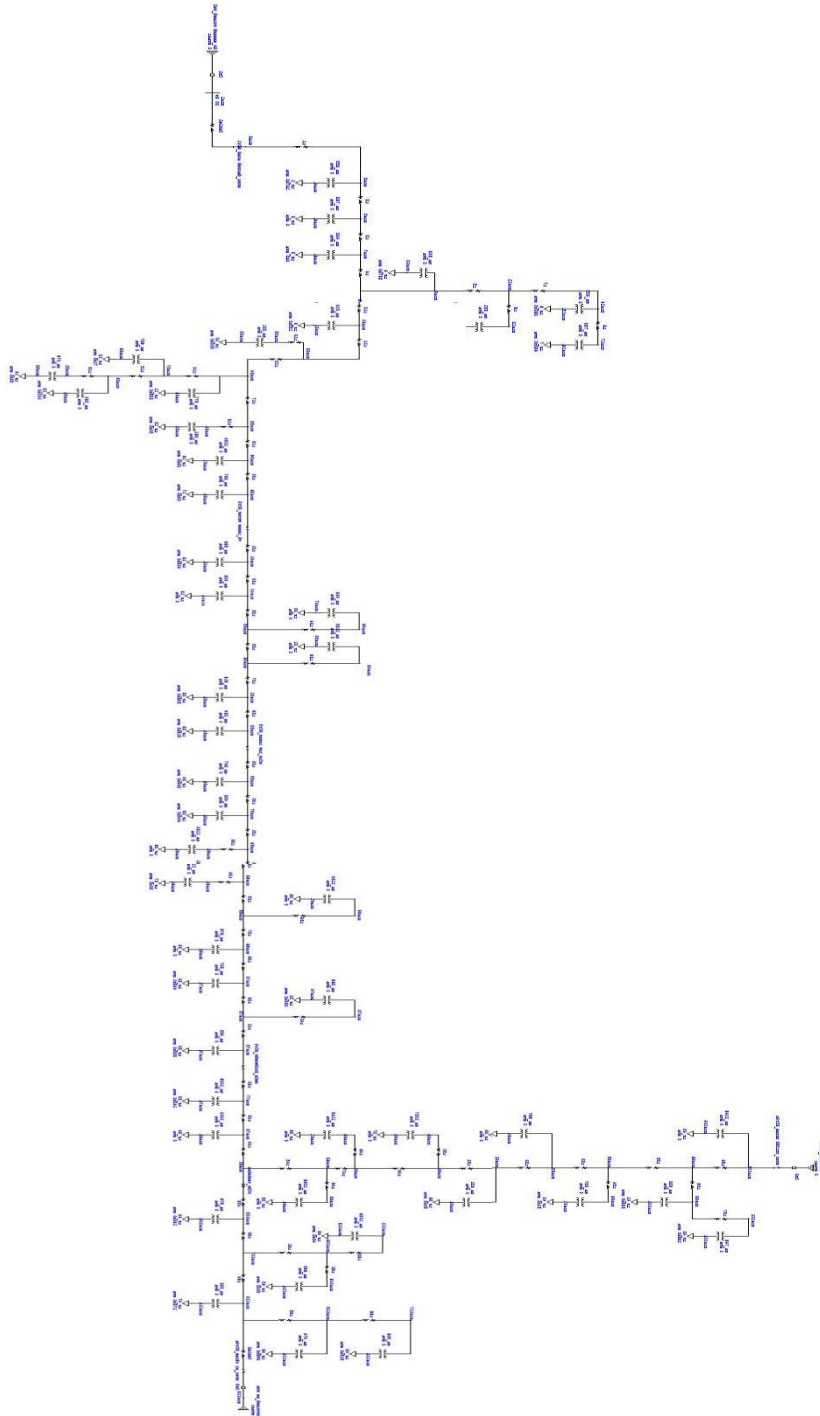


LAMPIRAN

SIMULASI ETAP 12.6.0 PENYULANG BOBOH

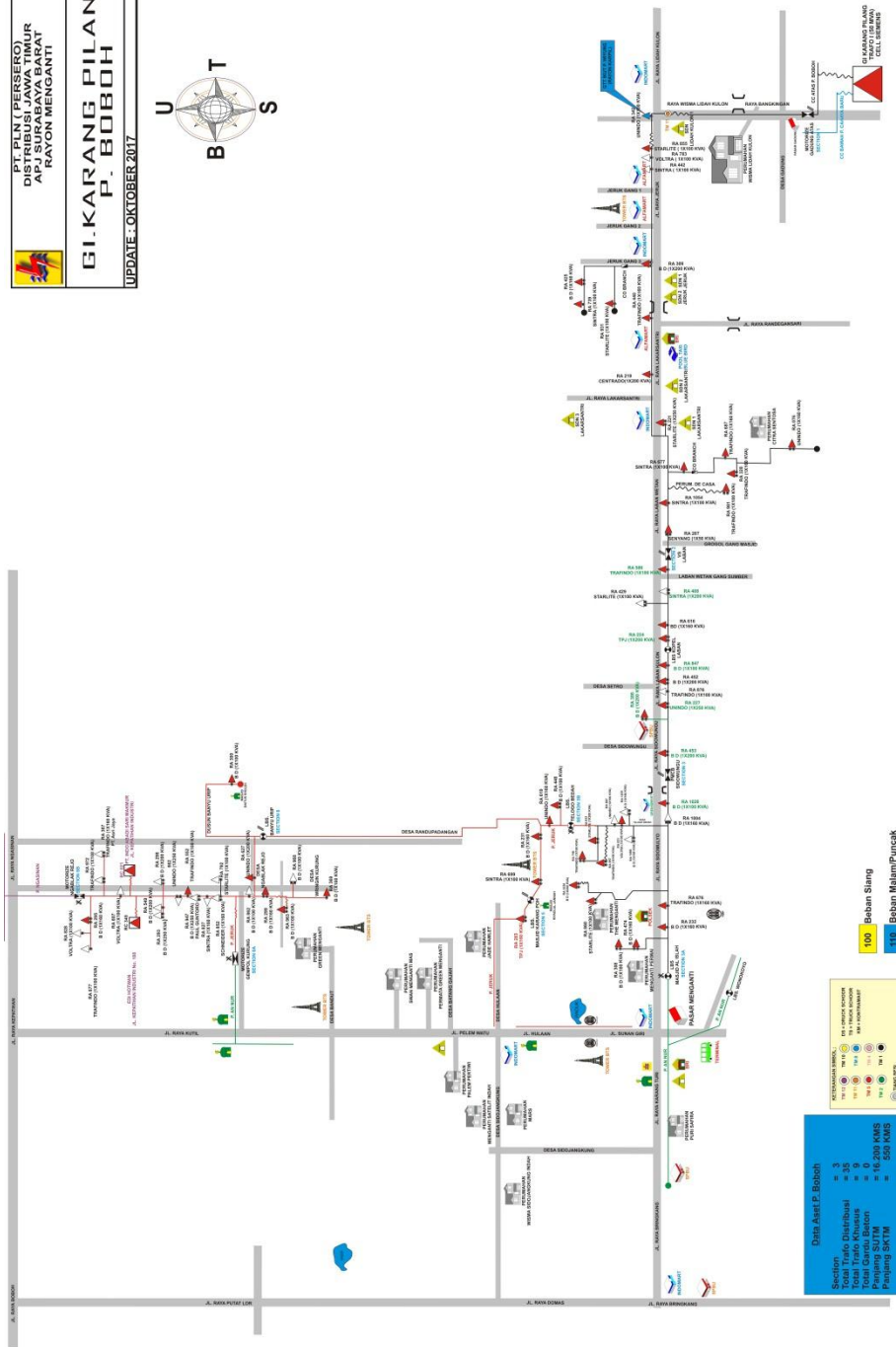
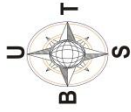


SINGLE LINE PENYULANG BOBOH

PT. PLAT (PERSERO)
DISTRIBUSI JAWA TIMUR
APJ SURABAYA BARAT
RAYON MEGANTI

**GI. KARANG PILANG
P. BOBOH**

UPDATE - OKTOBER 2017



Data Aset P. Boboh

Saluran	= 5
Total Trafo Distribusi	= 35
Total Trafo Ransur	= 9
Total Busbar	= 16.200 KMS
Penjangkang SUTM	= 550 KMS

100 Beban Stang

110 Beban Malam/Puncak

Project:	ETAP	Page:	1
Location:	12.6.0H	Date:	10-06-2020
Contract:		SN:	
Engineer:	Study Case: RA	Revision:	Base
Filename:	Penyulang Boboh	Config.:	Normal

