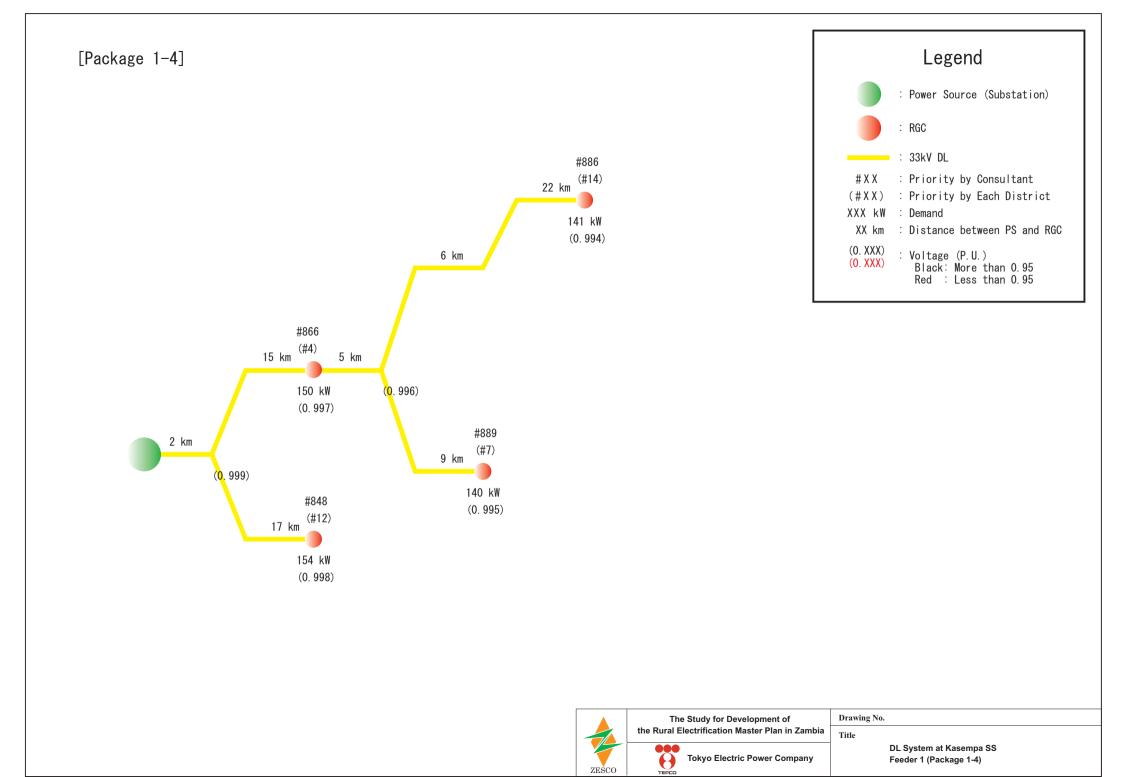


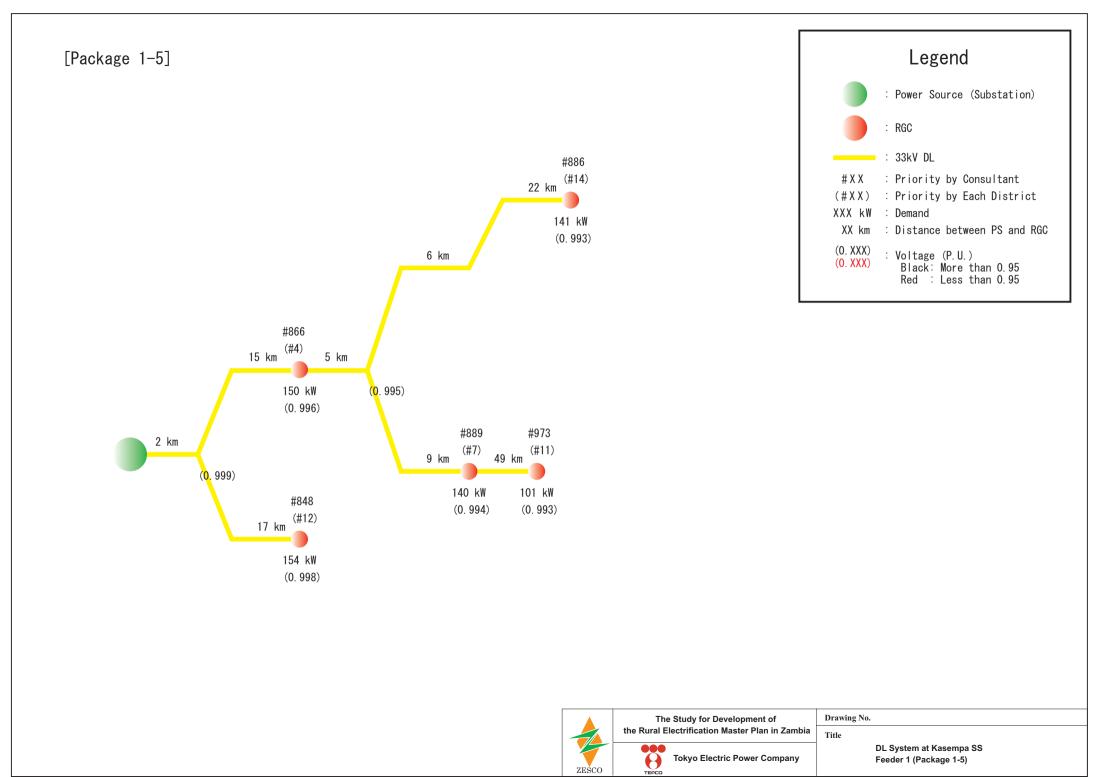
## [Package 1-2]



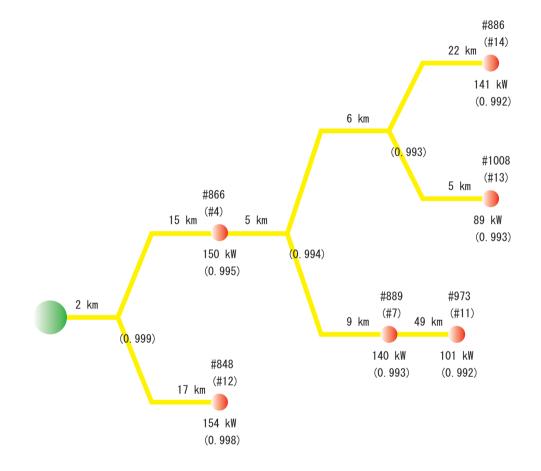








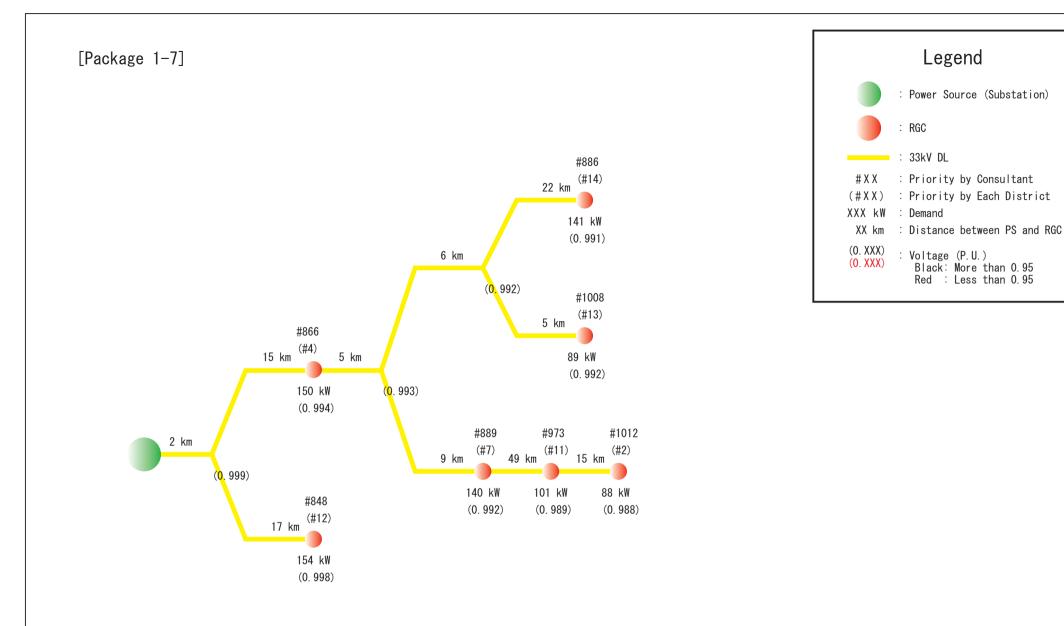




Legend	
	: Power Source (Substation)
	: RGC
<u> </u>	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



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



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

Drawing No.

Title

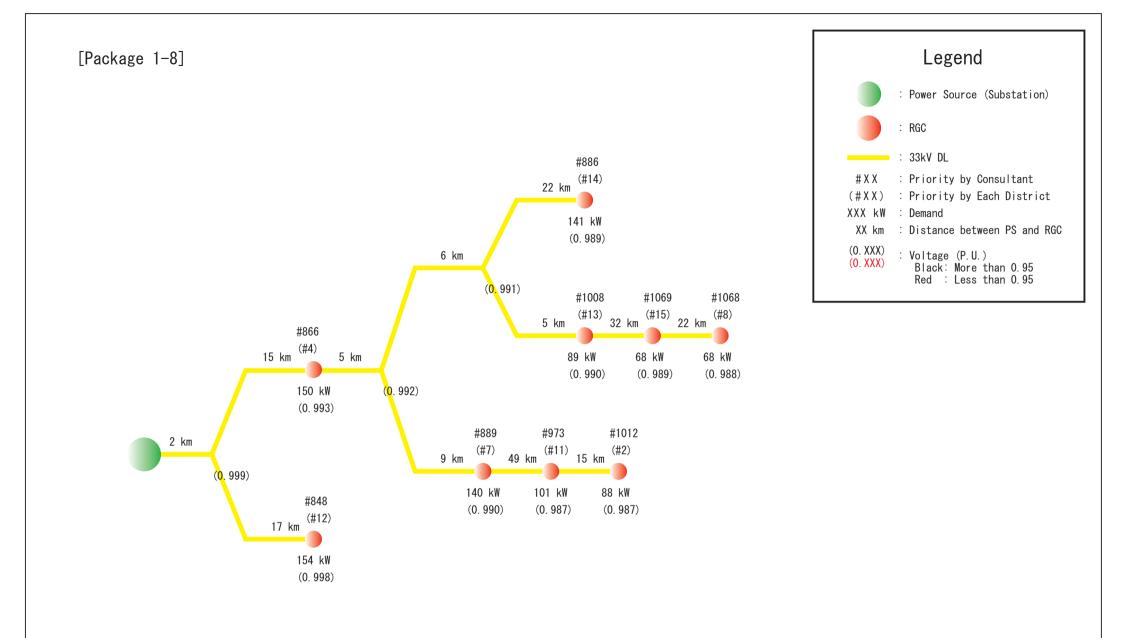
The Study for Development of

the Rural Electrification Master Plan in Zambia

Tokyo Electric Power Company

TEPCO

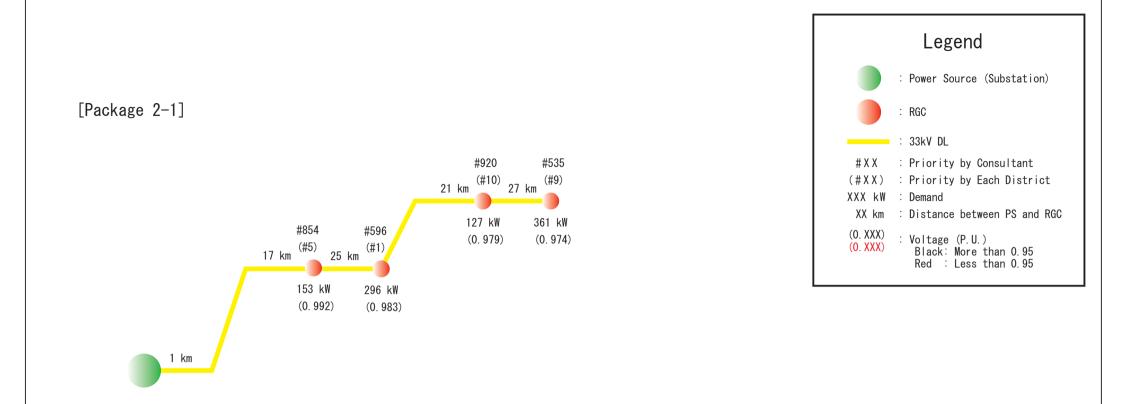
ZESCO



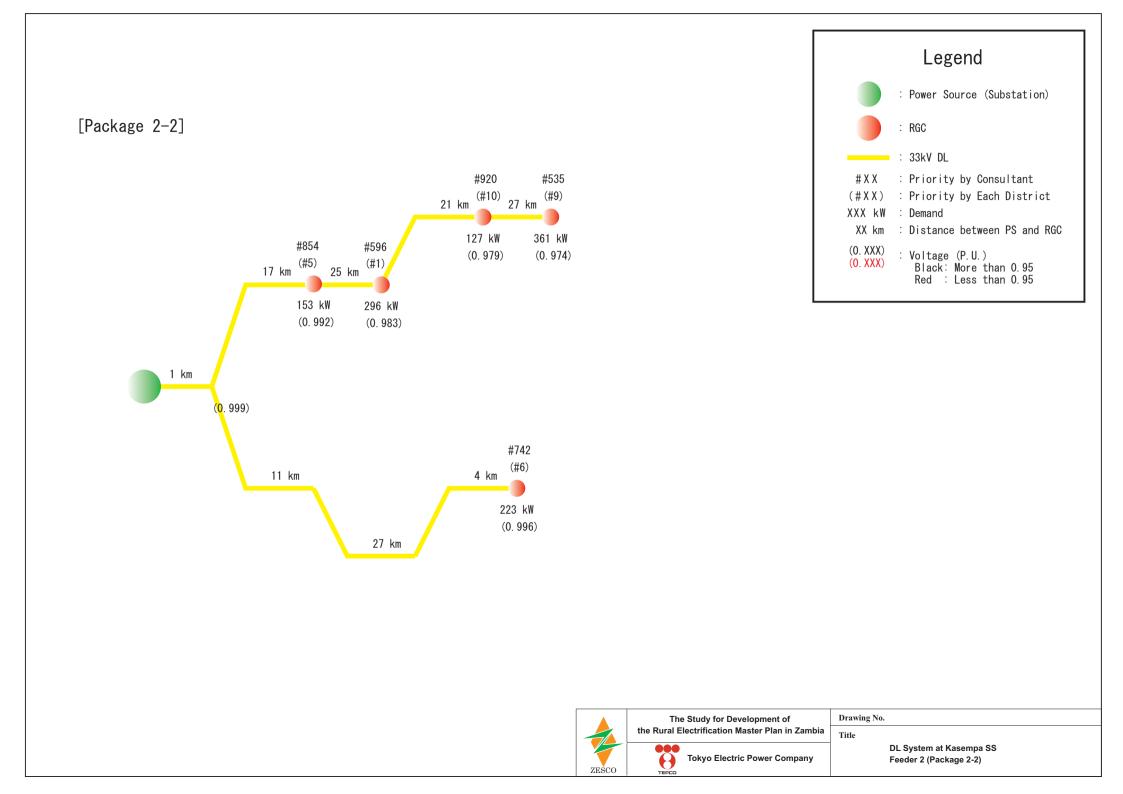
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
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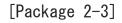
 Title
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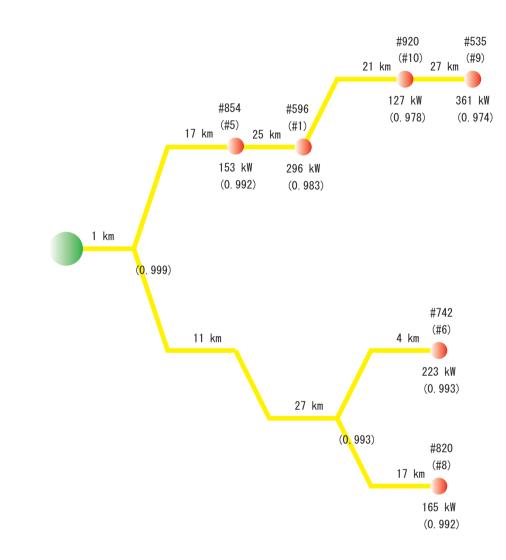
 DL System at Kasempa SS Feeder 1 (Package 1-8)



		The Study for Development of	Drawing No.
		the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Kasempa SS Feeder 2 (Package 2-1)	



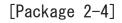


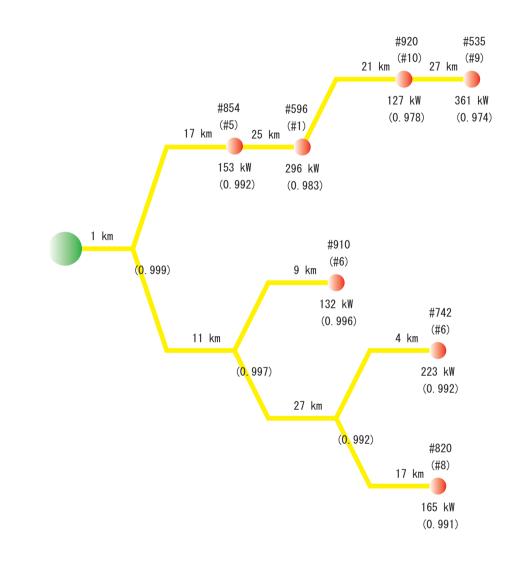


	Legend
	: Power Source (Substation)
	: RGC
—	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



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



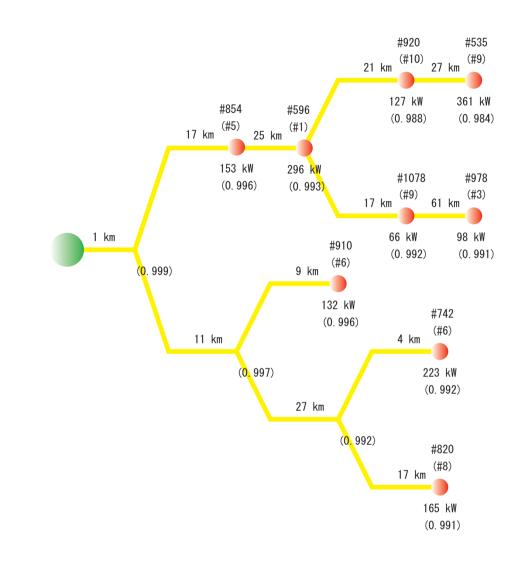


	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



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

[Package 2-5]



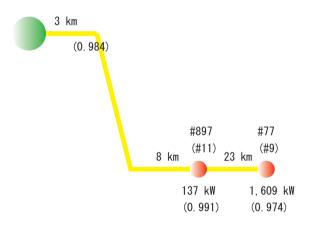
Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

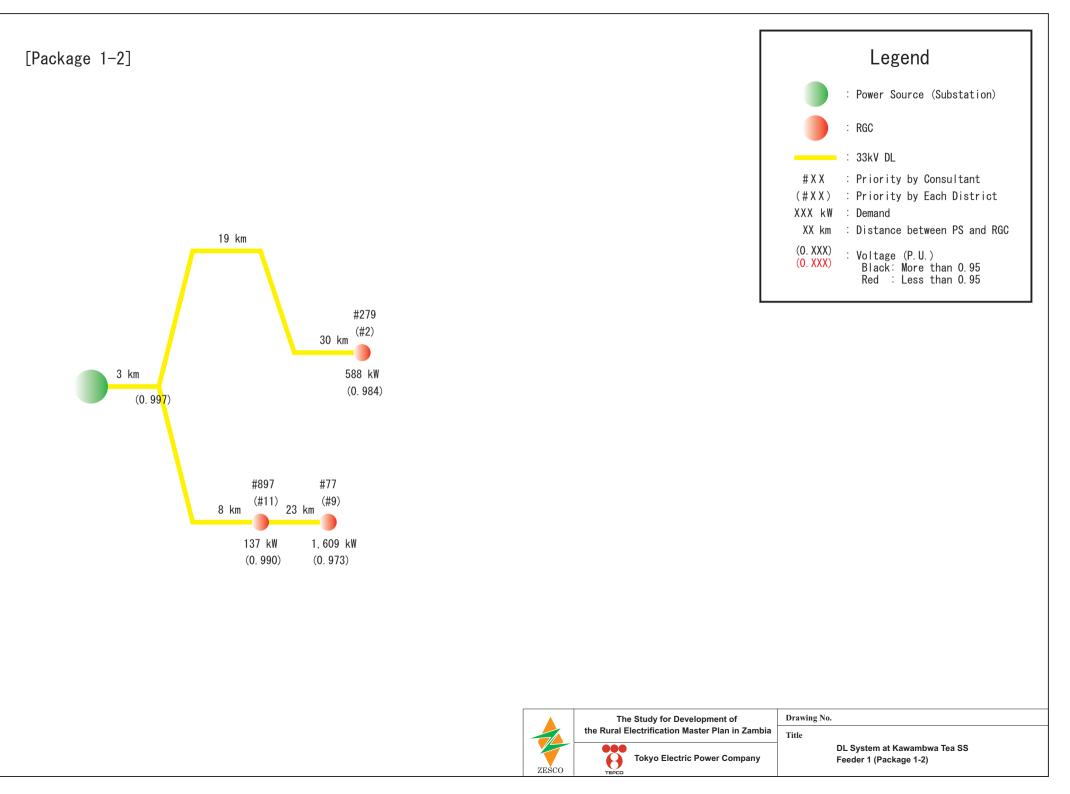
 Title
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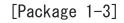
 DL System at Kasempa SS Feeder 2 (Package 2-5)

