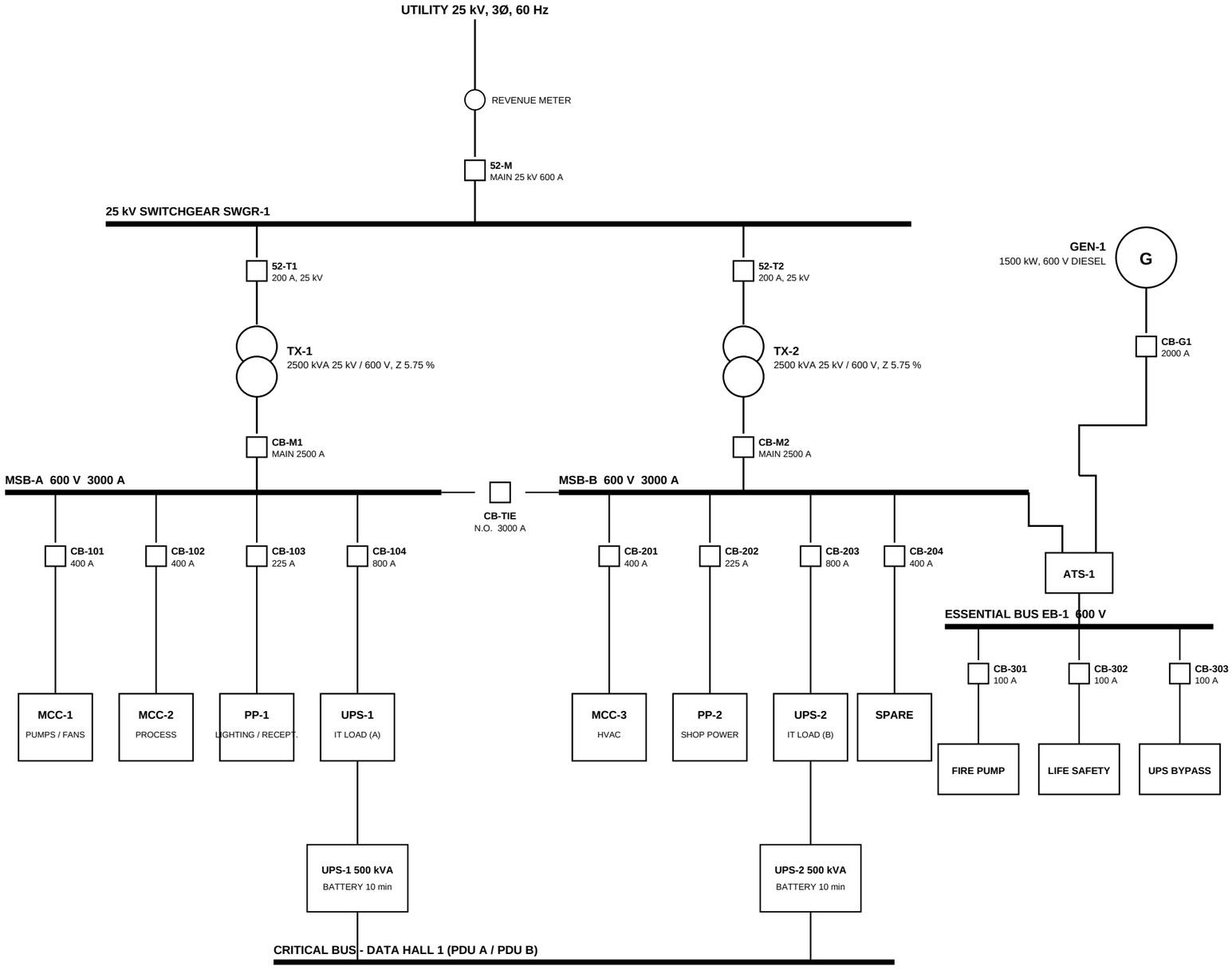


TAG	DESCRIPTION	RATING	TRIP
52-M	Main vacuum breaker	600 A, 25 kV	51/50
52-T1/T2	Transformer primary	200 A	51/50
CB-M1/M2	Main LV ACB	2500 A	LSIG
CB-TIE	Bus tie, N.O.	3000 A	LSI
CB-101..204	Feeder MCCB	225-800 A	LSI
CB-301..303	Essential MCCB	100 A	TM

LEGEND

- Circuit breaker (draw-out)
- Transformer
- Switchgear / bus

NOTES

1. Short-circuit and coordination study ref. AEE-E-002.
2. Arc-flash labels per CSA Z462.
3. Tie breaker interlocked with M1/M2 (2 of 3).

REV	DATE	DESCRIPTION	BY
C	2026-10-01	ISSUED FOR TENDER	JD
B	2026-08-30	GEN-1 UPSIZED	JD
A	2026-07-20	ISSUED FOR REVIEW	JD

AMPERE ELECTRICAL ENGINEERING (DEMO)

Power systems · sample drawing

CLIENT
CLOUDHARBOUR DATA (FICTIONAL)

TITLE
YYT-2 DATA CENTRE - ELECTRICAL
SINGLE LINE DIAGRAM - 25 kV / 600 V

DRAWN	CHECKED	APPROVED	DATE
J. DOE	A. SMITH	R. LEE	2026-10-01

SCALE	SIZE	DRAWING NUMBER	REV
NTS	B	AEE-E-001	C

Fictional sample drawing for software demonstration only - not for construction