SUMMARY

System Indexes

SAIFI	3.5050 f / customer.yr
SAIDI	4.1436 hr / customer.yr
CAIDI	1.182 hr / customer interruption
ASAI	0.9995 pu
ASUI	0.00047 pu
EENS	0.000 MW hr / yr
ECOST	0.00 \$ / yr
AENS	0.0000 MW hr / customer.yr
IEAR	0.000 \$ / kW hr

SAIFI	System Average Interruption Frequency Index
SAIDI	System Average Interruption Duration Index
CAIDI	Customer Average Interruption Duration Index
ASAI	Average service Availability Index
ASUI	Average Service Unavailability Index
EENS	Expected Energy Not Supplied
ECOST	Expected Interruption Cost
AENS	Average Energy Not Supplied
IEAR	Interruption Energy Assessment Rate

Project:	ETAP	Page:	1
Location:	12.6.0H	Date:	10-06-2020
Contract:		SN:	
Engineer:	Study Case: RA	Revision:	Base
Filename:	Boboh Rekonfigurasi	Config.:	Normal

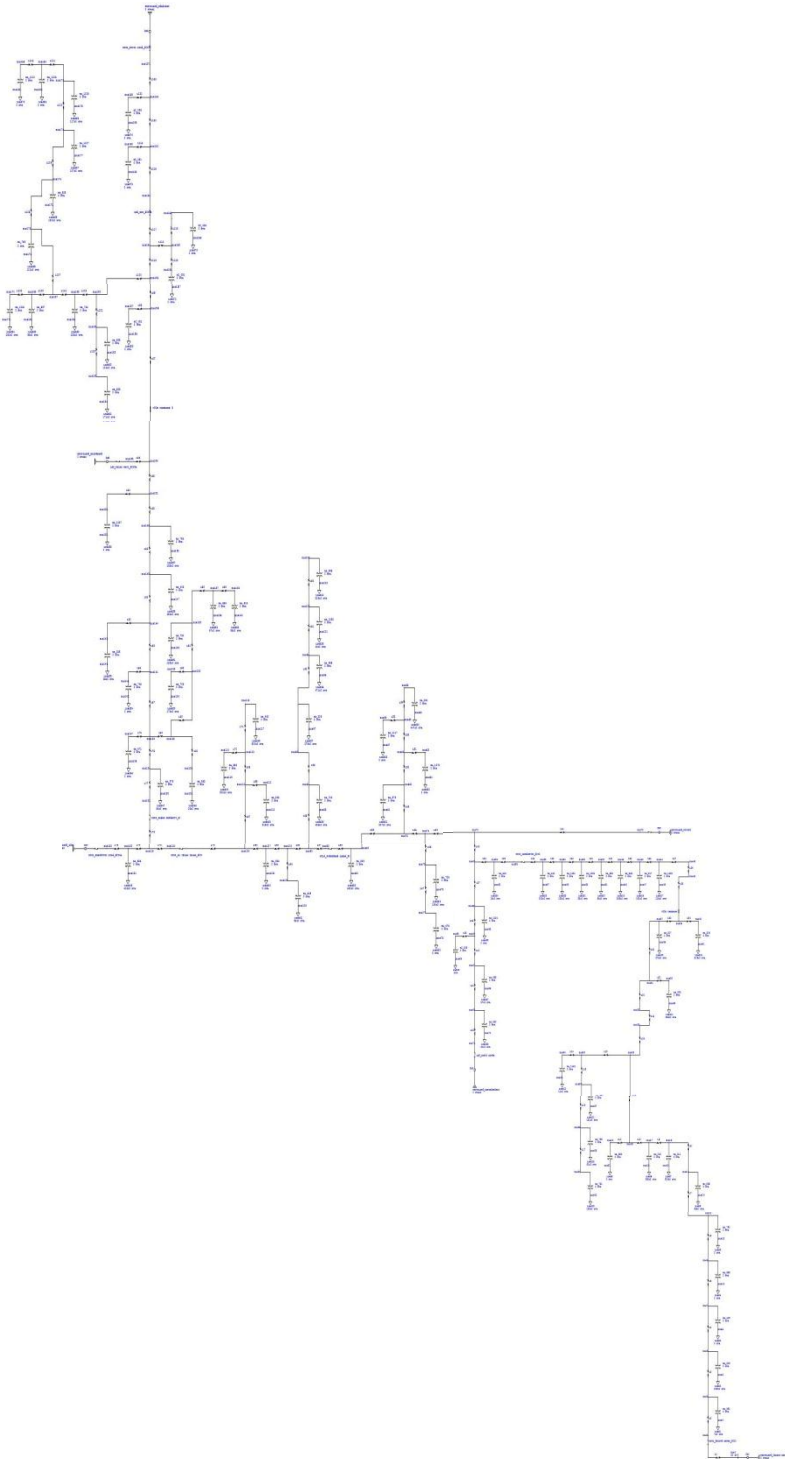
SUMMARY

System Indexes

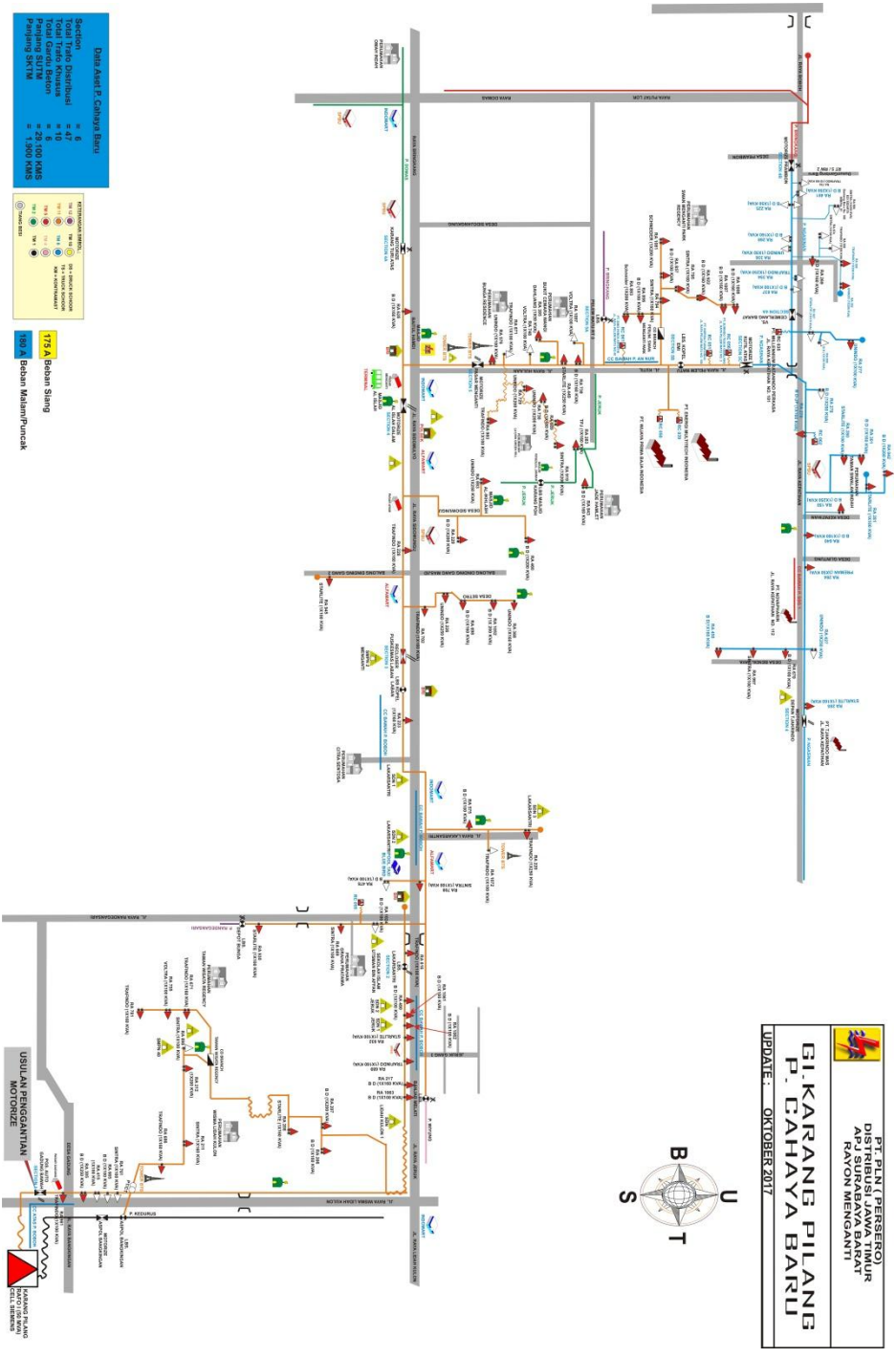
SAIFI	2.7747 f / customer.yr
SAIDI	3.6955 hr / customer.yr
CAIDI	1.332 hr / customer interruption
ASAI	0.9996 pu
ASUI	0.00042 pu
EENS	0.000 MW hr / yr
ECOST	0.00 \$ / yr
AENS	0.0000 MW hr / customer.yr
IEAR	0.000 \$ / kW hr