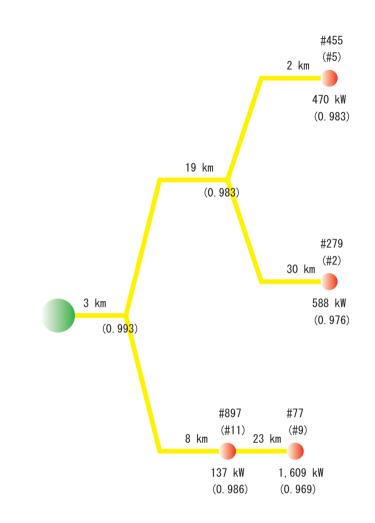


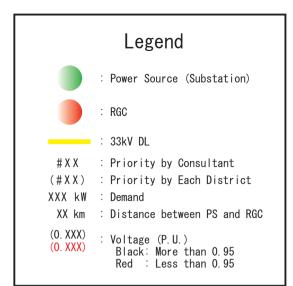






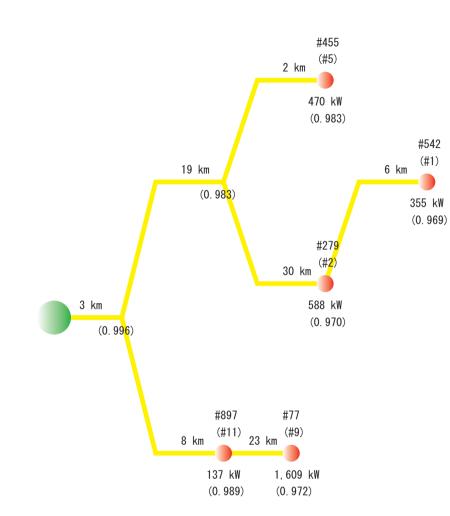










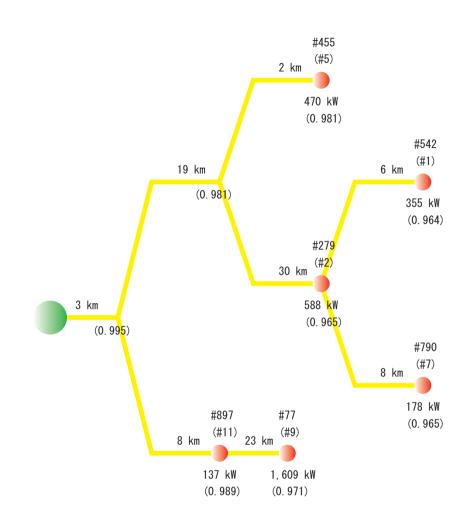


	Legend
	: Power Source (Substation)
	RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95



DL System at Kawambwa Tea SS Feeder 1 (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

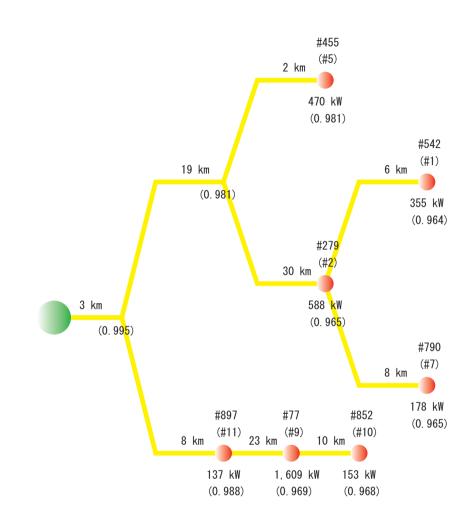
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

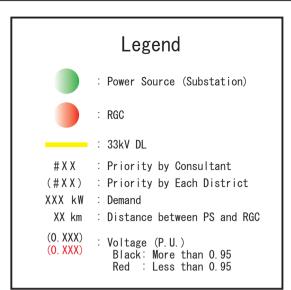
 Title
 Title

 DL System a Feeder 1 (Participation Provided to the pr

DL System at Kawambwa Tea SS Feeder 1 (Package 1-5)





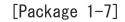


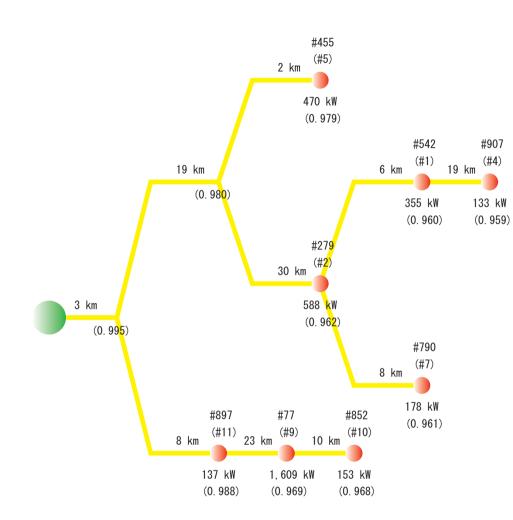
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

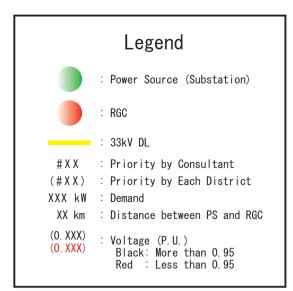
 Title
 Title

 DL Syster
 Feeder 1

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



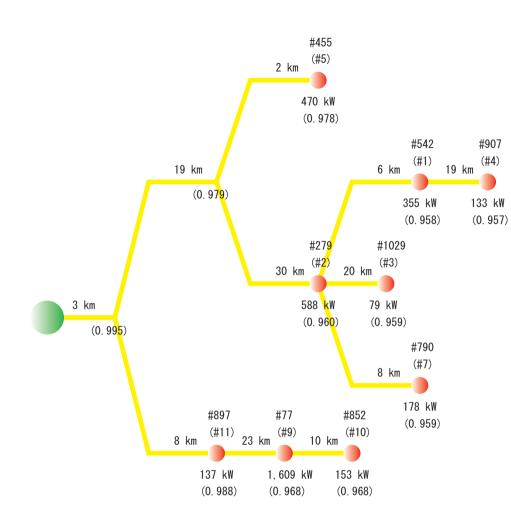


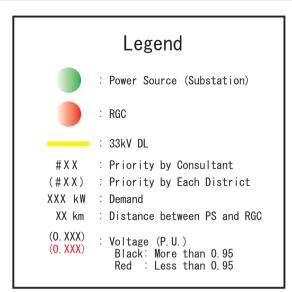




DL System at Kawambwa Tea SS Feeder 1 (Package 1-7)





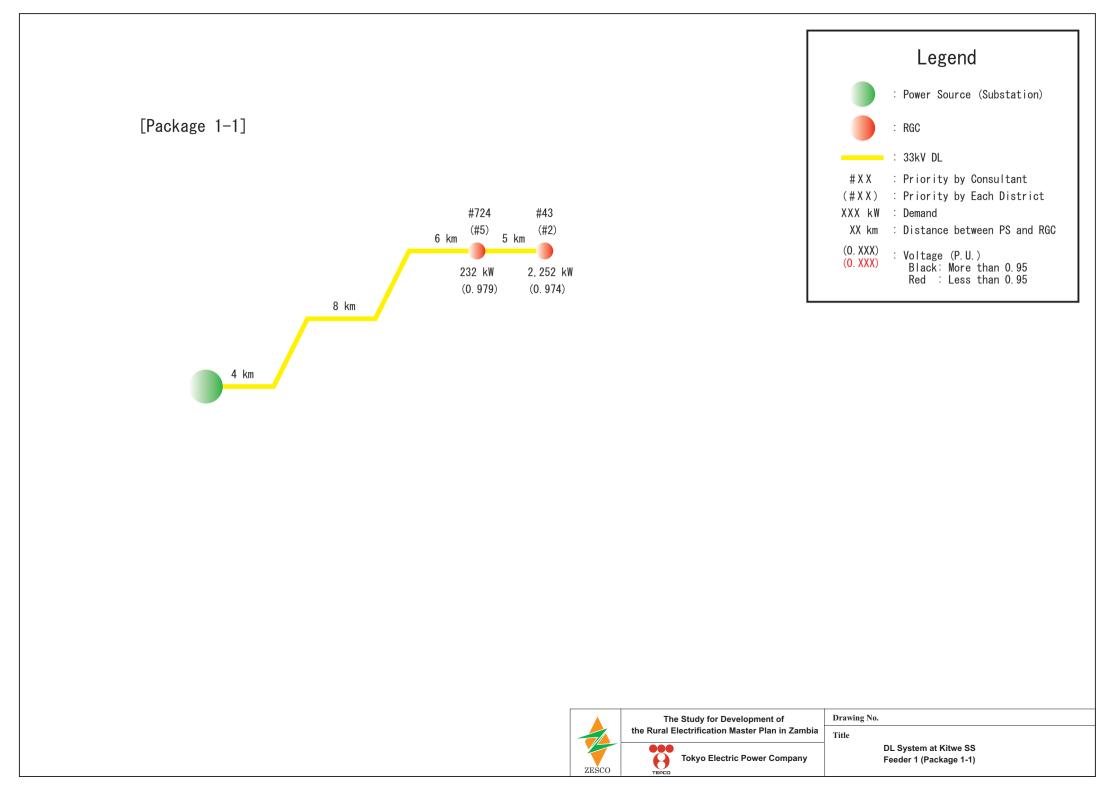


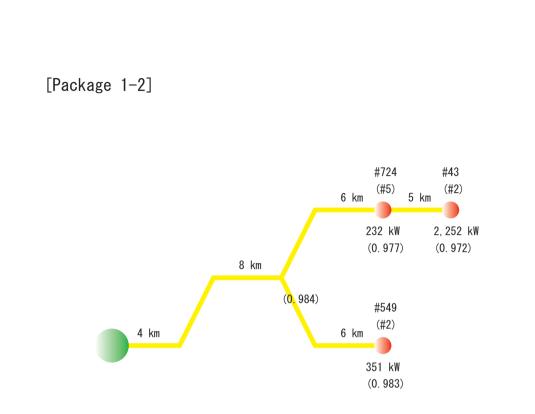
 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 DL Sys
 Feeder

DL System at Kawambwa Tea SS Feeder 1 (Package 1-8)

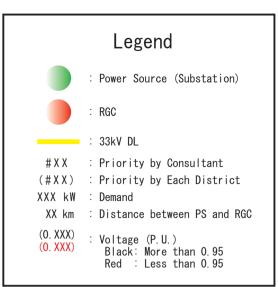




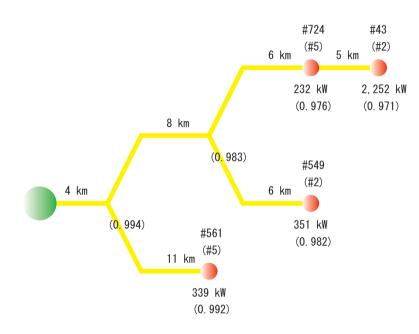
	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

 
 The Study for Development of the Rural Electrification Master Plan in Zambia
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 ZESCO
 Tokyo Electric Power Company
 Title



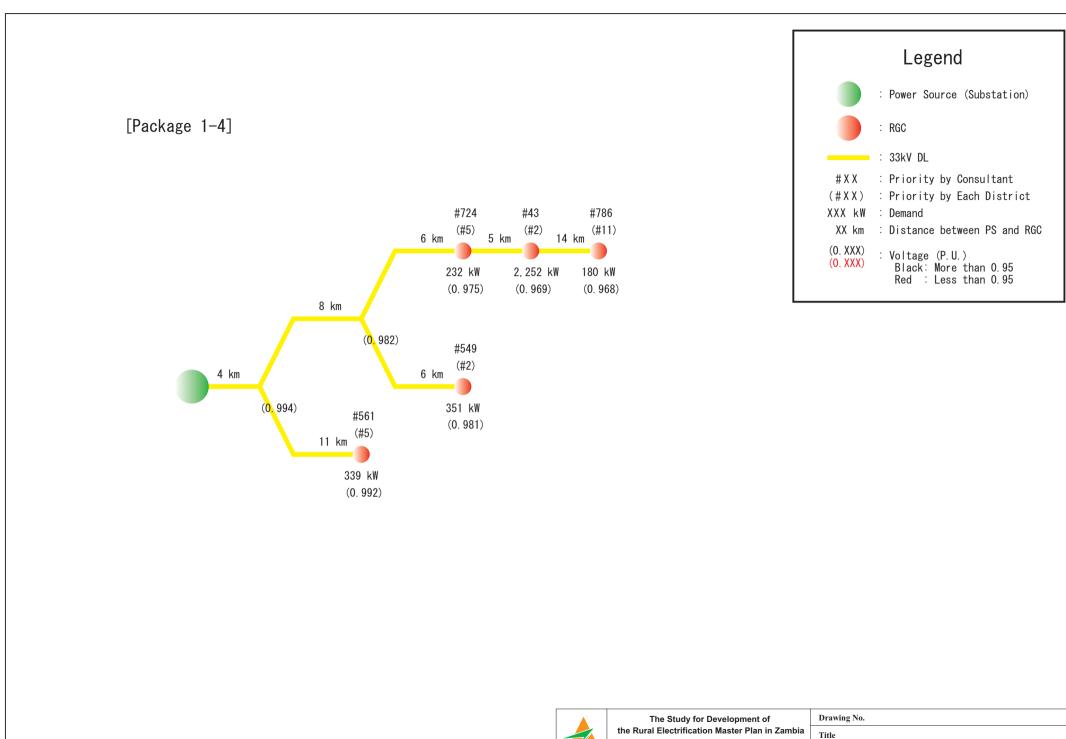
#### [Package 1-3]



 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

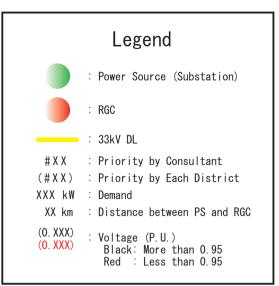
 DL System at Kitwe SS Feeder 1 (Package 1-3)



Tokyo Electric Power Company

ZESCO

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



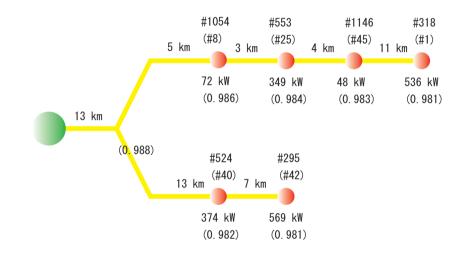
## [Package 2-1]





	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

# [Package 2-2]

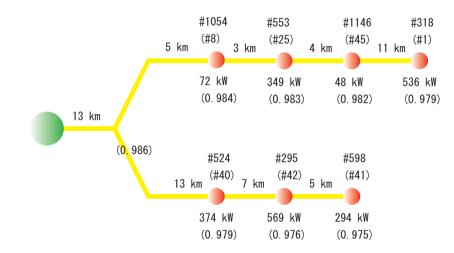


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 ZESCO
 Tokyo Electric Power Company
 Title

	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

# [Package 2-3]

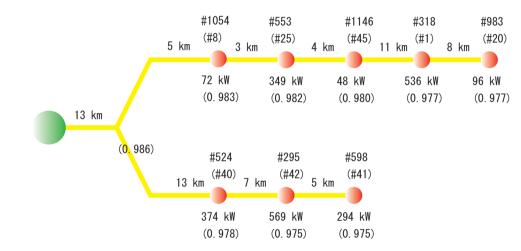




DL System at Kitwe SS Feeder 2 (Package 2-3)

		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

### [Package 2-4]

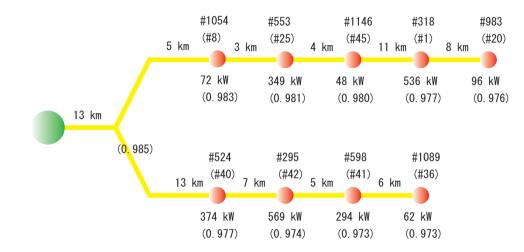


The Study for Development of Drawing No. the Rural Electrification Master Plan in Zambia Title TEPED Tokyo Electric Power Company ZESCO

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

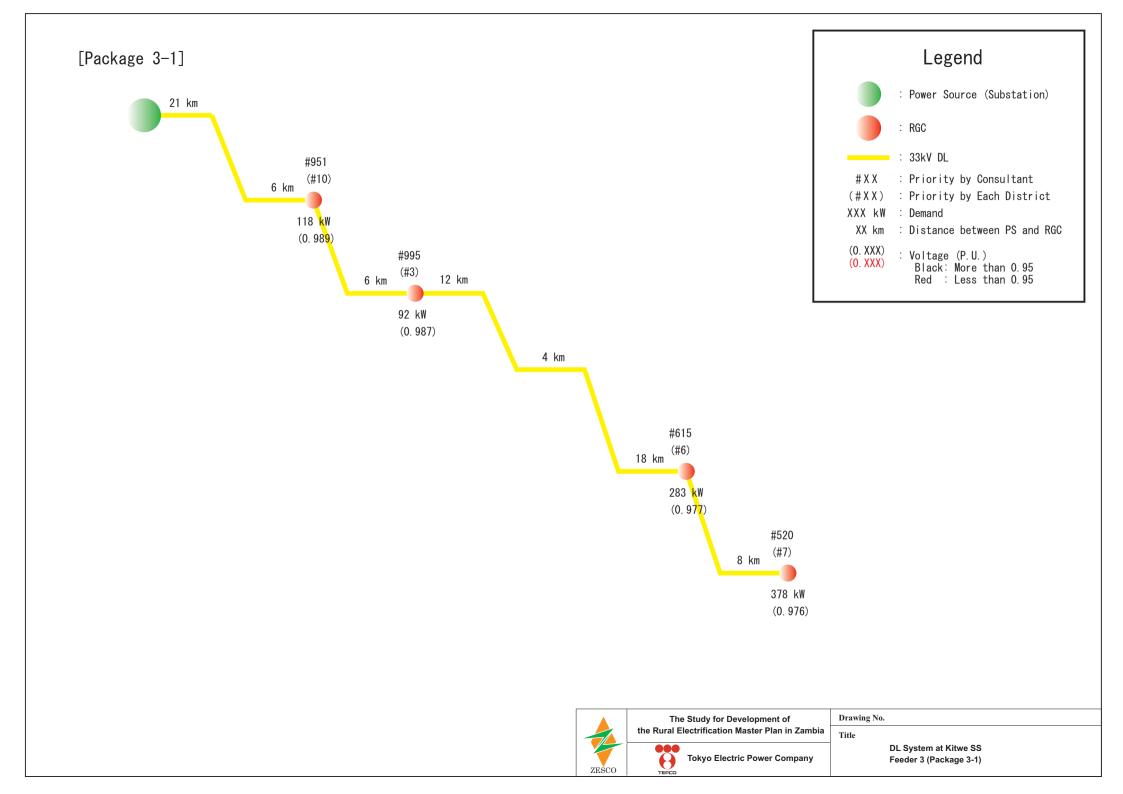
	Legend
	: Power Source (Substation)
	: RGC
	: 33kV DL
# X X	: Priority by Consultant
(#XX)	: Priority by Each District
XXX kW	: Demand
XX km	: Distance between PS and RGC
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95

