

Branch Losses Summary Report

Branch ID	From-To Bus Flow		To-From Bus Flow		Losses		% Bus Voltage		Vd % Drop in Vmag
	kw	kvar	kw	kvar	kW	kvar	From	To	
04 C	-1.2	-0.8	1.2	0.8	0.0	0.0	97.4	97.5	0.07
3-167 kVA	360.0	232.8	-357.5	-222.8	2.5	10.0	100.0	98.3	1.74
DP-01 C	-161.1	-100.0	161.2	100.1	0.1	0.1	97.5	97.6	0.07
DP-02 C	-194.5	-119.8	194.6	119.9	0.1	0.1	97.5	97.6	0.05
DP-LINK -3F	54.1	33.5	-54.1	-33.5	0.0	0.0	96.9	96.8	0.01
EDP1 C	-161.2	-100.1	161.2	100.2	0.0	0.1	97.6	97.6	0.04
EDP2 C	-194.6	-119.9	194.7	120.1	0.1	0.2	97.6	97.6	0.08
EE/ECE C	17.1	10.6	-17.1	-10.6	0.0	0.0	97.5	97.3	0.22
HS LIB C	4.4	2.7	-4.4	-2.7	0.0	0.0	97.5	97.5	0.05
L-ACU C	-28.7	-17.8	28.7	17.8	0.0	0.0	96.8	96.9	0.01
LG-01 C	-14.0	-8.7	14.0	8.7	0.0	0.0	95.6	95.7	0.06
LG-02 C	-1.9	-1.2	1.9	1.2	0.0	0.0	95.7	95.7	0.03
LINK C	85.4	53.1	-84.9	-52.6	0.5	0.5	97.5	96.9	0.68
LRAC-ACU1 C	-10.0	-6.2	10.1	6.2	0.1	0.0	96.9	97.5	0.66
MAIN C	-355.9	-220.3	357.5	222.8	1.5	2.5	97.6	98.3	0.61
MAIN LIB C	-64.5	-39.9	65.8	40.5	1.3	0.6	95.7	97.5	1.81
MDP-CLPH C	45.6	28.2	-45.4	-28.1	0.1	0.1	97.5	97.2	0.36
MDP-SAL C	21.4	13.1	-21.0	-13.0	0.4	0.1	97.5	96.0	1.48
ME C1	29.9	18.4	-29.7	-18.4	0.2	0.0	97.5	96.9	0.57
ME LAB C	0.1	0.1	-0.1	-0.1	0.0	0.0	97.5	97.5	0.00
ME157&158 C	4.7	2.9	-4.7	-2.9	0.0	0.0	97.5	97.5	0.04
OB C	7.5	4.7	-7.5	-4.7	0.0	0.0	97.5	97.4	0.16
PB-01 C	-7.6	-4.7	7.6	4.7	0.0	0.0	95.5	95.7	0.21
PB-02 C	-32.2	-19.9	32.2	19.9	0.0	0.0	95.7	95.7	0.02
PB-03 C	-8.7	-5.4	8.7	5.4	0.0	0.0	95.7	95.7	0.02
PB-05 C	-22.3	-13.8	22.5	13.9	0.2	0.1	96.7	97.5	0.81
PB-06 C	-11.9	-7.4	12.0	7.4	0.0	0.0	97.3	97.5	0.25
PB-07 C	-22.3	-13.8	22.5	13.9	0.1	0.0	97.0	97.5	0.55
PB-ACU-1 C	6.5	4.0	-6.5	-4.0	0.0	0.0	97.2	97.0	0.13
PB-ACU-2 C	14.4	8.9	-14.3	-8.9	0.1	0.0	97.2	96.8	0.36
PB-BSMT C-	-1.4	-0.8	1.4	0.8	0.0	0.0	96.8	96.9	0.01
PB-CLINIC C	-9.6	-6.0	9.7	6.0	0.1	0.0	96.7	97.2	0.50
PB-LINK-373 C	13.5	8.4	-13.5	-8.4	0.0	0.0	96.8	96.8	0.01
PB-LINK-374 C	13.5	8.4	-13.5	-8.4	0.0	0.0	96.8	96.8	0.07
PB-LINK-375 C	13.5	8.4	-13.5	-8.4	0.0	0.0	96.8	96.7	0.13

Project:	ETAP	Page:	2
Location:	19.0.1C	Date:	01-16-2025
Contract:		SN:	
Engineer:	Study Case: LF	Revision:	Base
Filename:	PROPOSED-DESIGN	Config.:	Normal

Branch ID	From-To Bus Flow		To-From Bus Flow		Losses		% Bus Voltage		Vd % Drop in Vmag
	kw	kvar	kw	kvar	kW	kvar	From	To	
PB-LINK-376 C	13.5	8.4	-13.5	-8.3	0.0	0.0	96.8	96.6	0.20
PB-LINK-4F C	-0.8	-0.5	0.8	0.5	0.0	0.0	96.8	96.9	0.03
PB-PHYS C	11.1	6.8	-11.0	-6.8	0.1	0.0	97.2	96.5	0.64
PB-PO C	2.4	1.5	-2.4	-1.5	0.0	0.0	96.0	96.0	0.03
PB-RO C	4.5	2.8	-4.5	-2.8	0.0	0.0	96.0	96.0	0.04
PB-SAL-2F C	4.1	2.5	-4.1	-2.5	0.0	0.0	96.0	96.0	0.01
PB-SAL-3F C	2.0	1.3	-2.0	-1.3	0.0	0.0	96.0	96.0	0.02
PB-SAL-4F C	2.7	1.7	-2.7	-1.7	0.0	0.0	96.0	96.0	0.02
PB-SAL-GF C	2.4	1.5	-2.4	-1.5	0.0	0.0	96.0	95.6	0.42
PB-SAL-GF-R163 C	0.9	0.5	-0.9	-0.5	0.0	0.0	96.0	95.9	0.11
PB-SAL-R164 C	0.9	0.6	-0.9	-0.6	0.0	0.0	96.0	96.0	0.03
PB-SAL-R165 C	1.0	0.6	-1.0	-0.6	0.0	0.0	96.0	96.0	0.05
PB-TROOM C	3.8	2.4	-3.8	-2.4	0.0	0.0	97.2	97.0	0.14
PERICAN C	5.4	3.4	-5.4	-3.3	0.0	0.0	97.5	97.4	0.13
					7.9	14.6			

* This Transmission Line includes Series Capacitor.

