

**LEGEND**

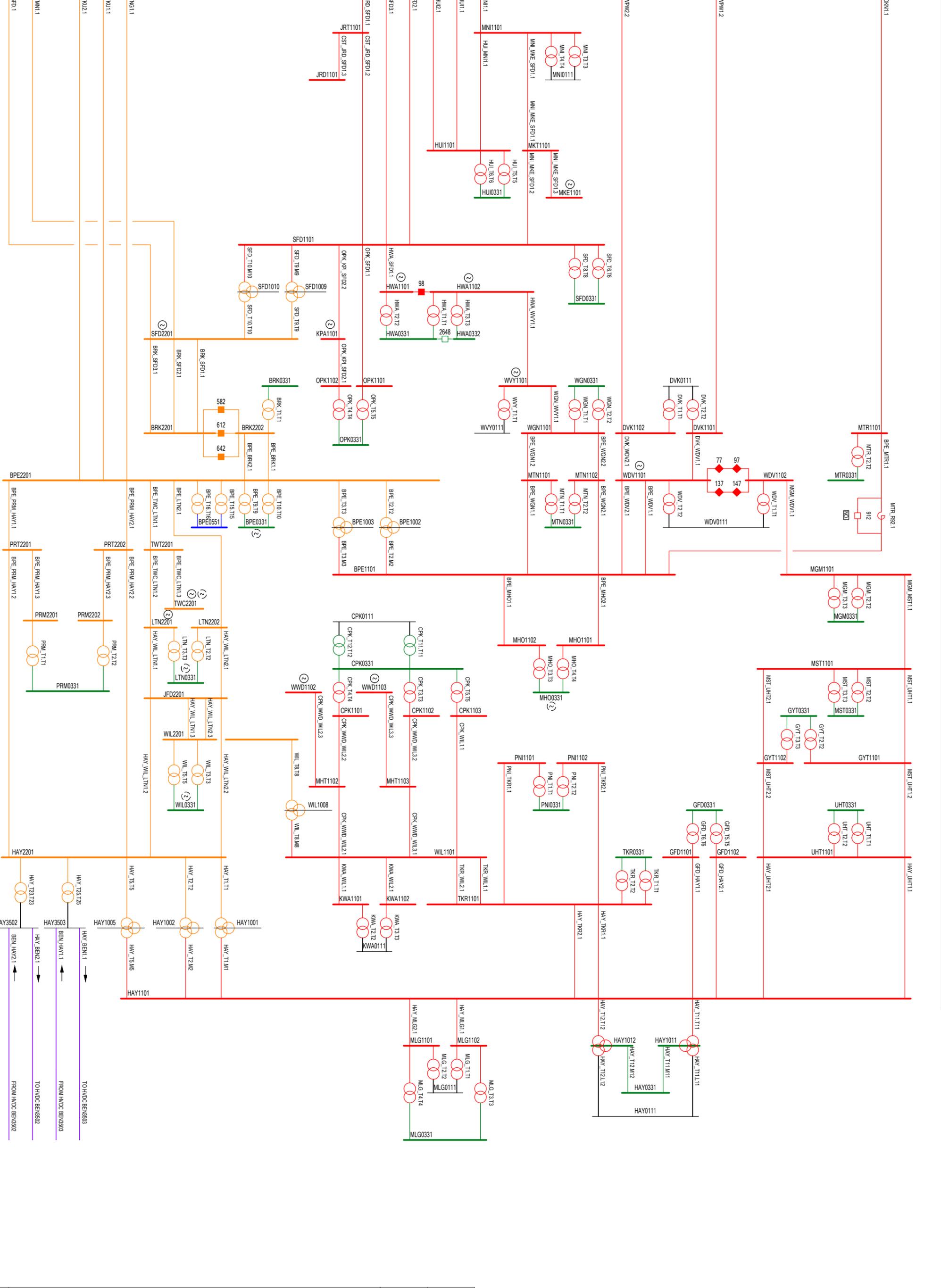
- DIRECTED BRANCH
- CIRCUIT BREAKER - NORMALLY CLOSED
- CIRCUIT BREAKER - NORMALLY OPEN
- ◆ DISCONNECTOR - NORMALLY CLOSED
- ◇ DISCONNECTOR - NORMALLY OPEN
- ⊙ GENERATION
- ⊕ EMBEDDED GENERATION
- ⊖ REACTOR
- ⊖ BATTERY
- 350V DC
- 220V
- 110V
- 66, 55, 50V
- 33, 26, 22kV
- 16, 14, 11kV
- Bus
- ⊗ 3 Winding Transformer
- ⊙ 2 Winding Transformer