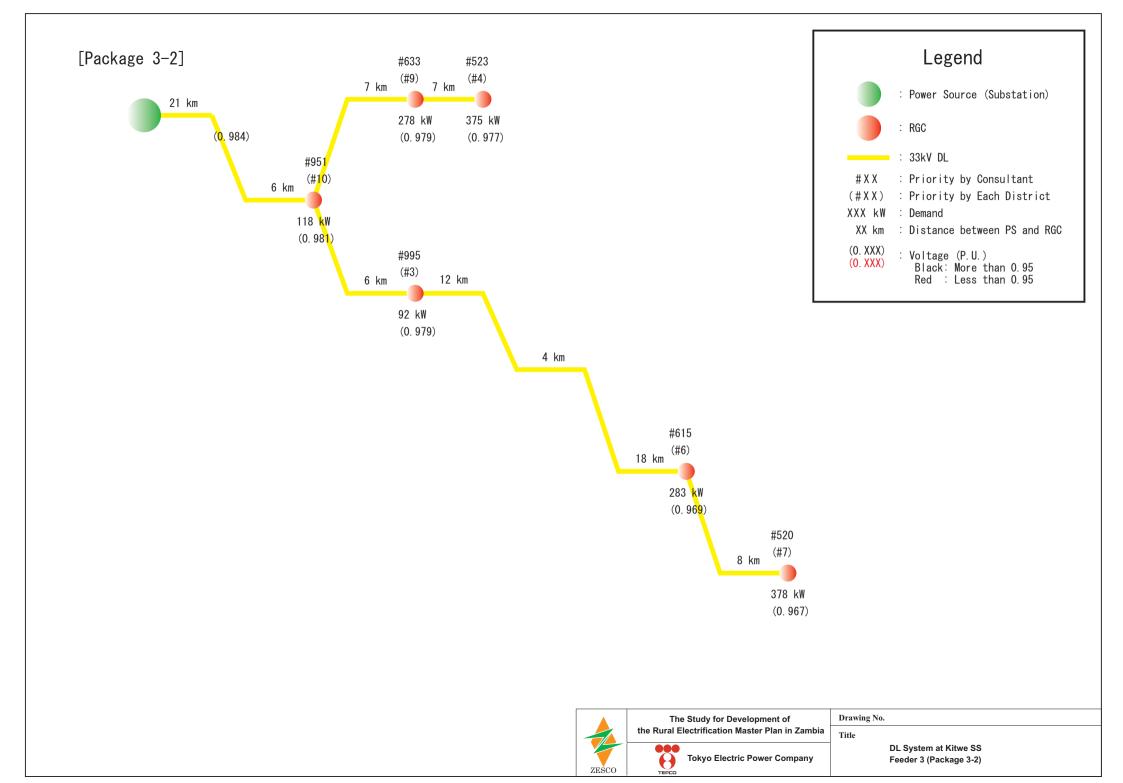
## [Package 2-5]

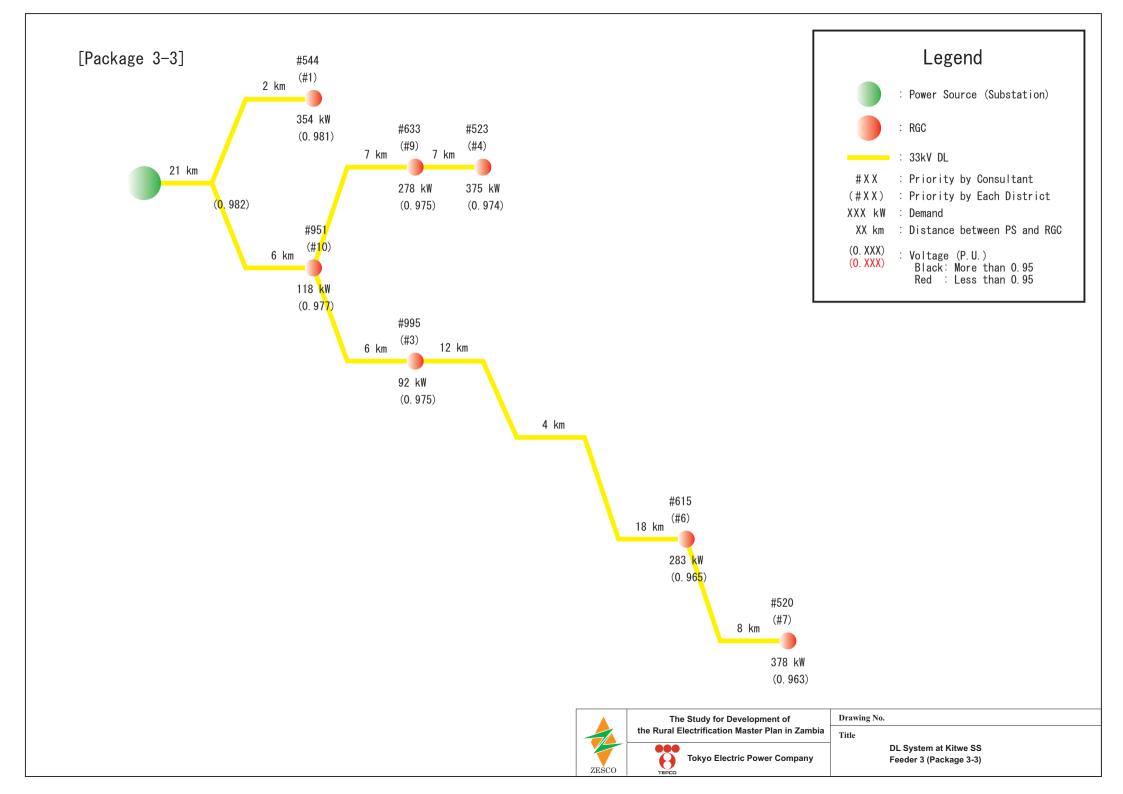


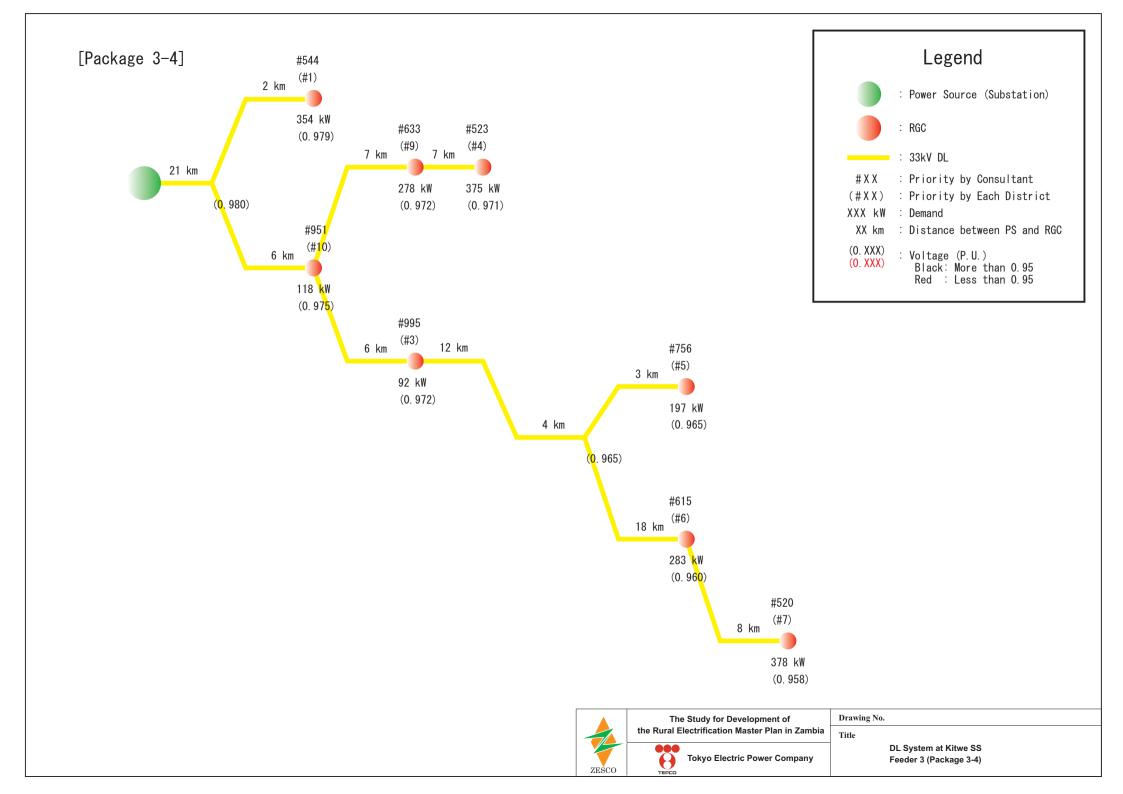
The Study for Development of Drawing No. the Rural Electrification Master Plan in Zambia Title TEPED Tokyo Electric Power Company ZESCO

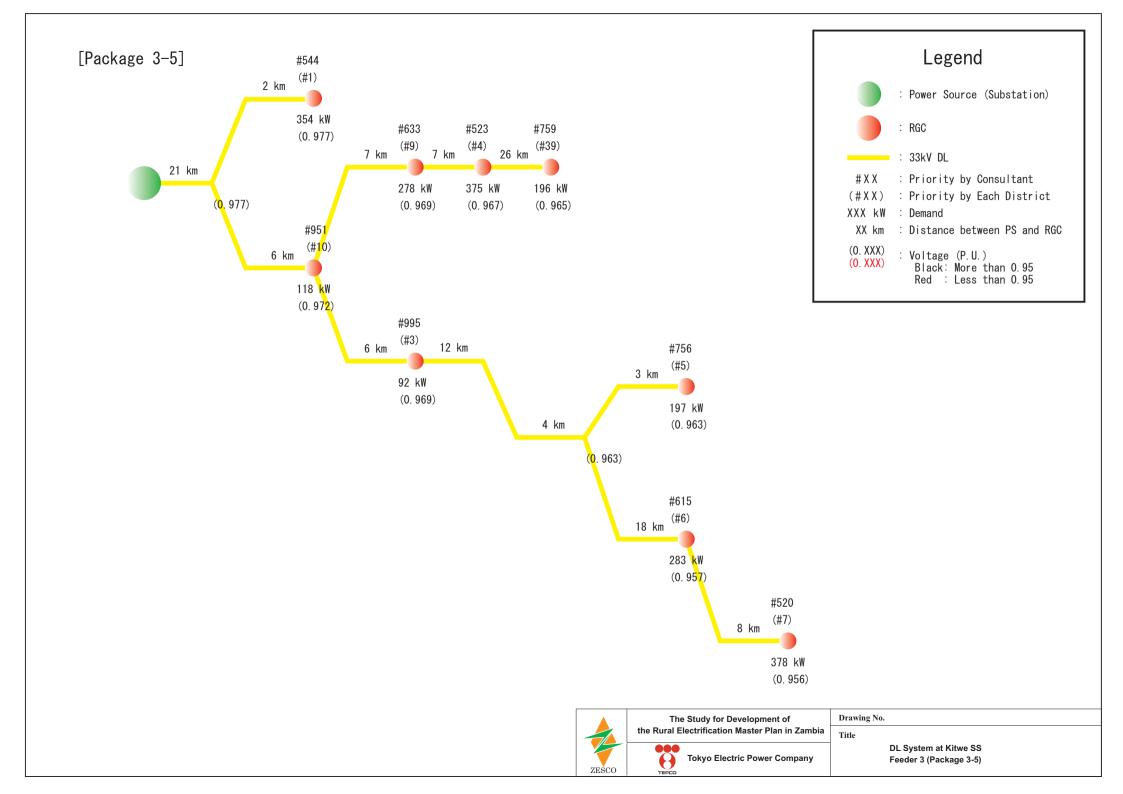
DL System at Kitwe SS Feeder 2 (Package 2-5)

