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Engineer:	Study Case: LF	Revision:	Base
Filename:	AS-BUILT-INITIAL	Config.:	Normal

**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	-1.4	-0.9	1.4	0.9	0.0	0.0	97.0	97.1	0.05
3-167 kVA	421.2	274.2	-417.7	-260.5	3.5	13.7	100.0	98.0	2.04
ACU C	-2.2	-1.4	2.2	1.4	0.0	0.0	95.0	95.0	0.03
ACU6 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.5	97.1	0.56
ACU7 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.5	97.1	0.60
ACU8 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.5	97.1	0.61
DP-01 C	-190.3	-118.0	190.4	118.2	0.1	0.2	97.1	97.2	0.08
DP-02 C	-224.9	-138.4	225.0	138.5	0.1	0.2	97.1	97.1	0.06
EDP1 C	-190.4	-118.2	190.5	118.3	0.1	0.1	97.2	97.2	0.05
EDP2 C	-225.0	-138.5	225.2	138.8	0.1	0.2	97.1	97.2	0.09
EE/ECE C	34.0	21.1	-33.9	-21.0	0.1	0.1	97.1	96.7	0.43
HS LIB C	10.8	6.7	-10.8	-6.7	0.0	0.0	97.1	97.0	0.14
L-ACU C	-28.7	-17.8	28.7	17.8	0.0	0.0	96.4	96.4	0.01
LG-01 C	-15.6	-9.7	15.6	9.7	0.0	0.0	94.9	95.0	0.07
LG-02 C	-2.0	-1.3	2.0	1.3	0.0	0.0	95.0	95.0	0.04
LINK C	84.6	52.5	-84.1	-52.0	0.5	0.5	97.1	96.4	0.68
LRAC-ACU-04 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.6	97.1	0.53
LRAC-ACU-05 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.5	97.1	0.54
LRAC-ACU1 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.6	97.1	0.51
LRAC-ACU2 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.6	97.1	0.52
LRAC-ACU3 C	-2.2	-1.4	2.2	1.4	0.0	0.0	96.9	97.1	0.16
MAIN C	-415.6	-257.0	417.7	260.5	2.1	3.5	97.2	98.0	0.72
MAIN LIB C	-73.9	-45.7	75.6	46.5	1.8	0.7	95.0	97.1	2.09
MDP-CLPH C	53.6	33.2	-53.4	-33.0	0.2	0.2	97.1	96.7	0.43
MDP-SAL C	15.2	9.4	-15.0	-9.3	0.2	0.0	97.1	96.0	1.06
ME C1	29.9	18.4	-29.6	-18.4	0.2	0.0	97.1	96.5	0.57
ME LAB C	5.2	3.2	-5.2	-3.2	0.0	0.0	97.1	97.0	0.07
ME157&158 C	3.7	2.3	-3.7	-2.3	0.0	0.0	97.1	97.1	0.03
OB C	7.5	4.6	-7.5	-4.6	0.0	0.0	97.1	96.9	0.16
PB-01 C	-9.2	-5.7	9.3	5.7	0.0	0.0	94.6	95.0	0.39
PB-02 C	-34.1	-21.1	34.1	21.1	0.0	0.0	95.0	95.0	0.03
PB-03 C	-10.6	-6.6	10.6	6.6	0.0	0.0	95.0	95.0	0.02
PB-05 C	-22.3	-13.8	22.7	13.9	0.3	0.1	95.9	97.1	1.20
PB-06 C	-11.9	-7.4	12.1	7.4	0.2	0.0	96.0	97.1	1.05
PB-07 C	-22.3	-13.8	22.5	13.9	0.2	0.0	96.3	97.1	0.82

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	kw	kvar	kw	kvar	kW	kvar	From	To	in Vmag
PB-ACU-1 C	6.5	4.0	-6.5	-4.0	0.0	0.0	96.7	96.5	0.13
PB-ACU-2 C	14.4	8.9	-14.3	-8.9	0.1	0.0	96.7	96.3	0.36
PB-BSMT C-	-2.6	-1.6	2.6	1.6	0.0	0.0	96.4	96.4	0.01
PB-CLINIC C	-17.2	-10.6	17.3	10.7	0.1	0.0	96.1	96.7	0.61
PB-LINK-373 C	13.0	8.1	-13.0	-8.1	0.0	0.0	96.4	96.4	0.05
PB-LINK-374 C	13.0	8.0	-13.0	-8.0	0.0	0.0	96.4	96.2	0.23
PB-LINK-375 C	13.0	8.0	-12.9	-8.0	0.1	0.0	96.4	96.0	0.46
PB-LINK-376 C	12.9	8.0	-12.8	-7.9	0.1	0.0	96.4	95.7	0.69
PB-LINK-4F C	0.9	0.6	-0.9	-0.6	0.0	0.0	96.4	96.4	0.01
PB-PHYS C	11.0	6.8	-10.9	-6.8	0.1	0.0	96.7	96.0	0.64
PB-PO C	2.5	1.5	-2.5	-1.5	0.0	0.0	97.1	97.0	0.05
PB-RO C	7.8	4.8	-7.8	-4.8	0.0	0.0	97.1	96.9	0.15
PB-SAL-2F C	4.3	2.6	-4.3	-2.6	0.0	0.0	96.0	96.0	0.02
PB-SAL-3F C	2.5	1.5	-2.5	-1.5	0.0	0.0	96.0	96.0	0.02
PB-SAL-4F C	3.1	1.9	-3.1	-1.9	0.0	0.0	96.0	96.0	0.05
PB-SAL-GF C	1.8	1.1	-1.8	-1.1	0.0	0.0	96.0	95.7	0.31
PB-SAL-GF-R163 C	1.7	1.0	-1.7	-1.0	0.0	0.0	97.1	97.0	0.08
PB-SAL-R164 C	1.6	1.0	-1.6	-1.0	0.0	0.0	96.0	96.0	0.06
PB-SAL-R165 C	1.8	1.1	-1.8	-1.1	0.0	0.0	96.0	96.0	0.06
PB-TROOM C	4.3	2.7	-4.3	-2.7	0.0	0.0	96.7	96.4	0.24
PERICAN C	5.4	3.3	-5.4	-3.3	0.0	0.0	97.1	97.0	0.12
SAL-STAIRS C	1.1	0.7	-1.1	-0.7	0.0	0.0	97.1	97.1	0.01
					10.6	19.8			

\* This Transmission Line includes Series Capacitor.

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