DRAWING NUMBER: **TX36813** SHT1 JB

REV: **1**

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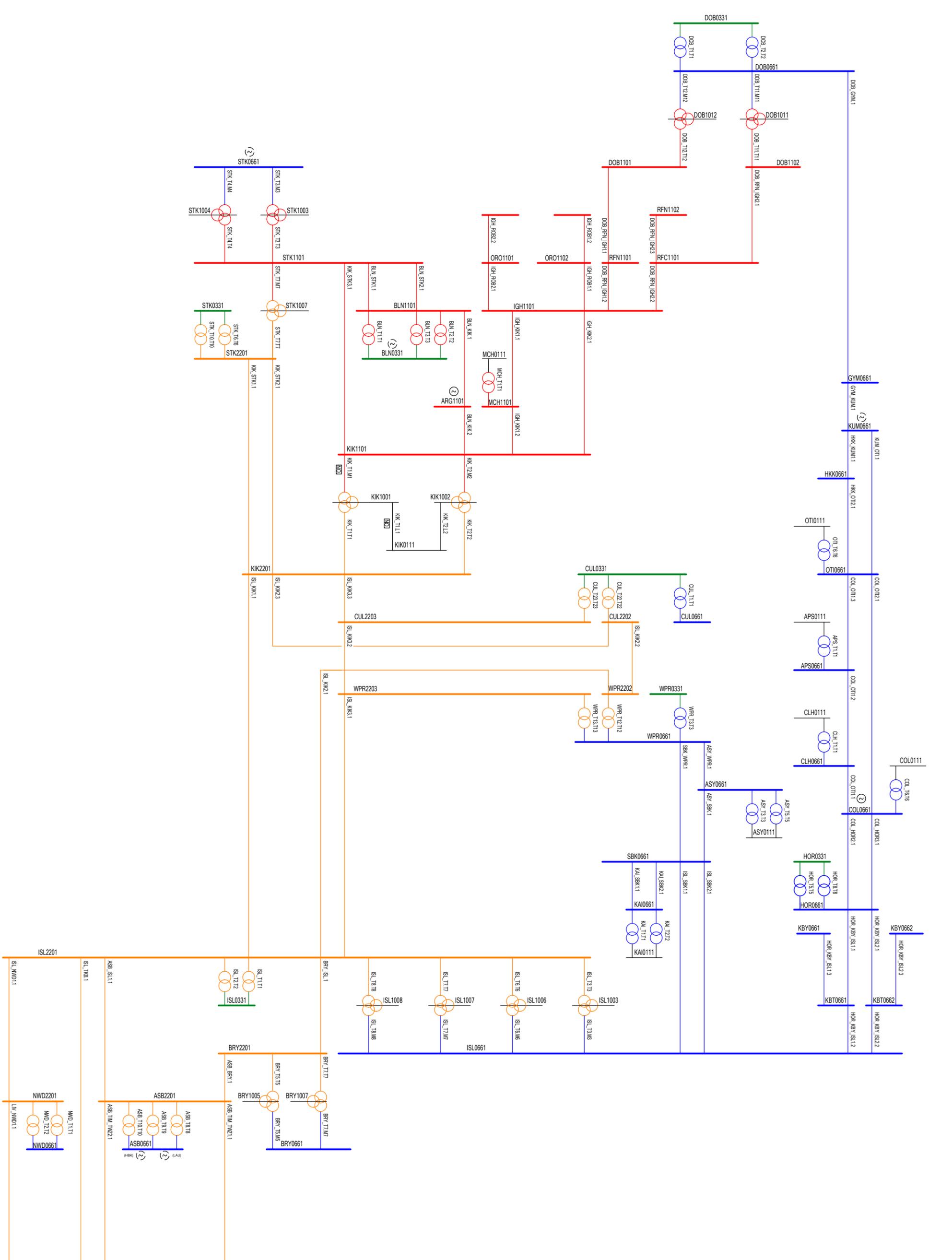