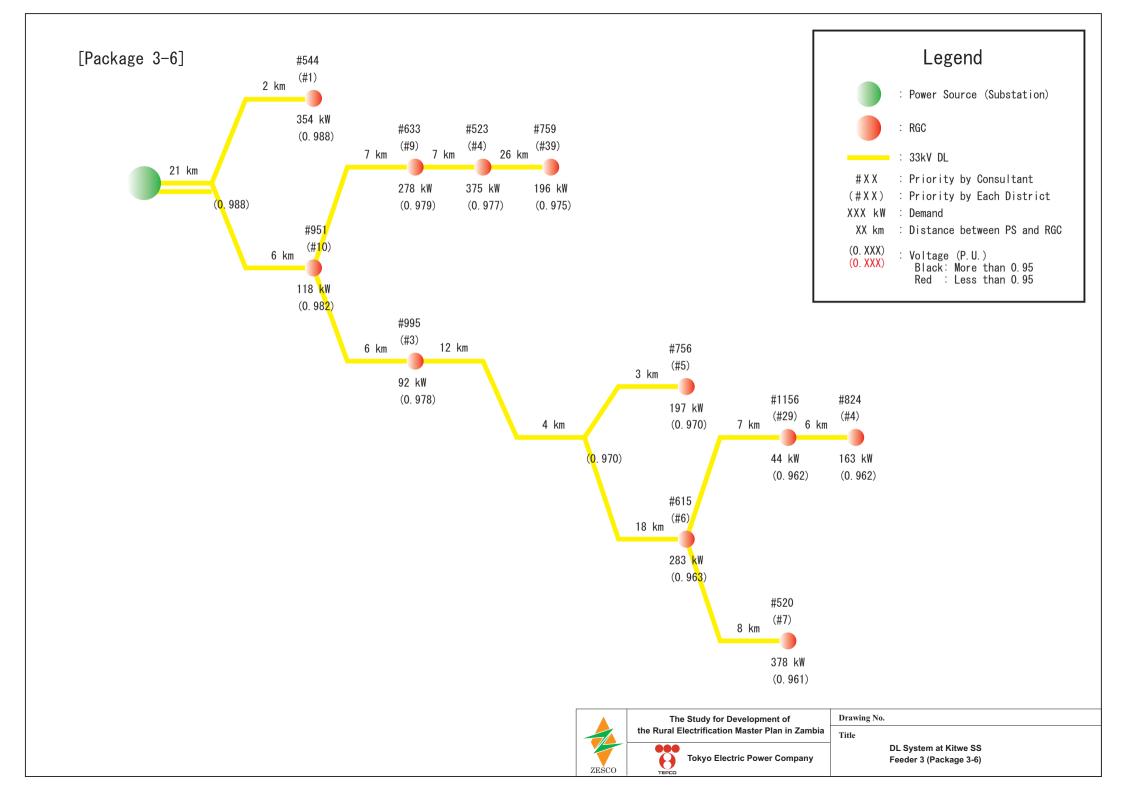


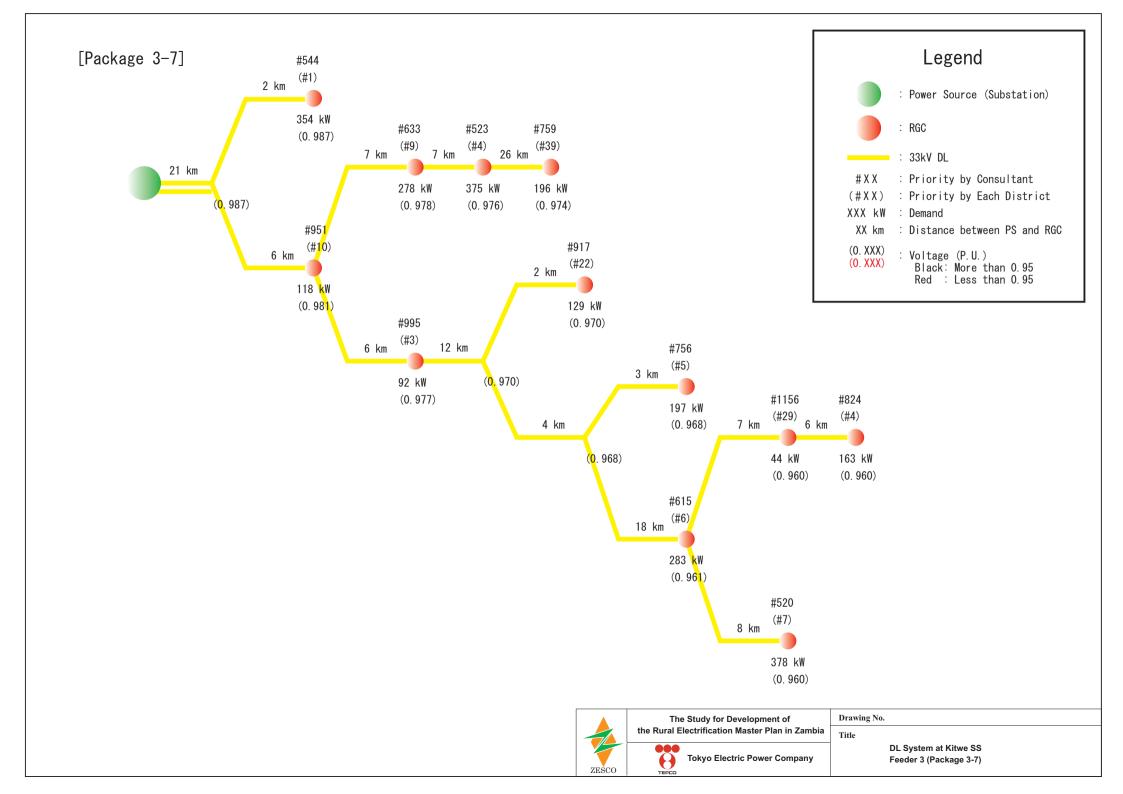


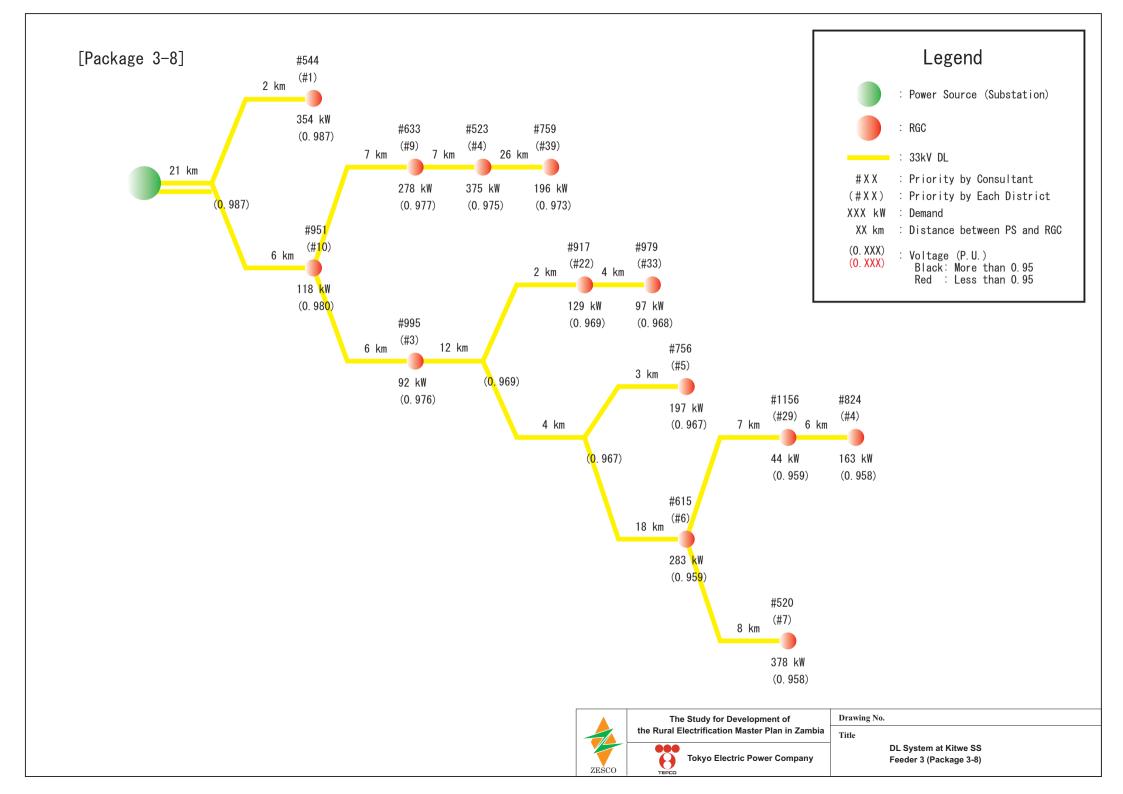


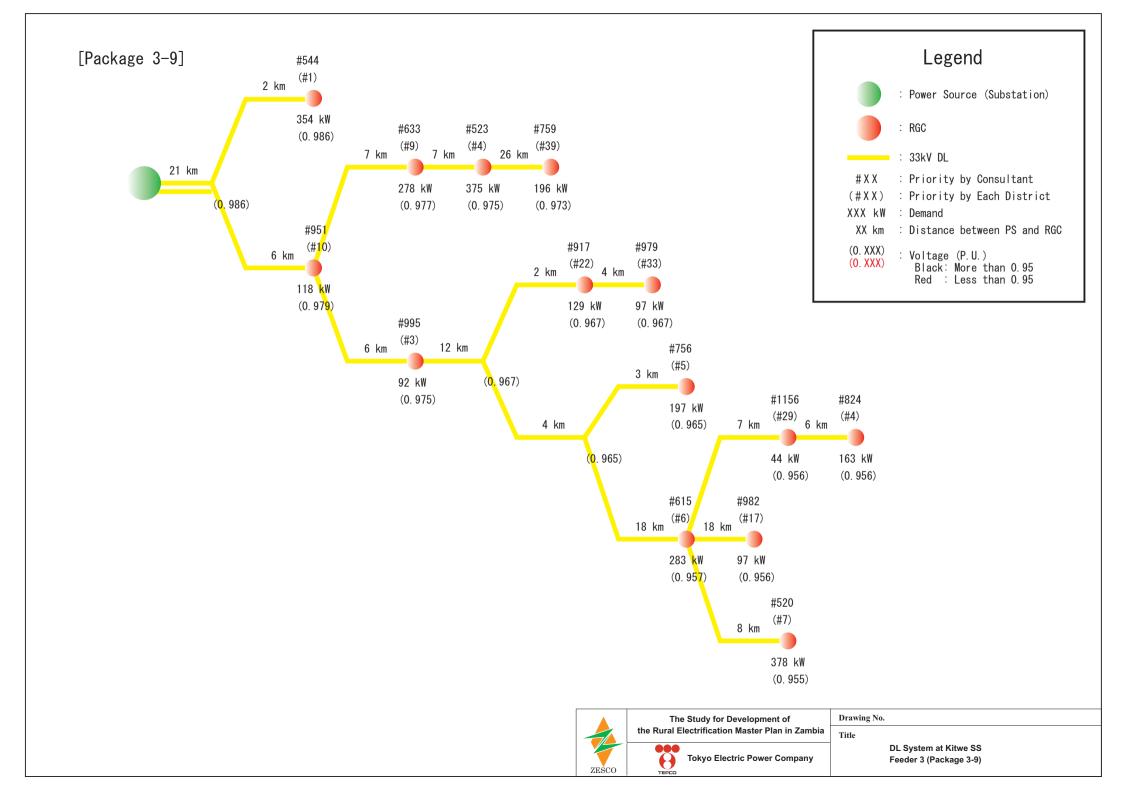


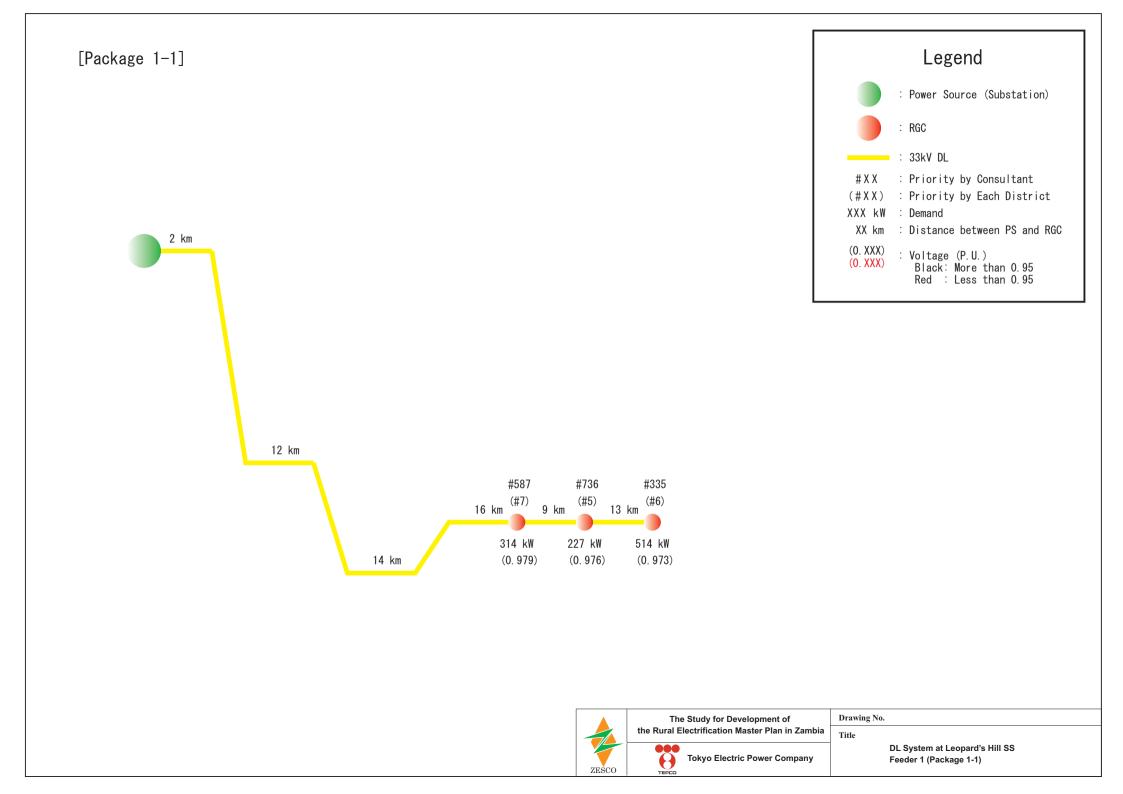


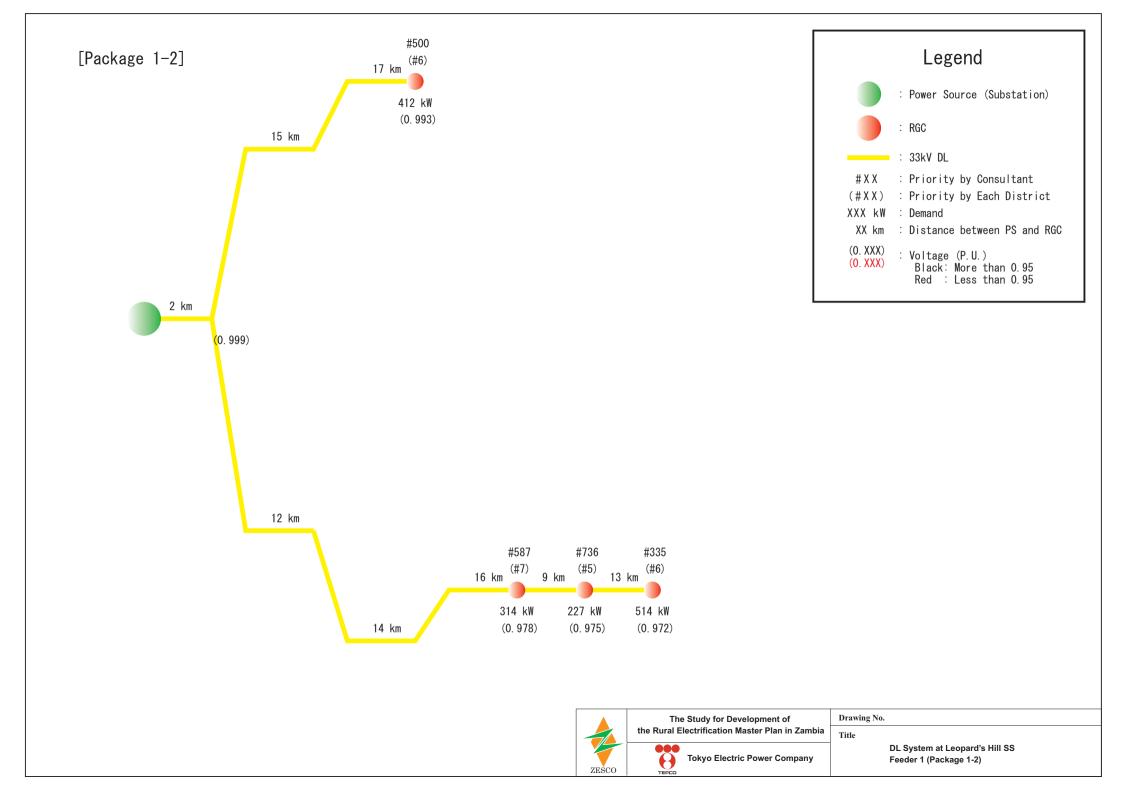


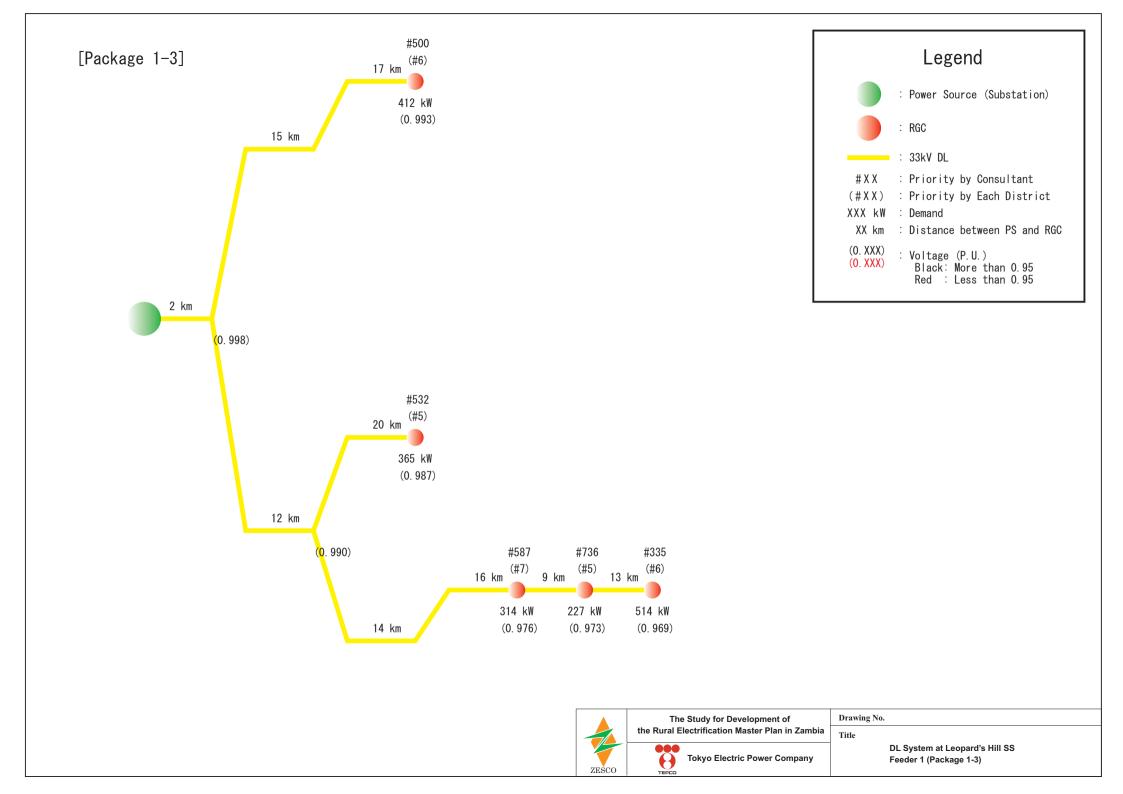


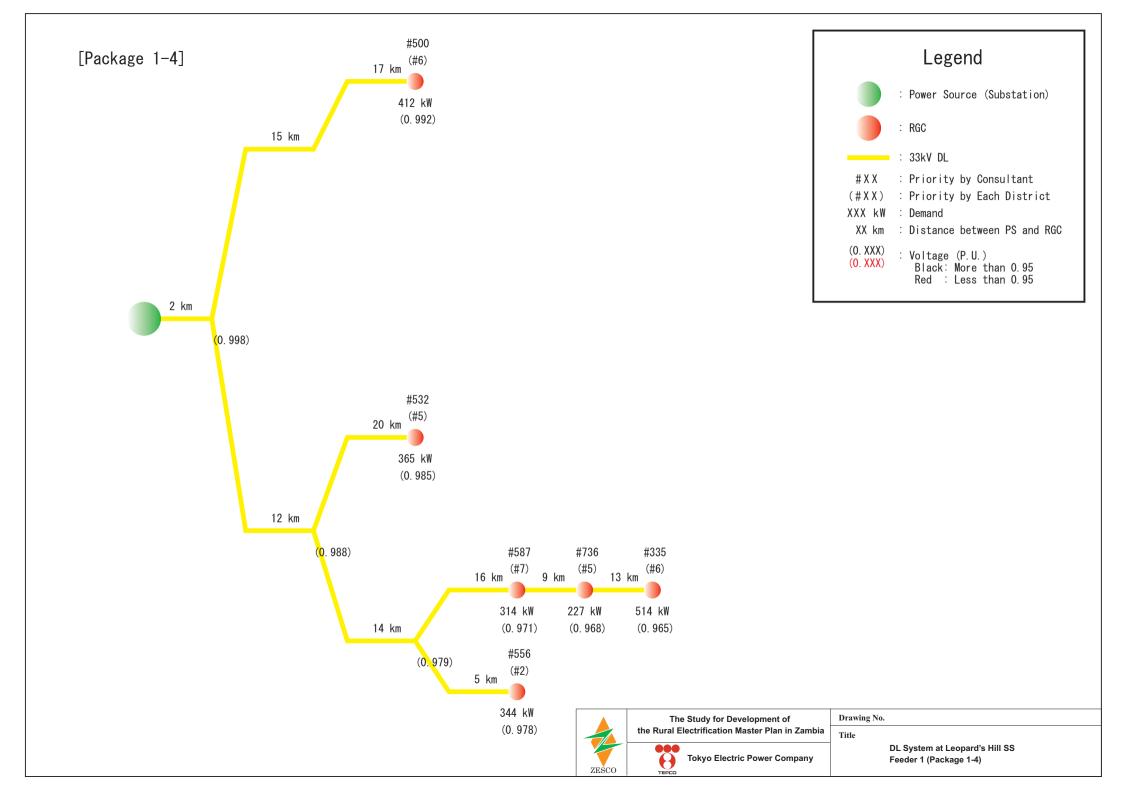


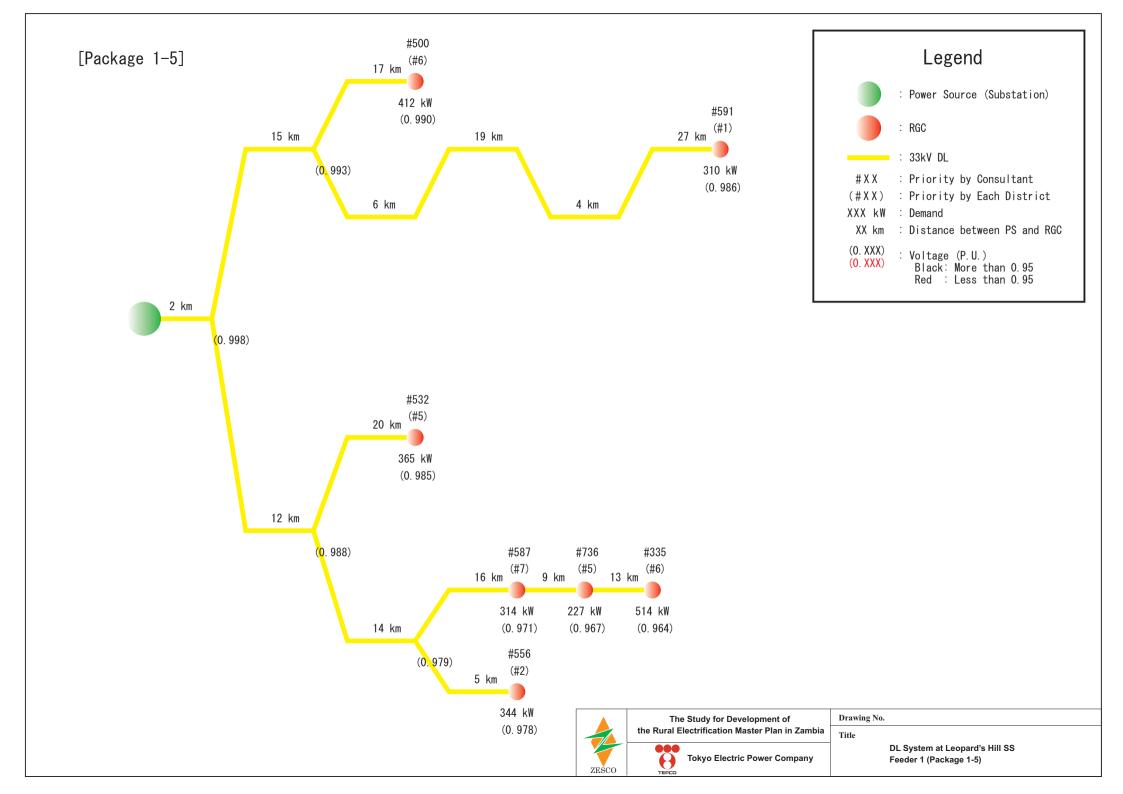


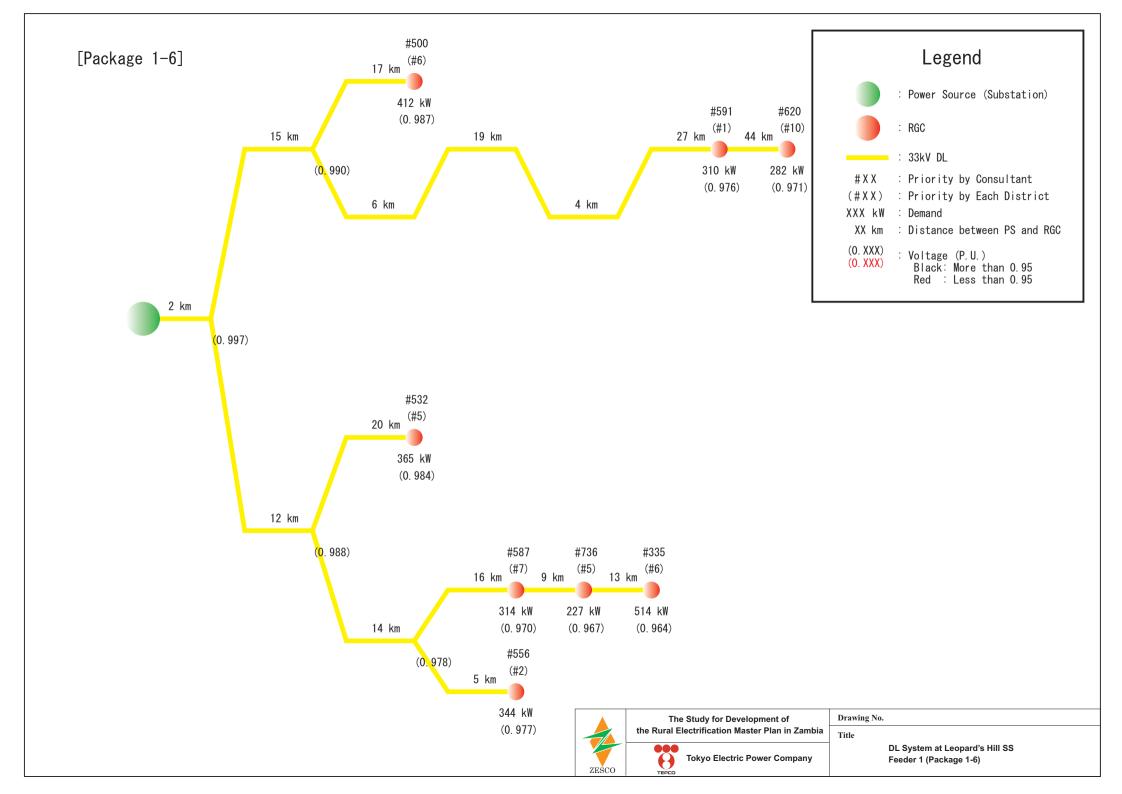


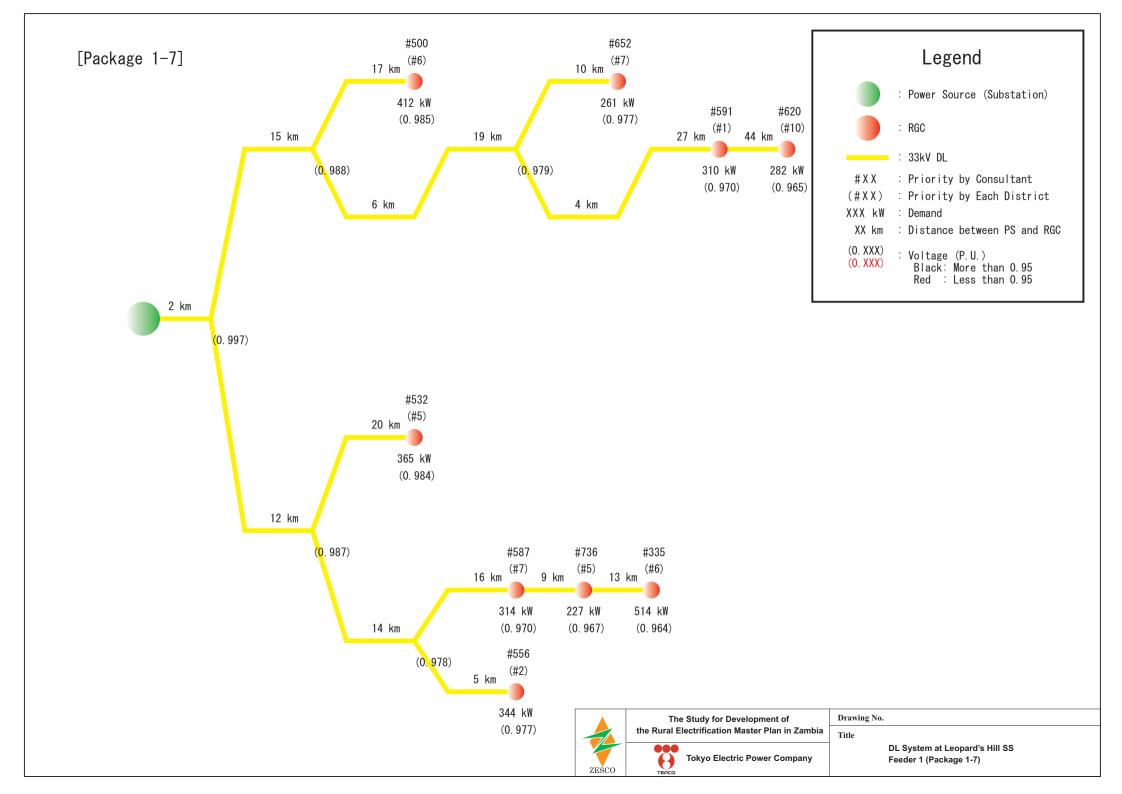


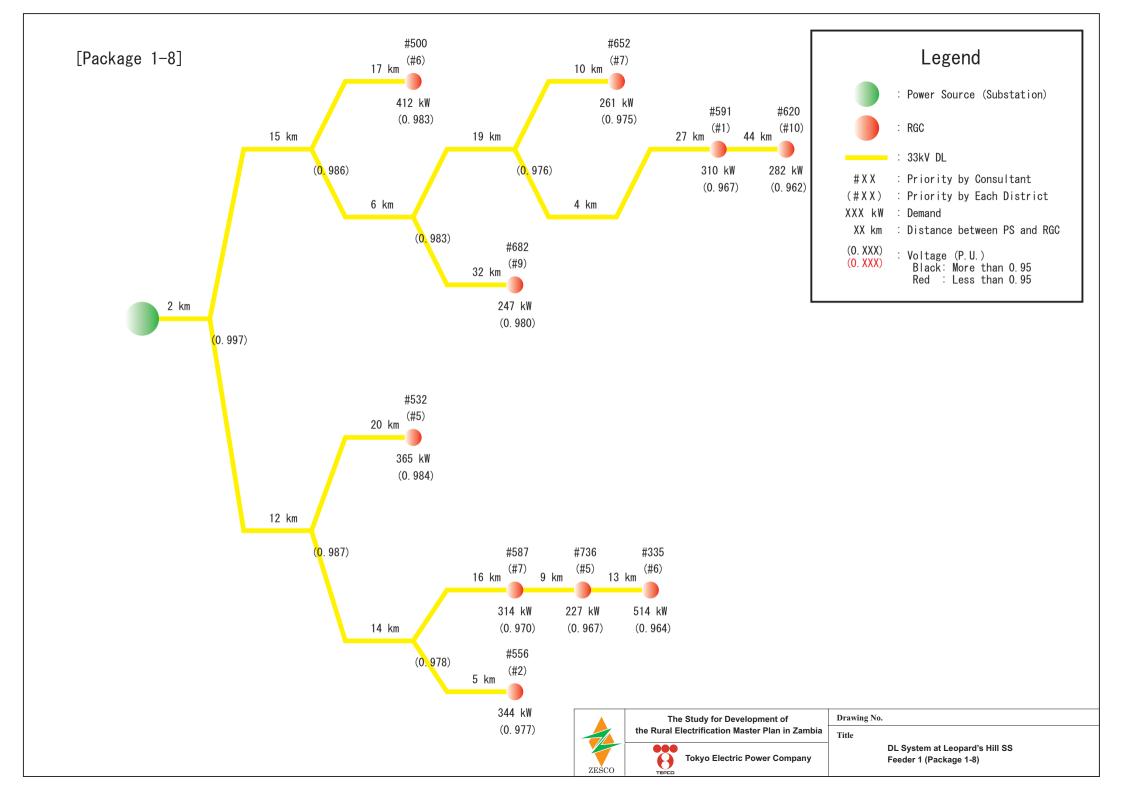