SAIFI	System Average Interruption Frequency Index
SAIDI	System Average Interruption Duration Index
CAIDI	Customer Average Interruption Duration Index
ASAI	Average service Availability Index
ASUI	Average Service Unavailability Index
EENS	Expected Energy Not Supplied
ECOST	Expected Interruption Cost
AENS	Average Energy Not Supplied
IEAR	Interruption Energy Assessment Rate

SIMULASI ETAP 12.6.0 PENYULANG CAHAYA BARU



SINGLE LINE PENYULANG CAHAYA BARU



Data Aset P. Cahaya Baru

Stasiun: 6
 Total Turas Distribusi: 47
 Total Turas Transmisi: 15
 Panjang SUTM: 23.100 MMS
 Panjang SUTM: 1.500 MMS



175A Beban Sling
 Beban Malar/Puncak

PT. PLN (PERSERO)
 DISTRIKUSI JAWA TIMUR
 RAYON MEGANGATI

G. KARANG PILANG
P. CAHAYA BARU

UPDATE: OKTOBER 2017



Project:	ETAP	Page:	1
Location:	12.6.0H	Date:	10-06-2020
Contract:		SN:	
Engineer:		Revision:	Base
Filename:	Penyulang Cahaya Baru	Config.:	Normal

SUMMARY

System Indexes

SAIFI	5.9040 f / customer.yr
SAIDI	5.2212 hr / customer.yr
CAIDI	0.884 hr / customer interruption
ASAI	0.9994 pu
ASUI	0.00060 pu
EENS	0.000 MW hr / yr
ECOST	0.00 \$ / yr
AENS	0.0000 MW hr / customer.yr
IEAR	0.000 \$ / kW hr

SAIFI	System Average Interruption Frequency Index
SAIDI	System Average Interruption Duration Index
CAIDI	Customer Average Interruption Duration Index
ASAI	Average service Availability Index
ASUI	Average Service Unavailability Index
EENS	Expected Energy Not Supplied
ECOST	Expected Interruption Cost
AENS	Average Energy Not Supplied
IEAR	Interruption Energy Assessment Rate

Project: **ETAP** Page: 1
Location: 12.6.0H Date: 10-06-2020
Contract: SN:
Engineer: Study Case: RA Revision: Base
Filename: Cahaya Baru Rekonfigurasi Config.: Normal

SUMMARY

System Indexes

SAIFI	3.1524 f / customer.yr
SAIDI	3.5078 hr / customer.yr
CAIDI	1.113 hr / customer interruption
ASAI	0.9996 pu
ASUI	0.00040 pu
EENS	0.000 MW hr / yr
ECOST	0.00 \$ / yr
AENS	0.0000 MW hr / customer.yr
IEAR	0.000 \$ / kW hr

SAIFI	System Average Interruption Frequency Index
SAIDI	System Average Interruption Duration Index
CAIDI	Customer Average Interruption Duration Index
ASAI	Average service Availability Index
ASUI	Average Service Unavailability Index
EENS	Expected Energy Not Supplied
ECOST	Expected Interruption Cost
AENS	Average Energy Not Supplied
IEAR	Interruption Energy Assessment Rate