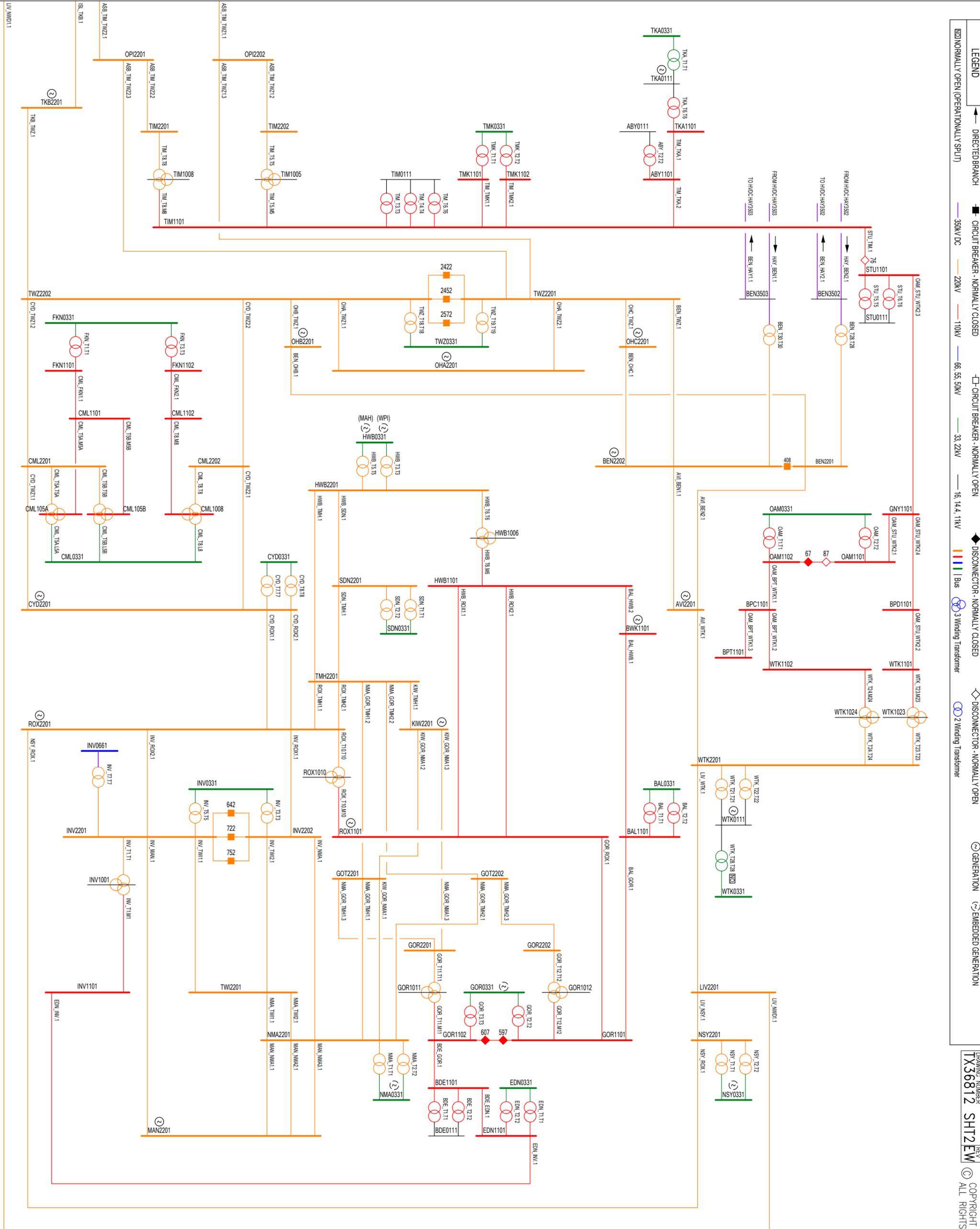


REV	DESCRIPTION	CONSULTANT	TP
JB	UPDATED: 24.02.2026 ADDITION: OTA_HTU_WKM_1.1, OTA_HTU_WKM_2.1, GDS, PDF, TRS, TAM, KAW, KAW0331, KAW T10, HTU2201, HTU2202, HTU0331, RDF T4A, RDF T4B, RDF T5, RDF T5.M5, RDF0111, RGT, EDS, WTA, GLB BESS, TAH, GLN DELETION: KAW0113, KAW T11, RDF T3, RDF T4	AECOM	MDO
		NAME	DRN
		APP	DATE
		DESIGNED	Redrawn
		DRAWN	I_Neighbours
		CHECKED	D_Wright
		QC CHECKED	
		APPROVED	
		TP APPROVED	M_Taniwha
		PREPARED BY:	Power Systems
			PO Box 57095 Mana



NETWORK DIAGRAMS  
 SPD MODEL  
 NORTH ISLAND





**LEGEND**

- DIRECTED BRANCH
- CIRCUIT BREAKER - NORMALLY CLOSED
- CIRCUIT BREAKER - NORMALLY OPEN
- ◆ DISCONNECTOR - NORMALLY CLOSED
- ◇ DISCONNECTOR - NORMALLY OPEN
- ⊙ GENERATION
- ⊕ EMBEDDED GENERATION
- 350V DC
- 22kV
- 110kV
- 66, 55, 50kV
- 33, 22kV
- 16, 14.4, 11kV
- Bus
- 3 Winding Transformer
- 2 Winding Transformer

DRAWING NUMBER: TX36812 SH12 EW  
 REV: 1  
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REV	DESCRIPTION	CONSULTANT	TP	DESIGNED	Redrawn	7/00
EW	UPDATED: 24.02.2026 ADDITION: DOB_RFN_IGH1.1, DOB_RFN_IGH1.2, FKN T1, FKN T3, KIW_THM1.1, KIW_GOR_NMA1.1, KIW_GOR_NMA1.2, KWE, INV_T7.T7, INV0661 DELETION: FKN_T4, FKN_T2A.T2A, FKN_T2B.T2B, ATU, ATU_DOB1.1, ATU_RFN_IGH1.1, ATU_RFN_IGH1.2	AECOM	MDO	DRN	APP	DATE
				02.26		
				CHECKED	D Wright	7/00
				QC CHECKED		
				APPROVED		
				TP APPROVED	M Taniwha	8/00
				PREPARED BY:	Power Systems	
					PO Box 57095 Mana	



**NETWORK DIAGRAMS**

**SPD MODEL**

**SOUTH ISLAND**