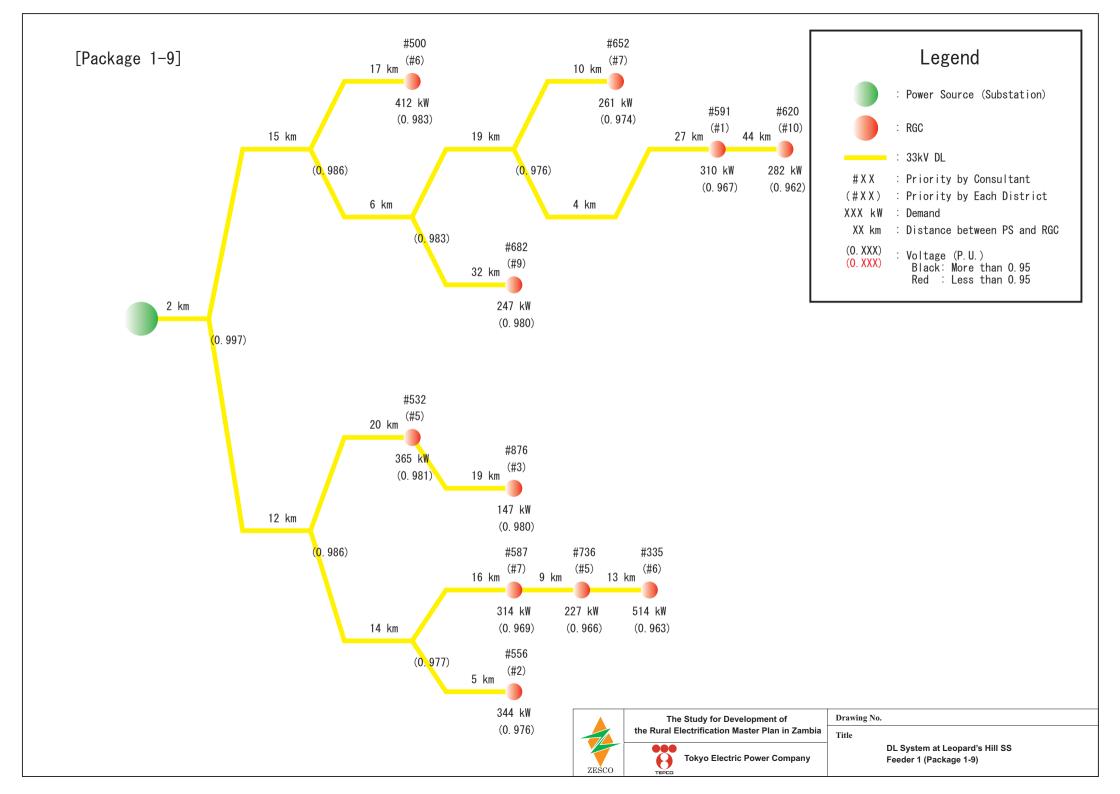


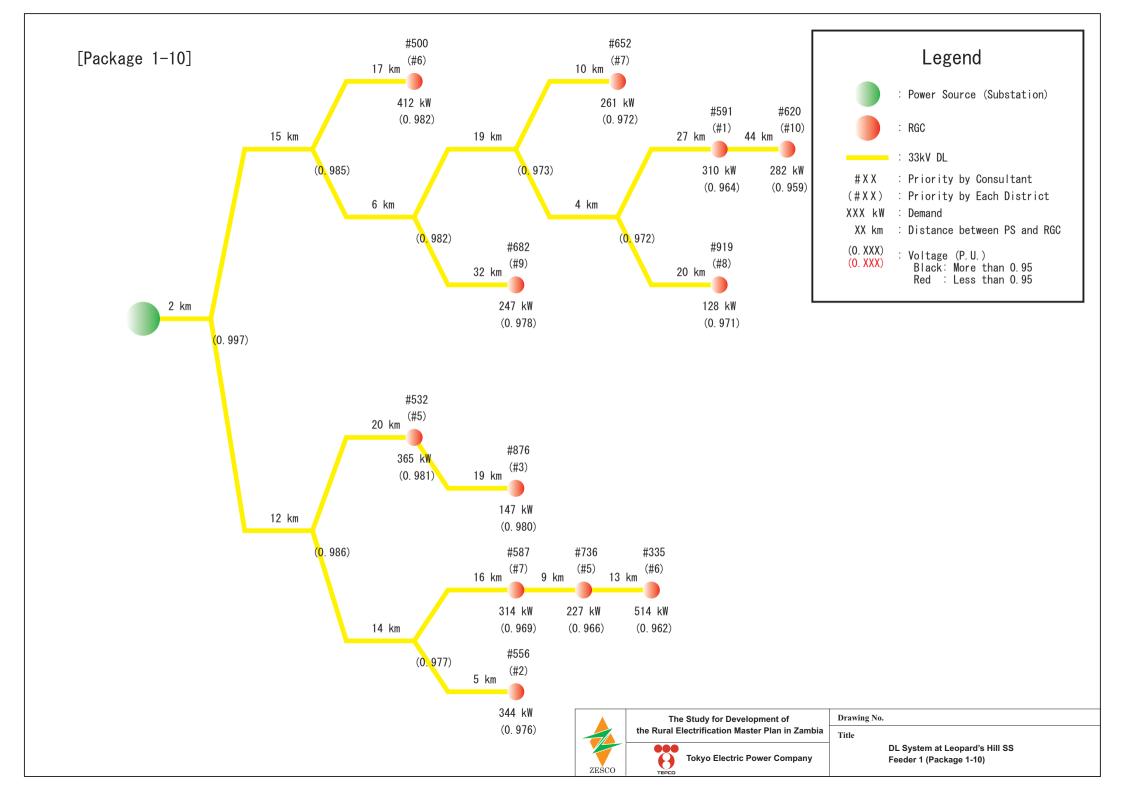


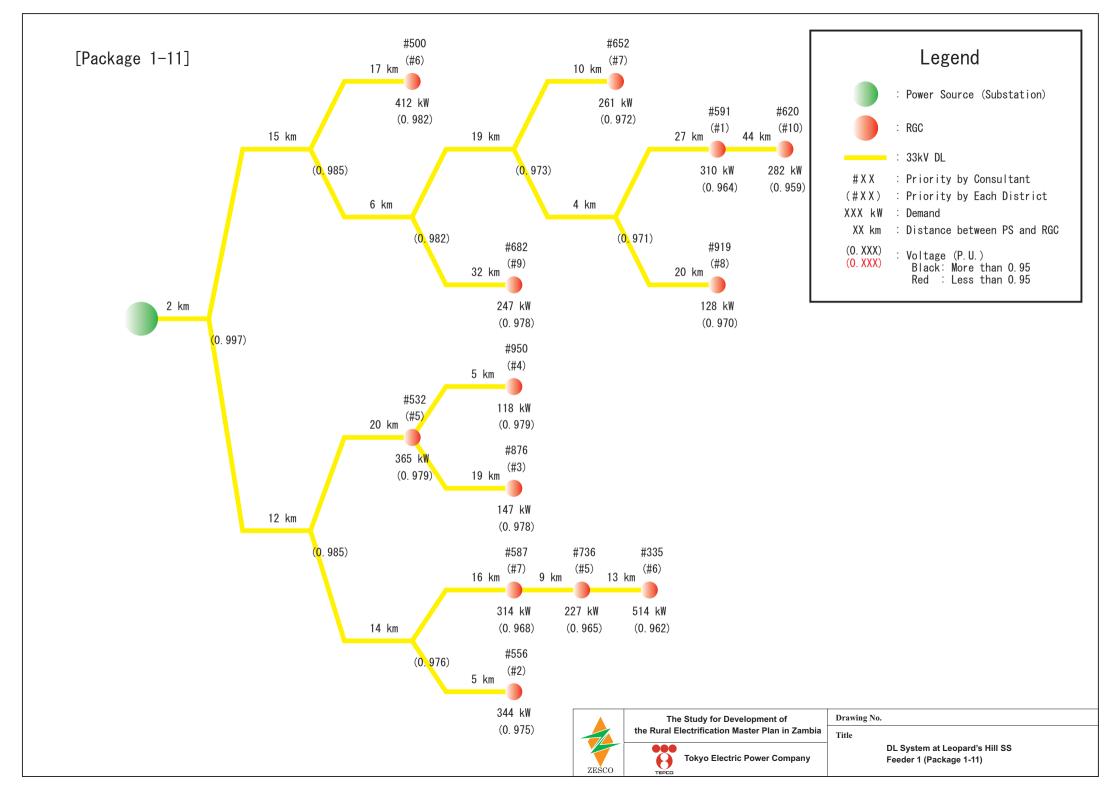


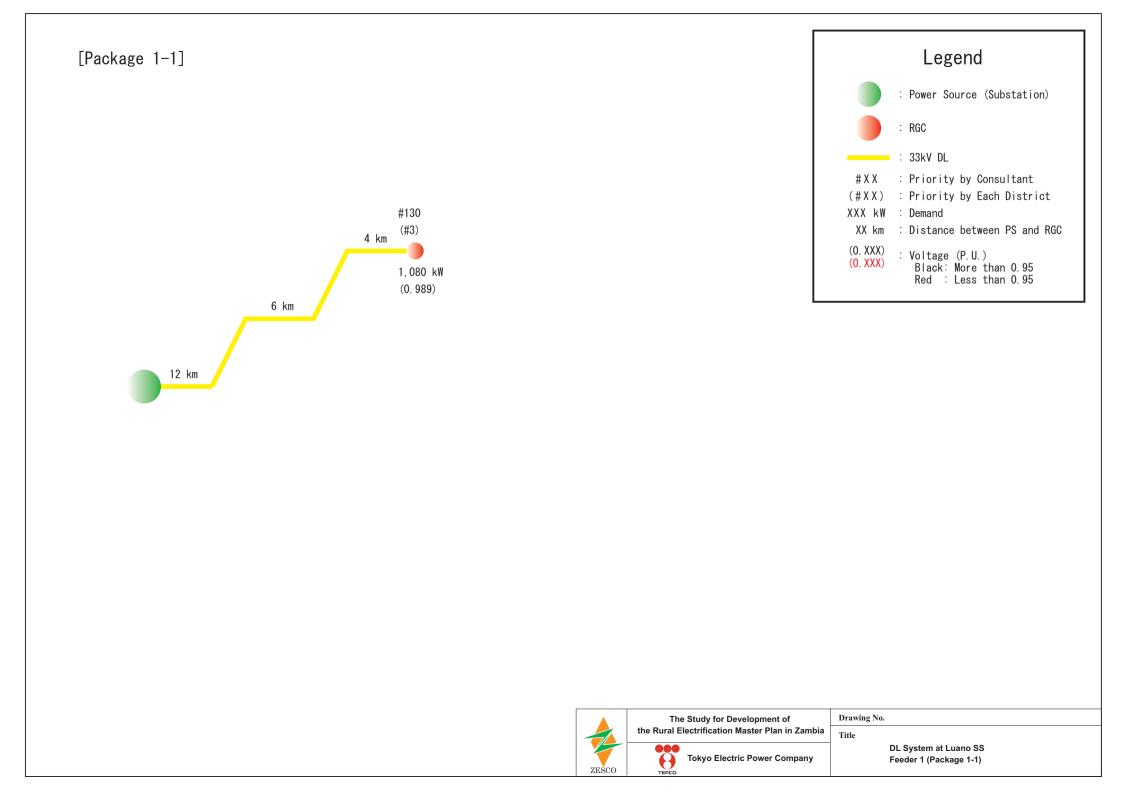


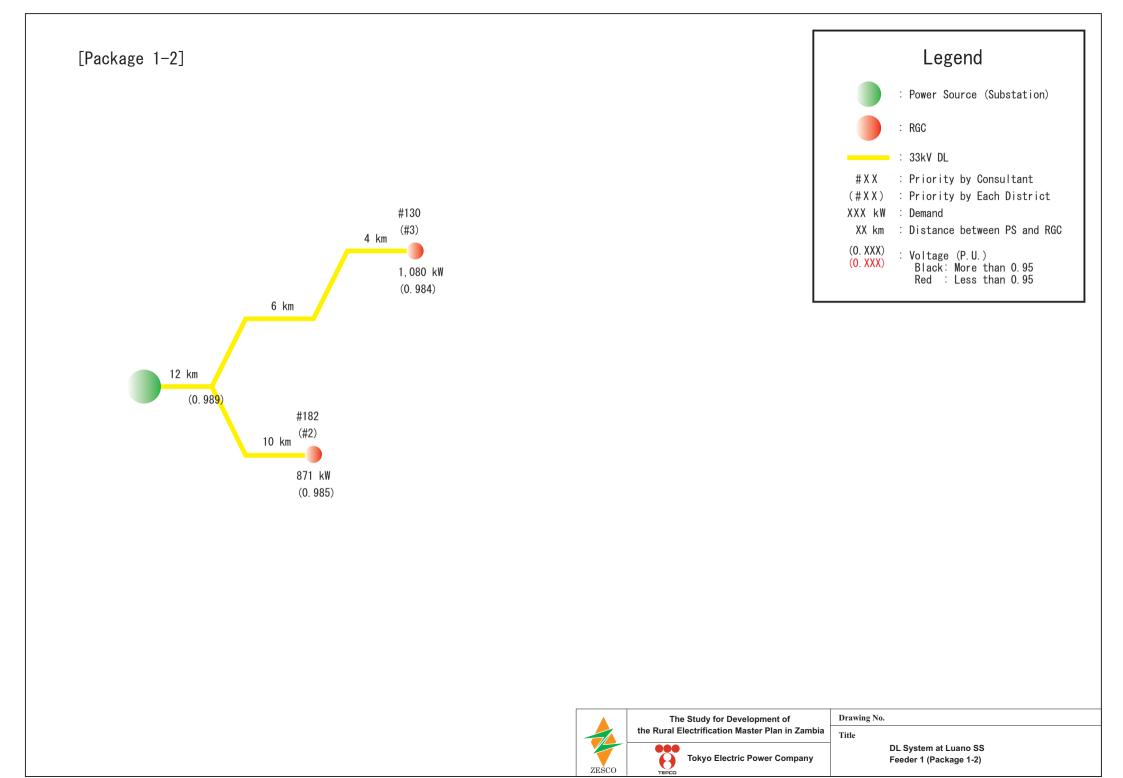


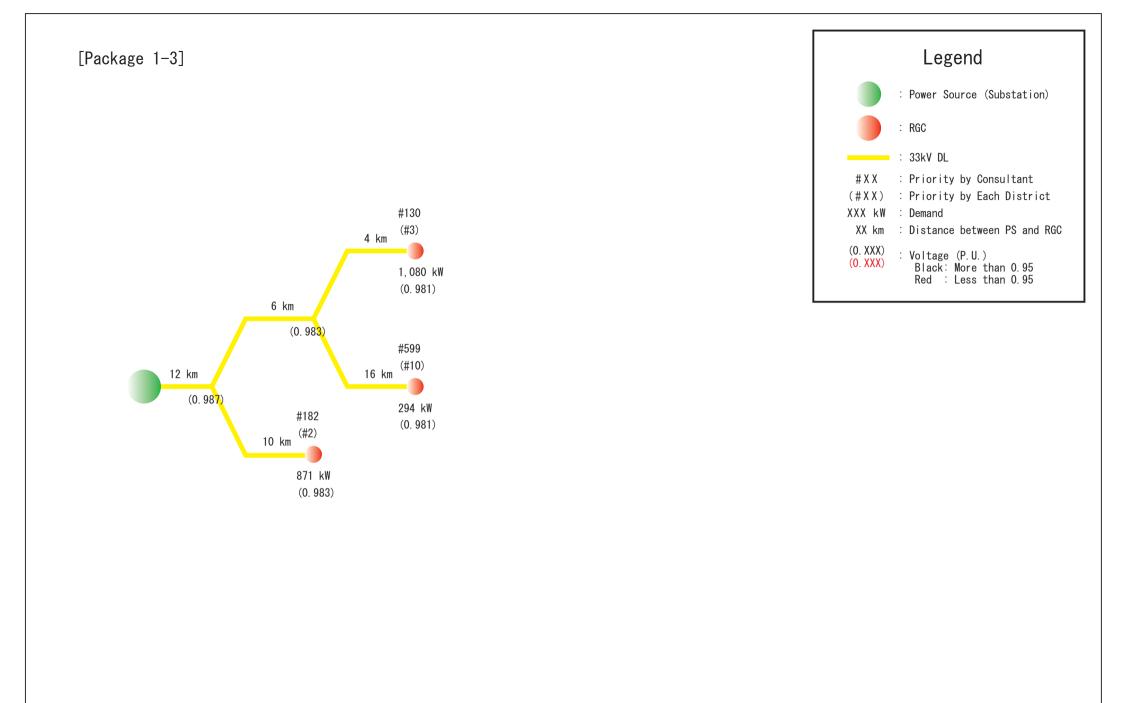








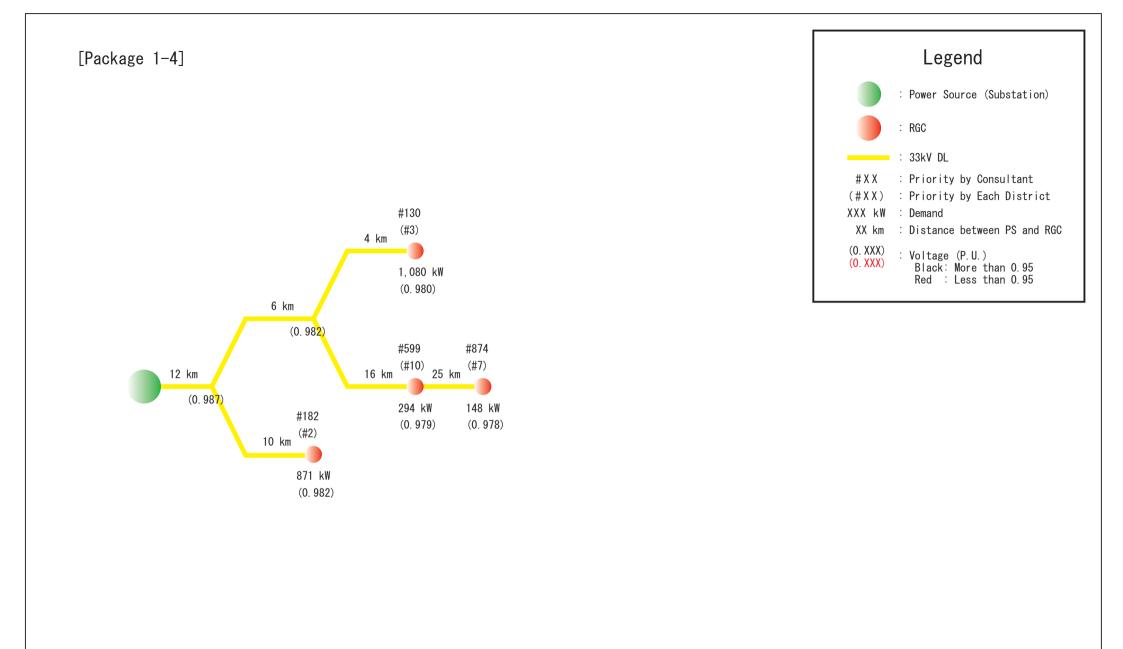




 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

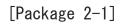
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 DL Sy Feeder