SIMULASI ETAP 12.6.0 PENYULANG JERUK



SINGLE LINE PENYULANG JERUK

PT. PLN (PERSERO)
 PT. PLN (PERSERO) PABRIK LISTRIK JERUK
 DIVISI PERENCANAAN DAN KONSTRUKSI
 BAYAN MINDAHATI

BI. ALTA PRIMA

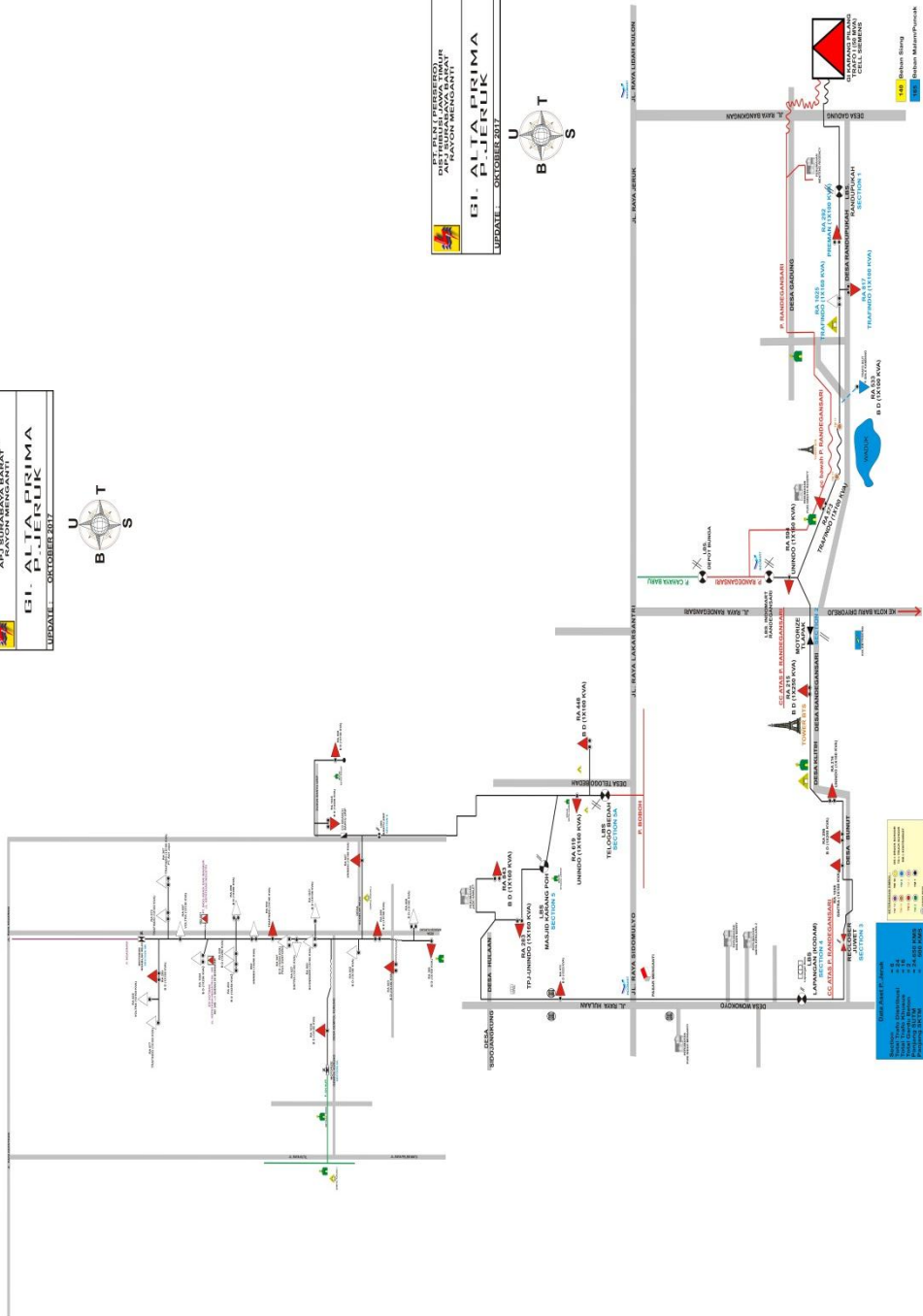
UPDATE : OKTOBER 2017



PT. PLN (PERSERO)
 PT. PLN (PERSERO) PABRIK LISTRIK JERUK
 DIVISI PERENCANAAN DAN KONSTRUKSI
 BAYAN MINDAHATI

BI. ALTA PRIMA

UPDATE : OKTOBER 2017



Project: **ETAP** Page: 1
Location: 12.6.0H Date: 07-09-2020
Contract: SN:
Engineer: Study Case: RA Revision: Base
Filename: Penyulang Jeruk Config.: Normal

SUMMARY

System Indexes

SAIFI 5.5476 f / customer.yr
SAIDI 4.6458 hr / customer.yr
CAIDI 0.837 hr / customer interruption
ASAI 0.9995 pu
ASUI 0.00053 pu
EENS 0.000 MW hr / yr
ECOST 0.00 \$ / yr
AENS 0.0000 MW hr / customer.yr
IEAR 0.000 \$ / kW hr

SAIFI System Average Interruption Frequency Index
SAIDI System Average Interruption Duration Index
CAIDI Customer Average Interruption Duration Index
ASAI Average service Availability Index
ASUI Average Service Unavailability Index
EENS Expected Energy Not Supplied
ECOST Expected Interruption Cost
AENS Average Energy Not Supplied
IEAR Interruption Energy Assessment Rate