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

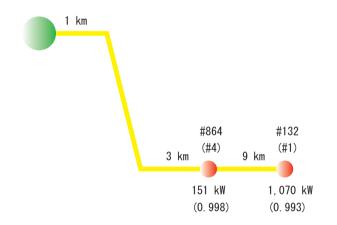




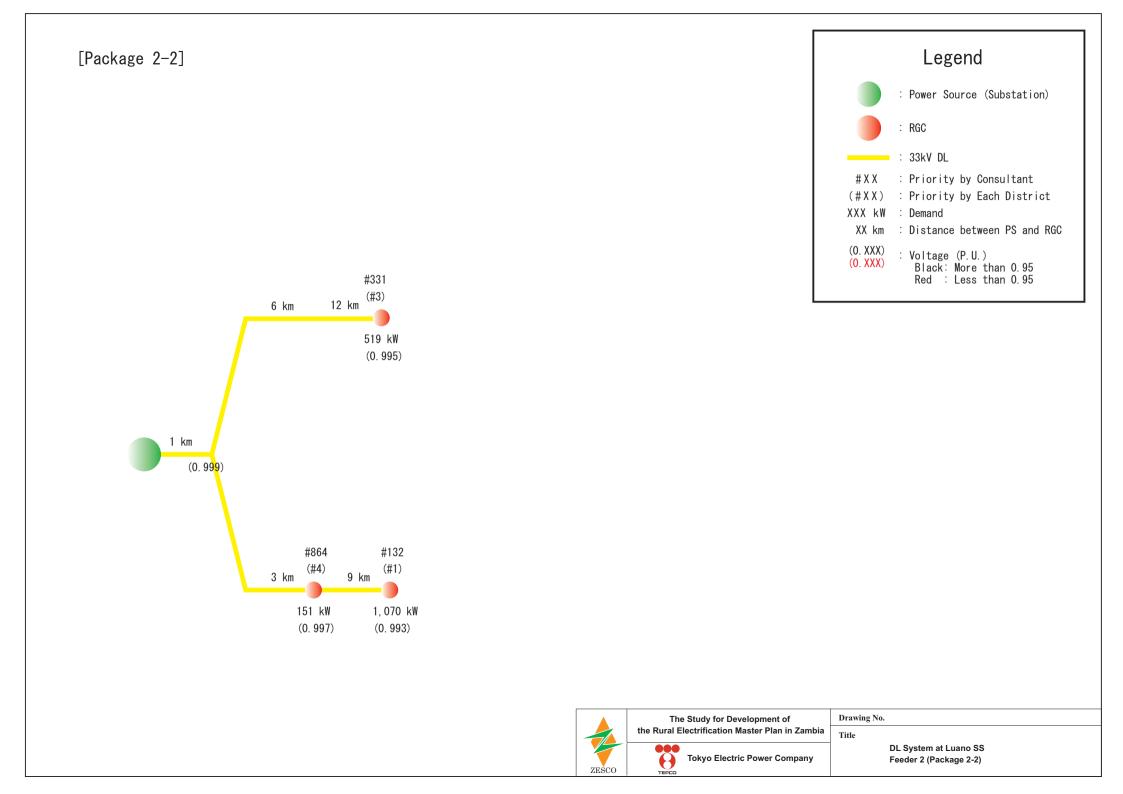
DL System at Luano SS Feeder 1 (Package 1-4)

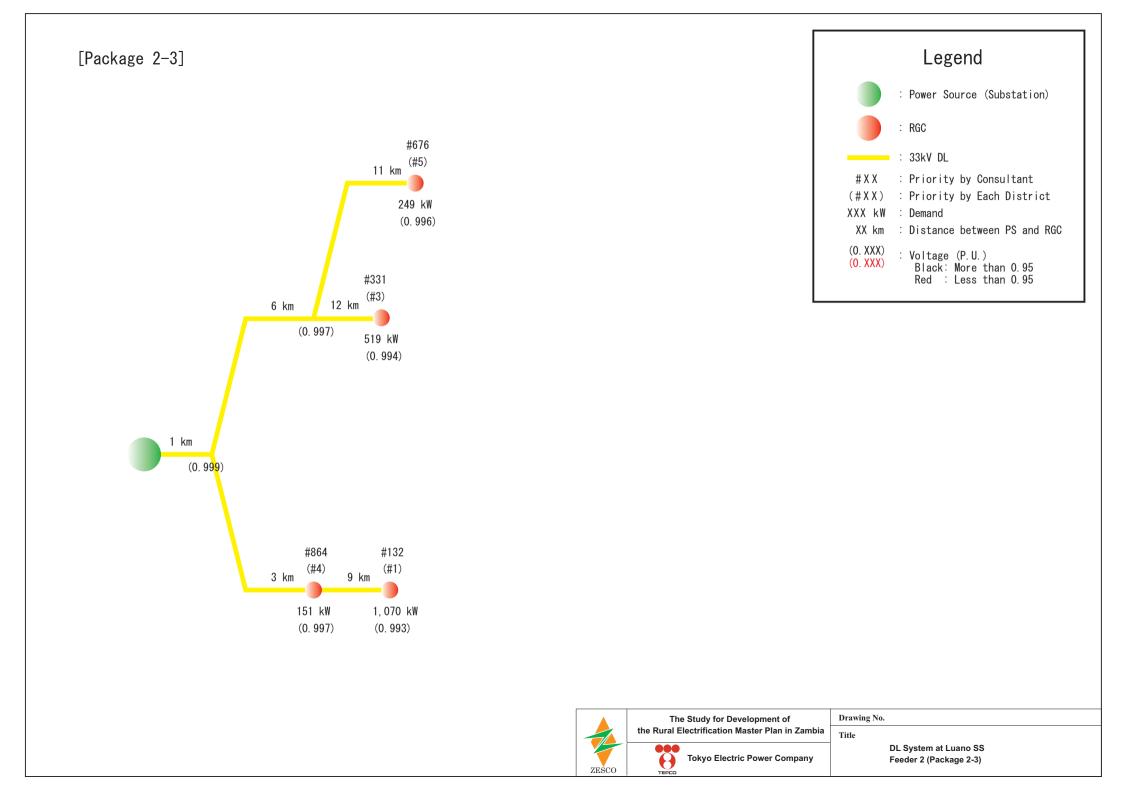


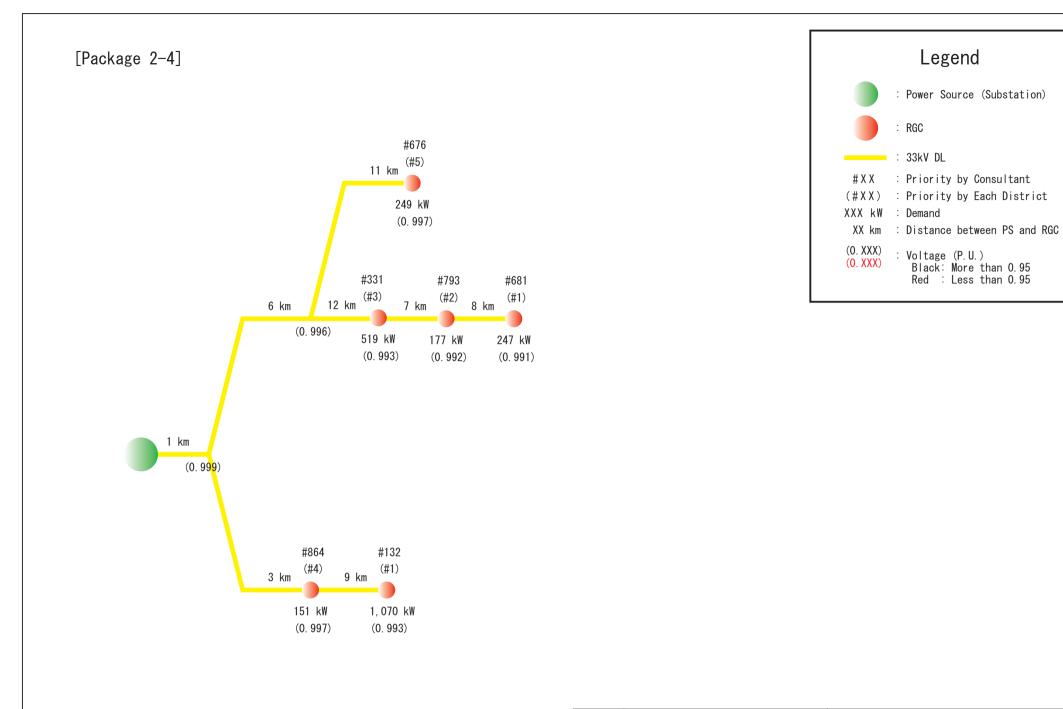
Legend		
	: Power Source (Substation)	
	RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	





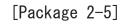




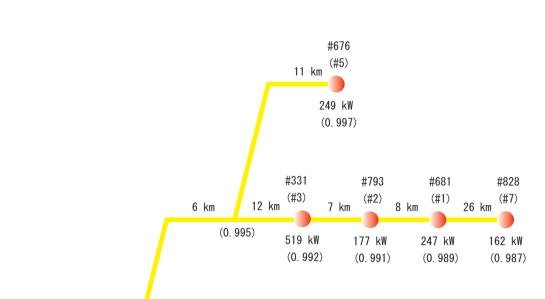




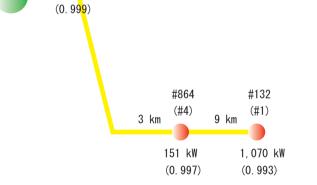
DL System at Luano SS Feeder 2 (Package 2-4)



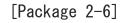
1 km

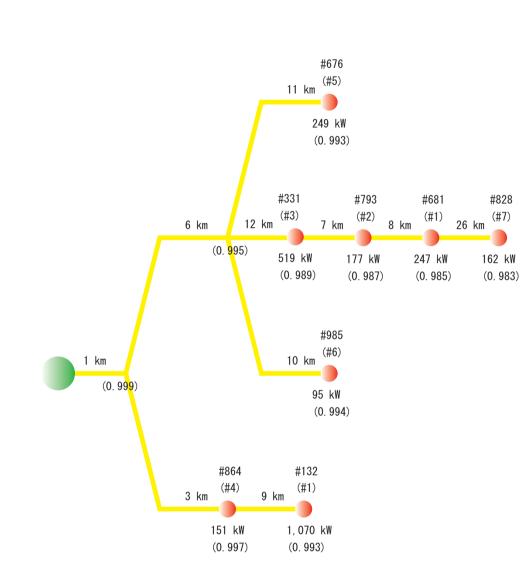


Legend		
	: Power Source (Substation)	
	: RGC	
<b>—</b>	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	









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	





#732

230 kW

(0.982)

12 km

(#20) 17 km

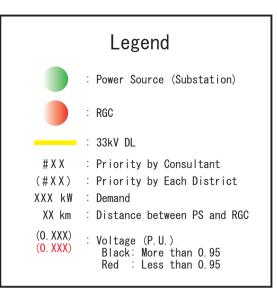
#234

(#13)

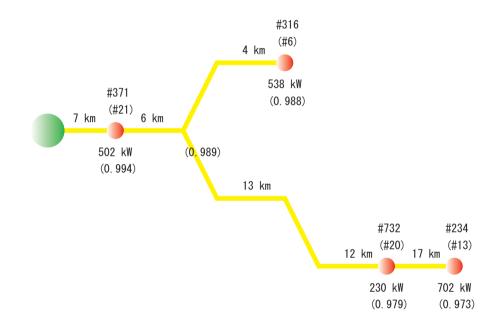
702 kW

(0.977)

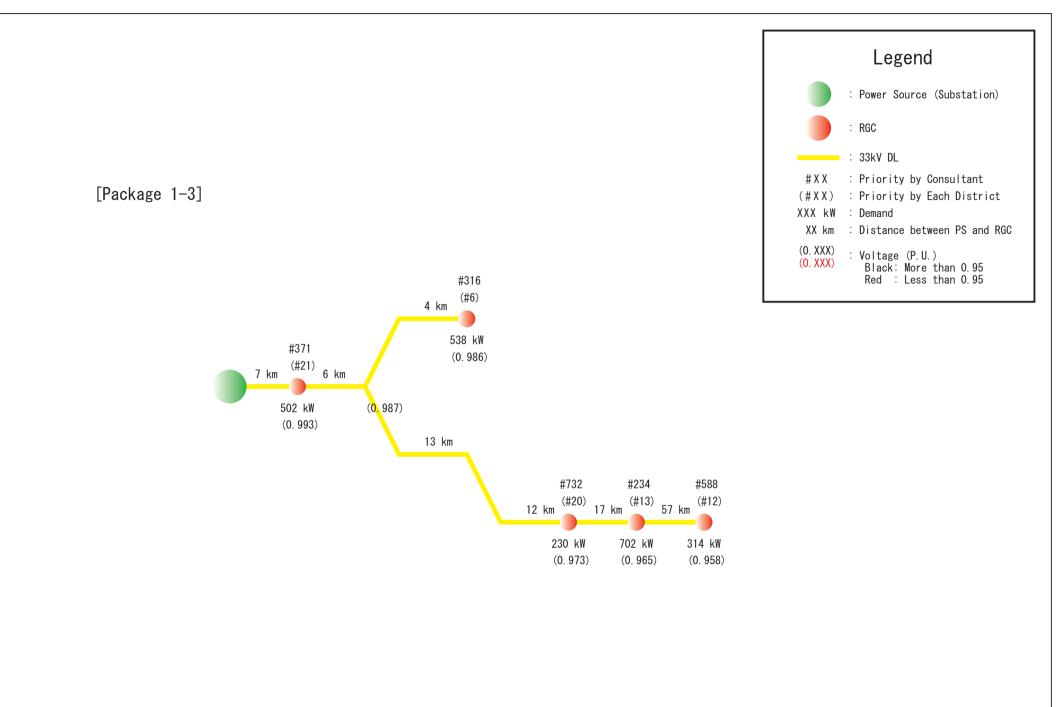




[Package 1-2]





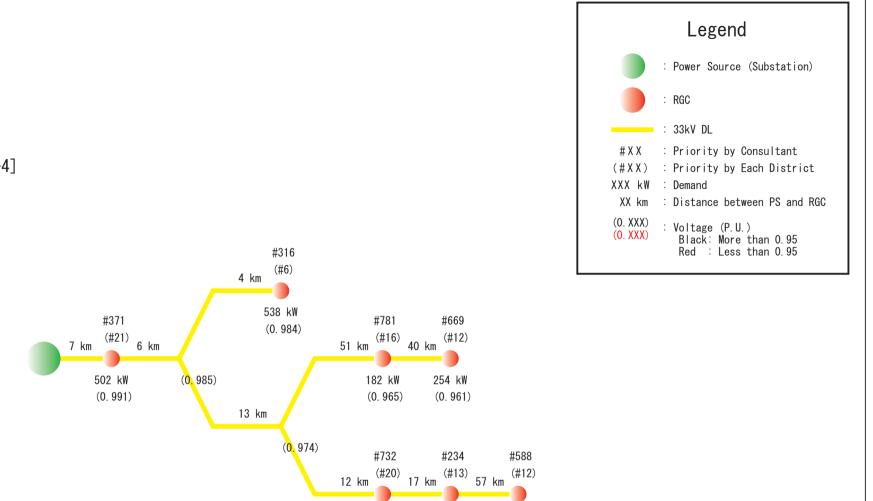


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

 Tokyo Electric Power Company
 Title

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



702 kW

(0.959)

230 kW

(0.967)

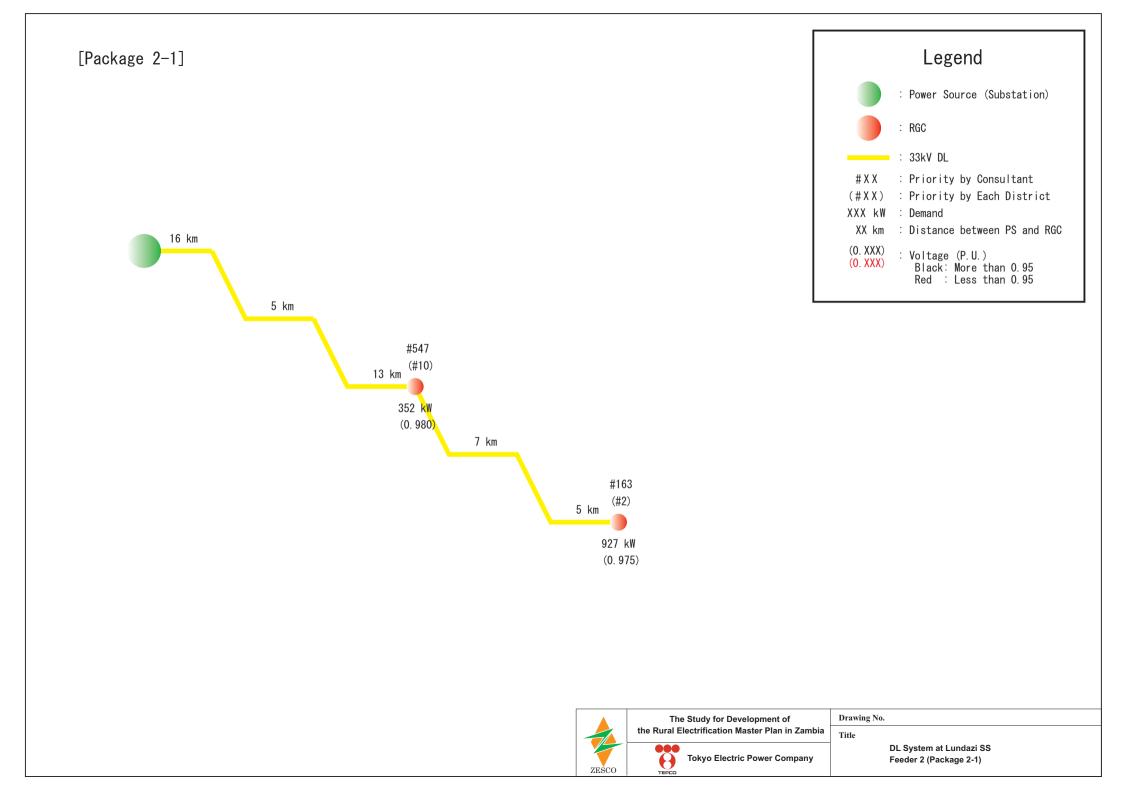
[Package 1-4]

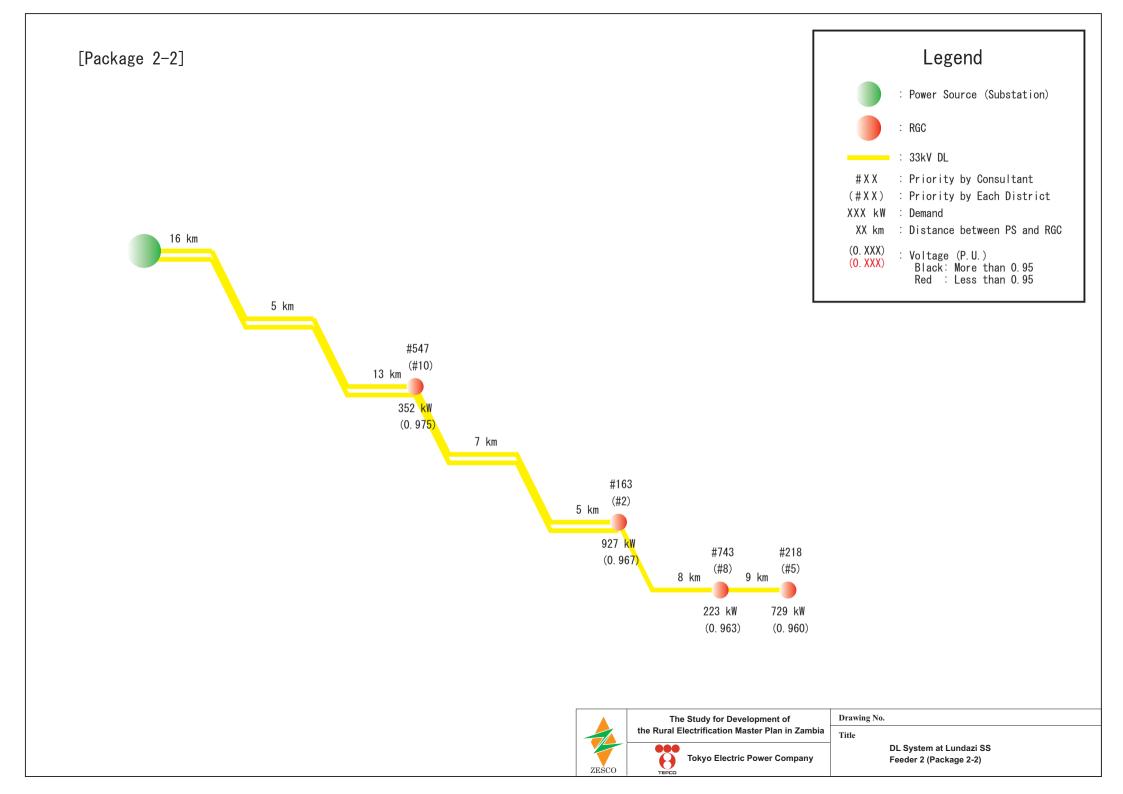


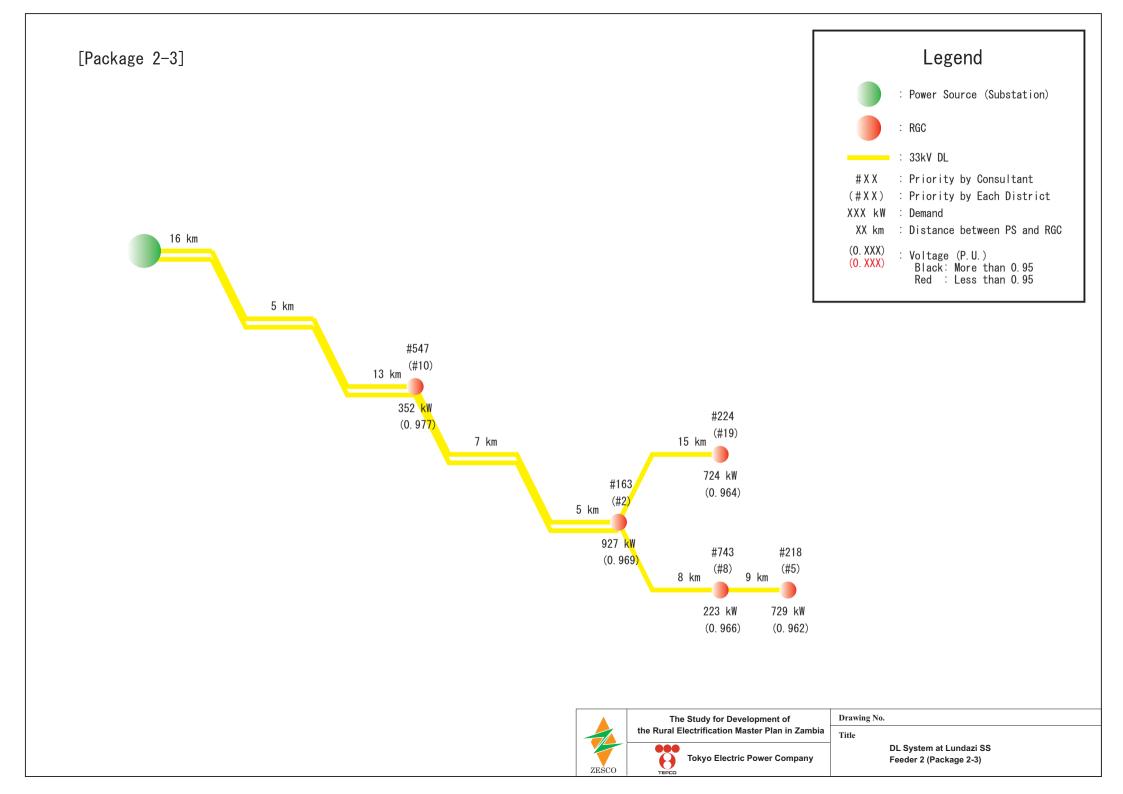
314 kW

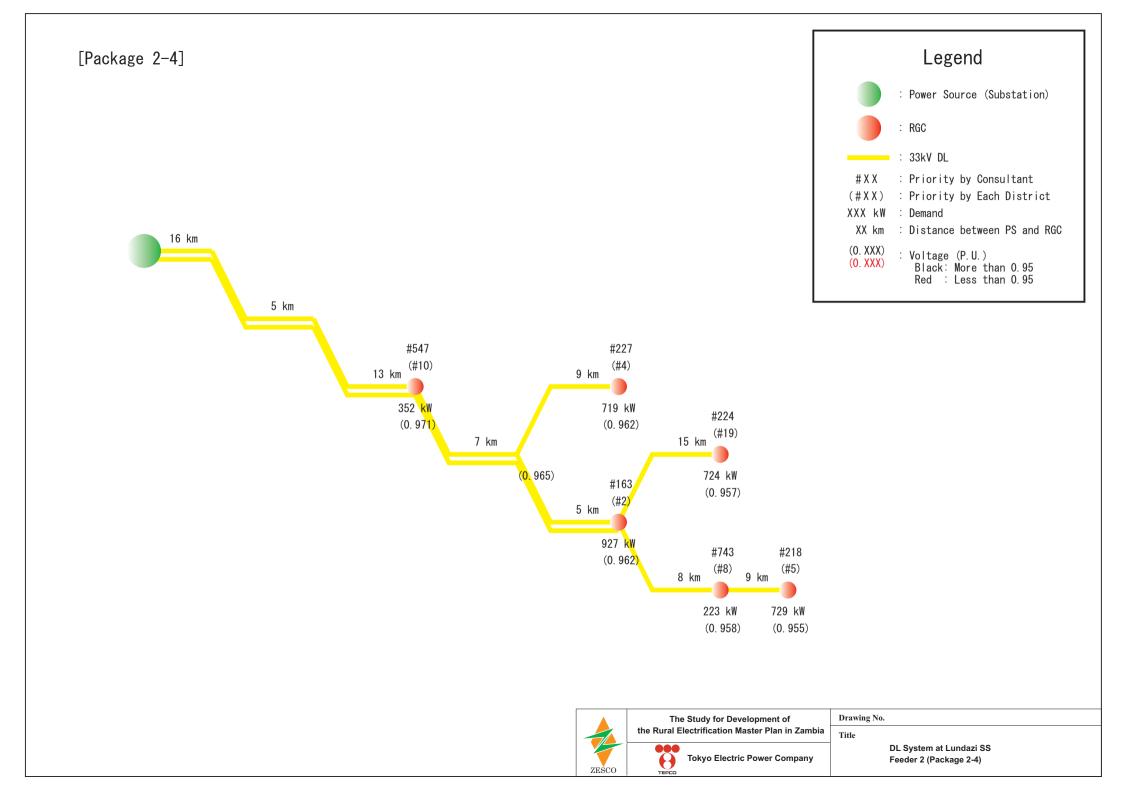
(0.952)

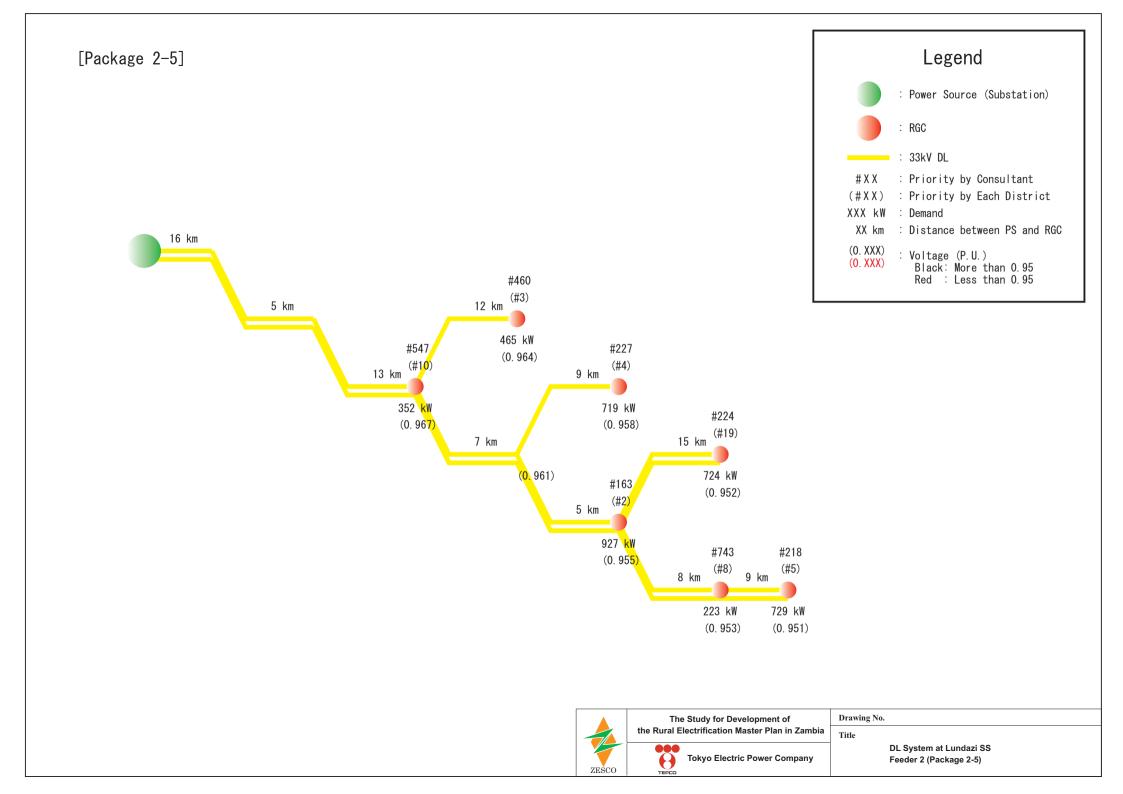
DL System at Lundazi SS Feeder 1 (Package 1-4)

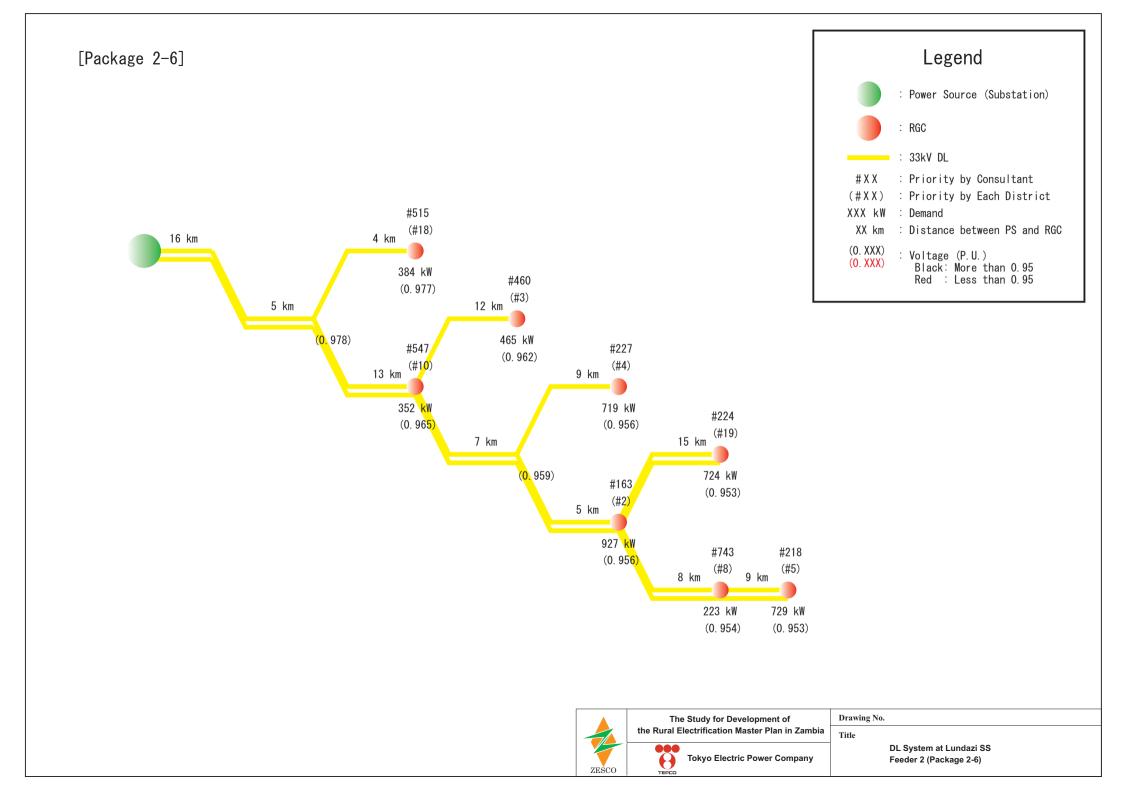


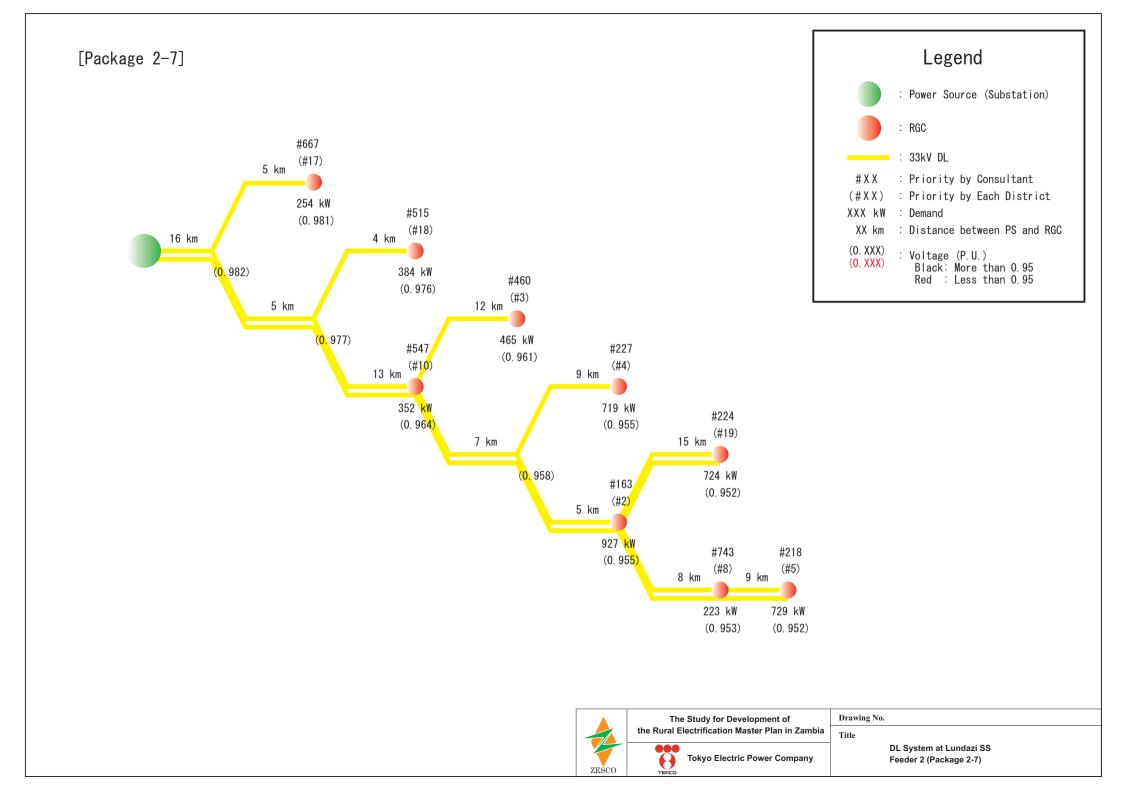




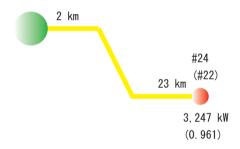








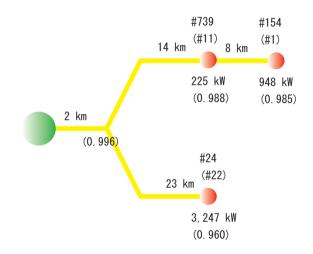




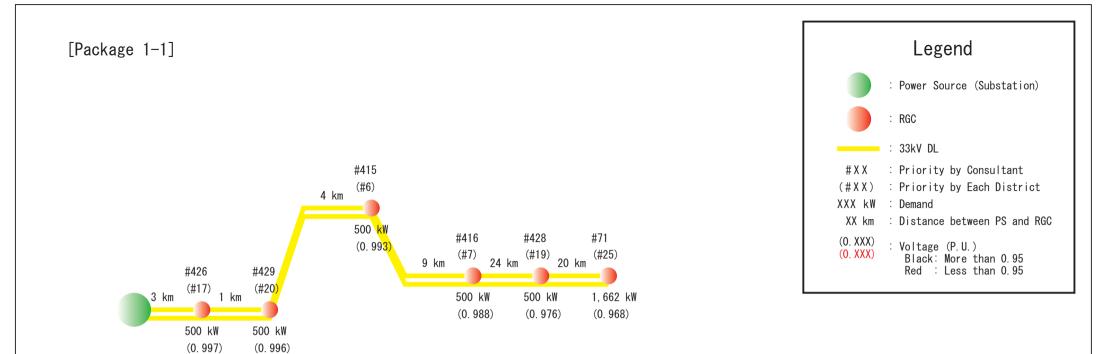


Legend		
	: Power Source (Substation)	
	RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

## [Package 3-2]

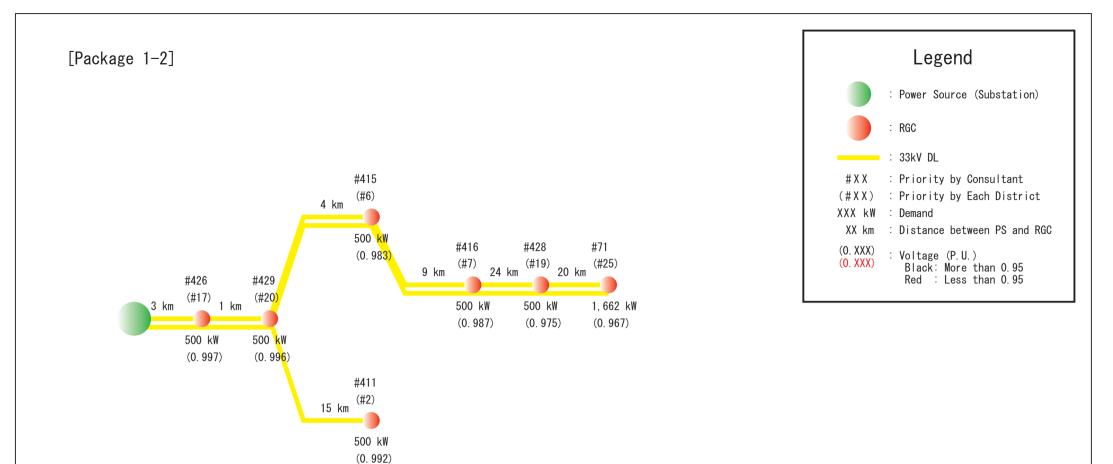


	The Study for Development of	Drawing No.	
	the Rural Electrification Master Plan in Zambia	Title	
ZESCO	Tokyo Electric Power Company	DL System at Lundazi SS Feeder 3 (Package 3-1)	



	The Study for Development of	Drawing No.	
		the Rural Electrification Master Plan in Zambia	Title
	ZESCO	Tokyo Electric Power Company	DL System at Lu Feeder 1 (Packa

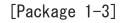
uwingu SS. age 1-1)

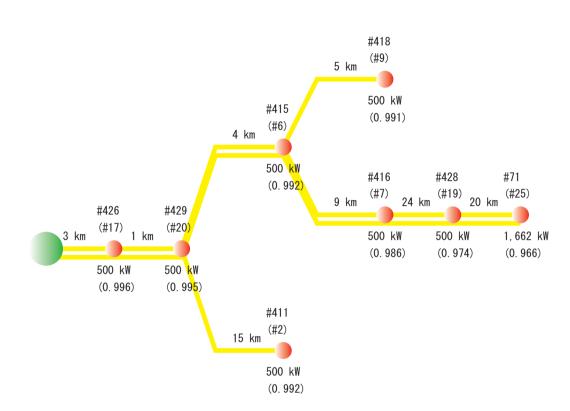


 
 The Study for Development of the Rural Electrification Master Plan in Zambia
 Drawing No.

 Title
 Title

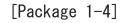
 DL System at Luwingu SS Feeder 1 (Package 1-2)

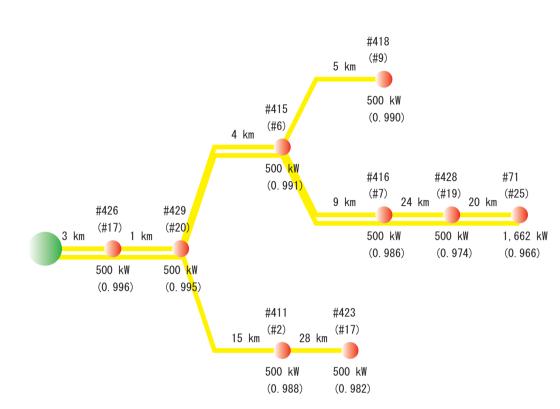




Legend		
	: Power Source (Substation)	
	: RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	



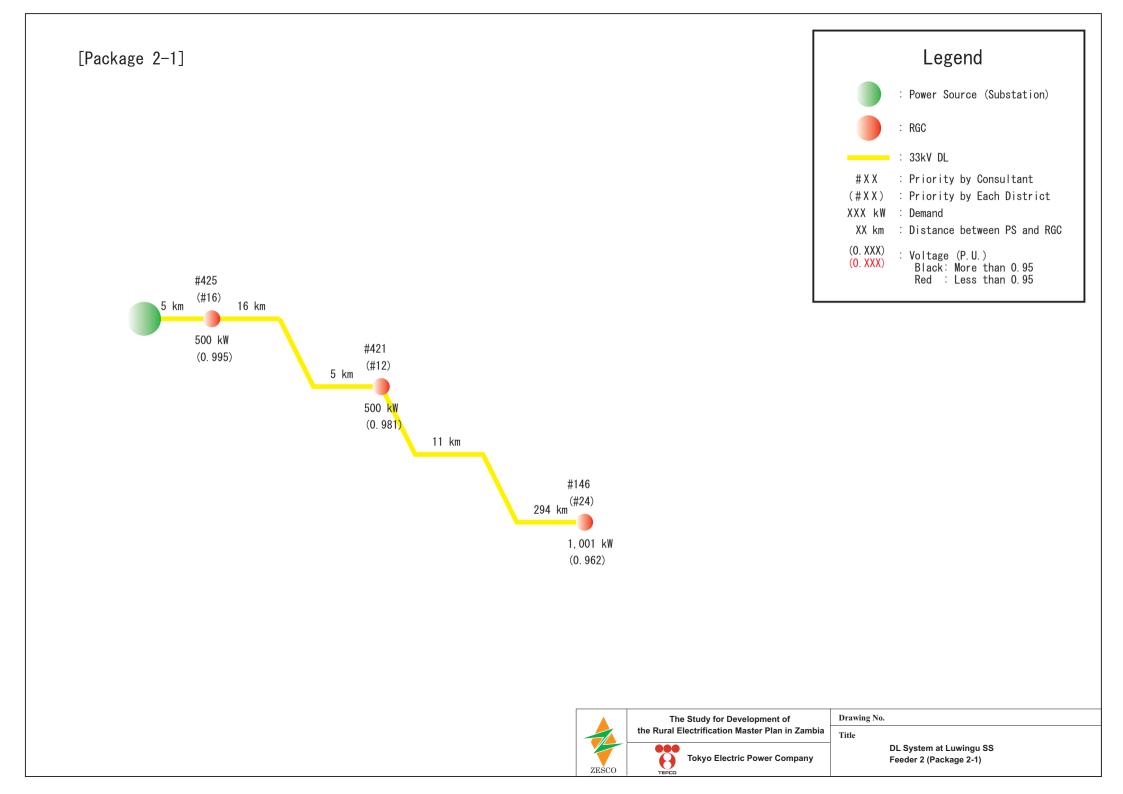


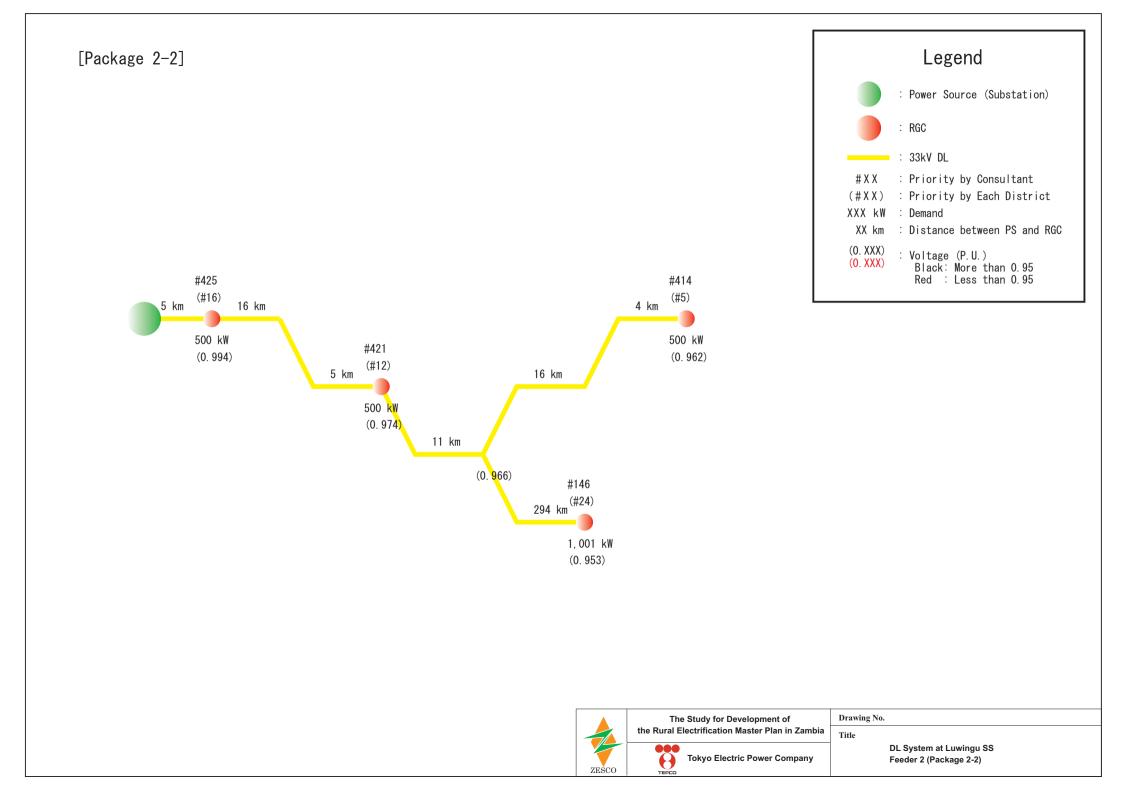


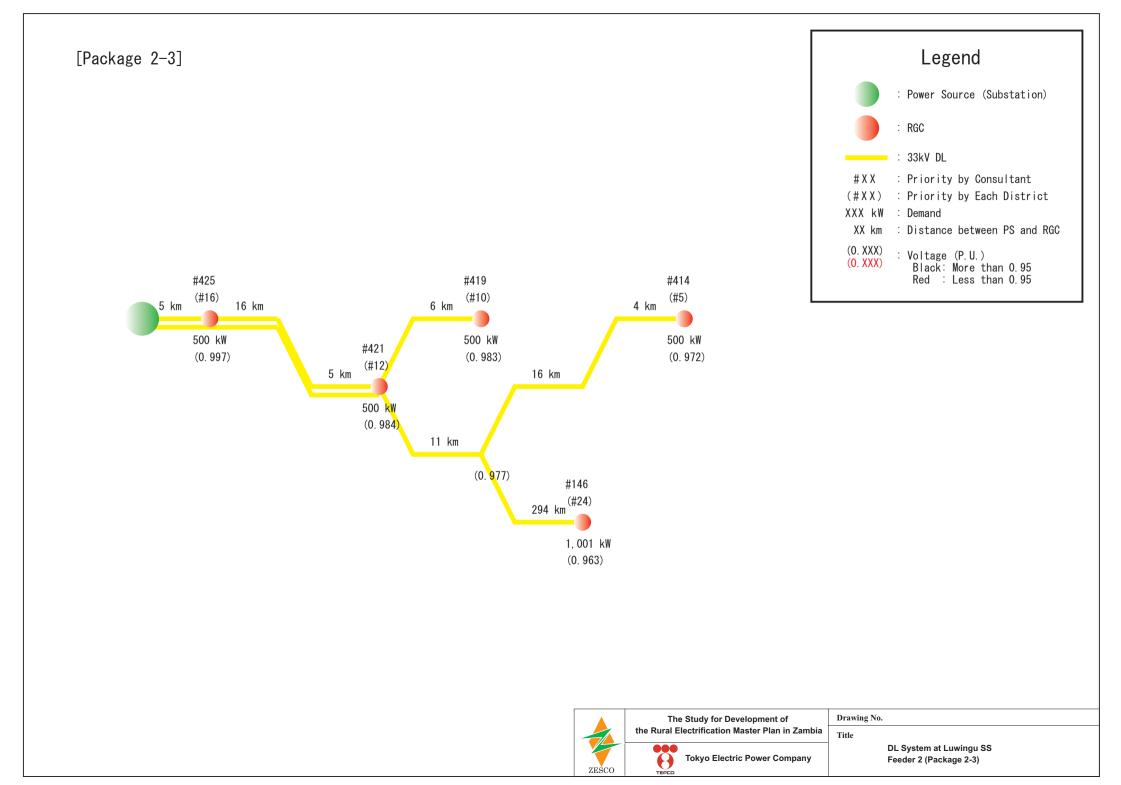
Legend		
	: Power Source (Substation)	
	RGC	
	: 33kV DL	
# X X	: Priority by Consultant	
(#XX)	: Priority by Each District	
XXX kW	: Demand	
XX km	: Distance between PS and RGC	
(0. XXX) (0. XXX)	: Voltage (P.U.) Black: More than 0.95 Red : Less than 0.95	

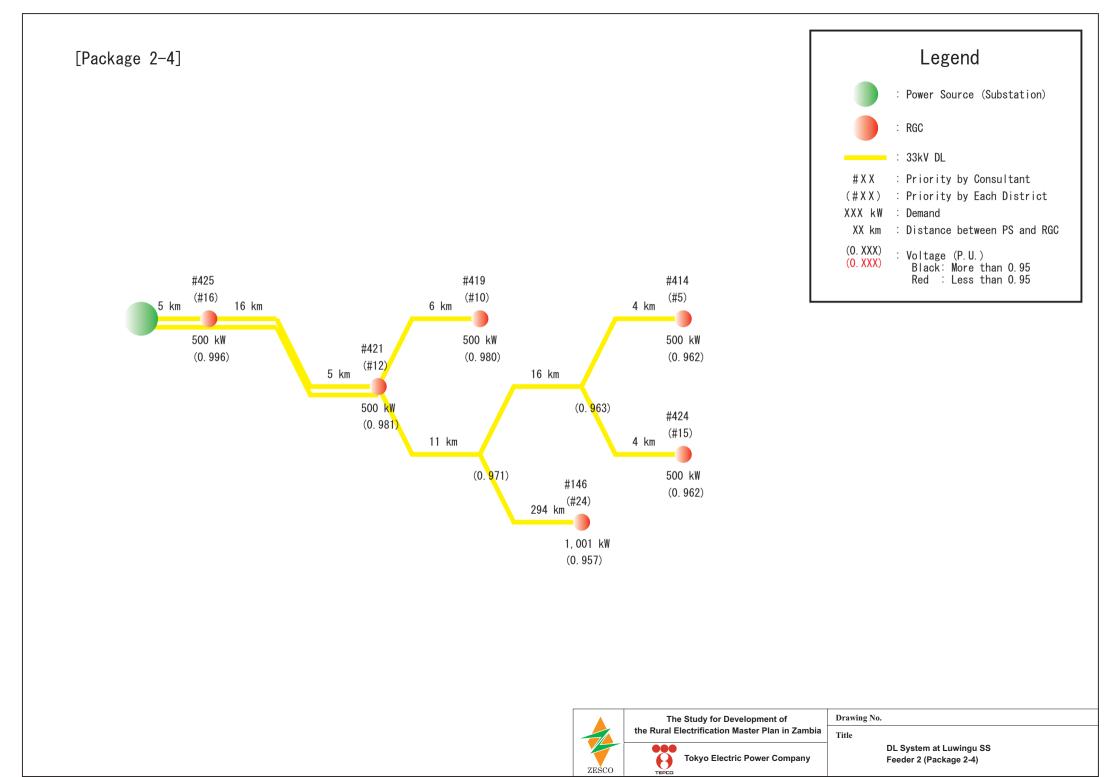


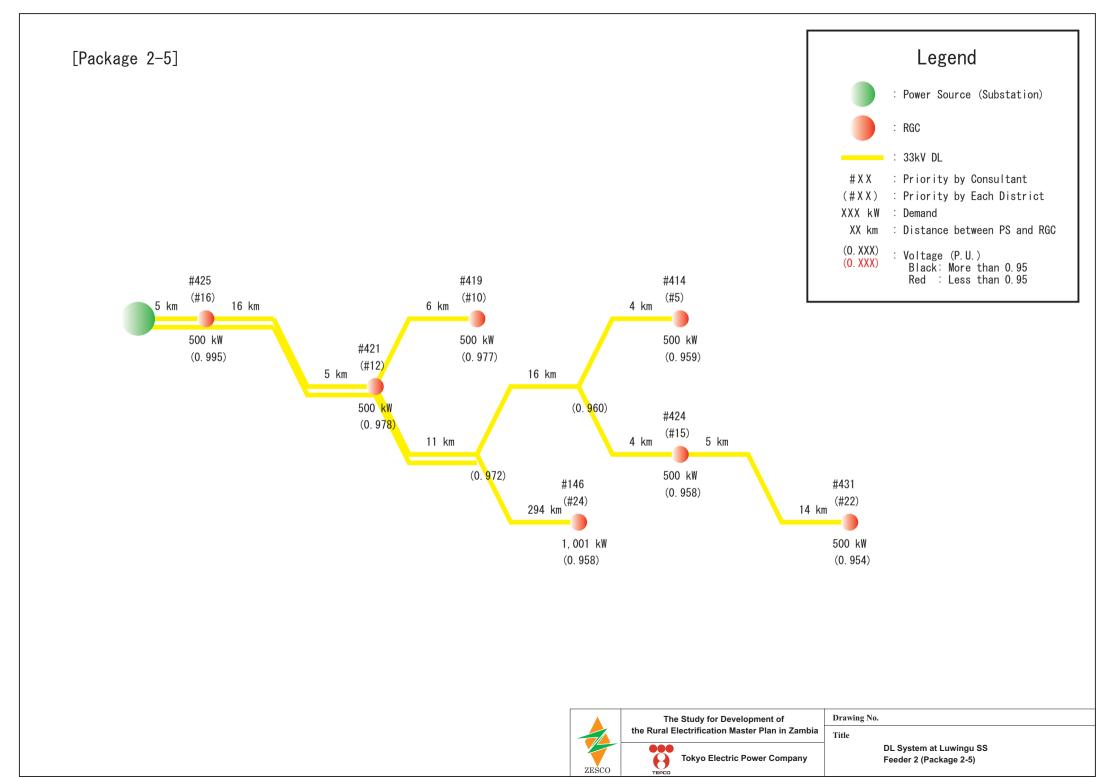
DL System at Luwingu SS Feeder 1 (Package 1-4)

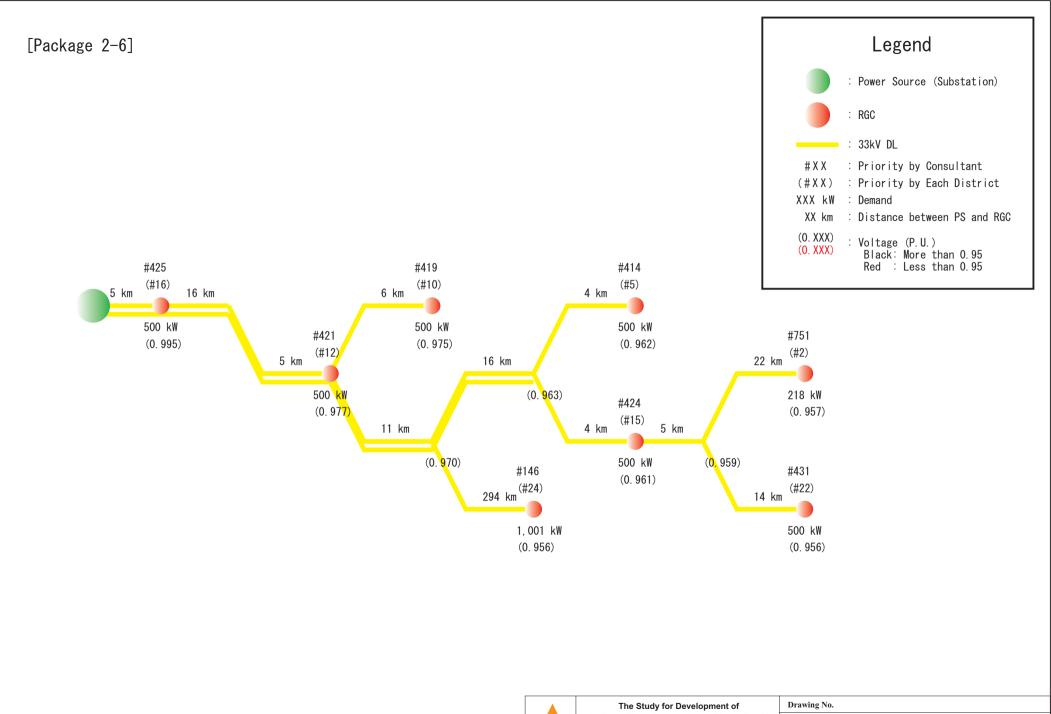












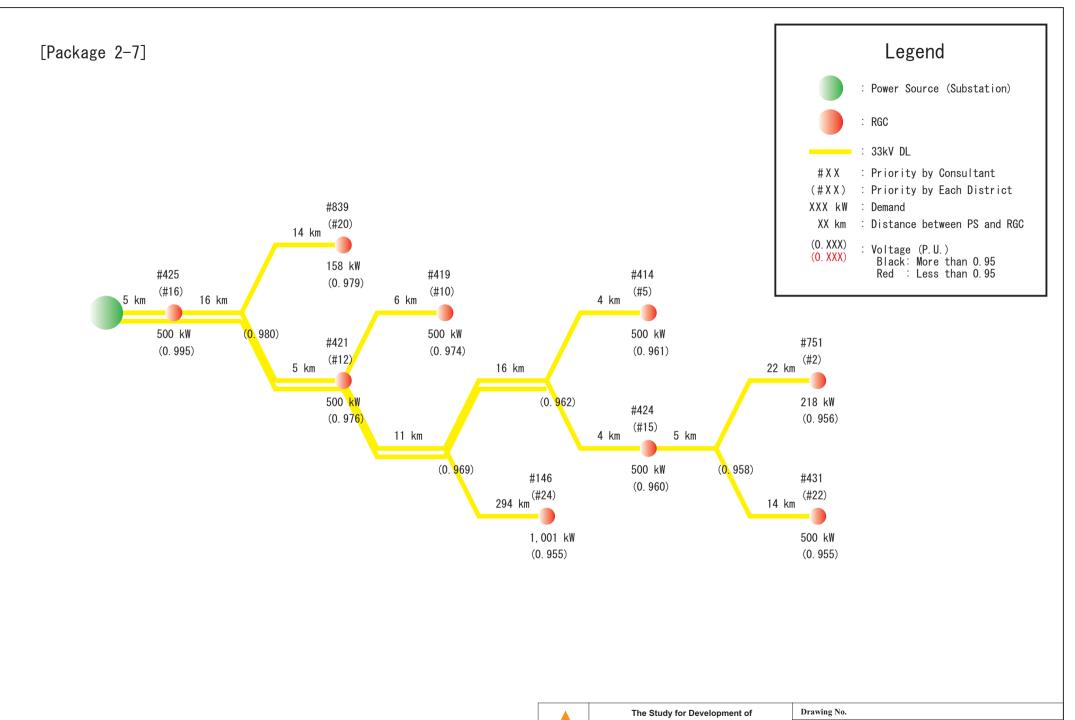
ZESCO

the Rural Electrification Master Plan in Zambia 

Tokyo Electric Power Company

Title

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



ZESCO

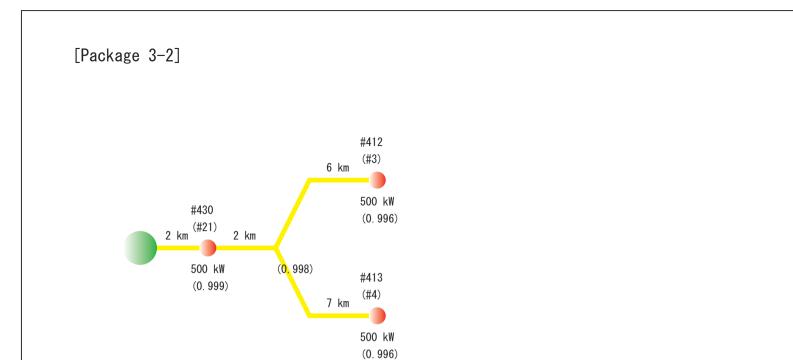
the Rural Electrification Master Plan in Zambia Title DL Syste Teeco Tokyo Electric Power Company Terco

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



	The Study for Development of	Drawing No.
	the Rural Electrification Master Plan in Zambia	Title
ZESCO	Tokyo Electric Power Company	DL System at Feeder 3 (Pao

t Luwingu SS ckage 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) : Voltage (P.U.) Black: More than 0.95 (0. XXX) Red : Less than 0.95



## DL System at Luwingu SS Feeder 3 (Package 3-2)



