



DEVICE LIST				
DEVICE #	QTY	DESCRIPTION	MFR	REMARKS
21/21P-L1, L2, L3	2	TRANSMISSION LINE DISTANCE RELAY (PRIMARY A).	SEL	421
21/21B-L1, L2, L3	2	DISTANCE PROTECTION RELAY (PRIMARY B)	ALSTOM	P442
67/67B-L1, L2, L3	2	DISTANCE PROTECTION RELAY BACKUP	SEL	351
87- BUS	1	BUS DIFFERENTIAL RELAY	SEL	487B
87T - T1, T2	2	TRANSFORMER DIFFERENTIAL RELAY	SEL	587
86P-T1, 86B-T1, 86P-T2, 86B-T2	4	LOCKOUT RELAYS - TRANSFORMER		
86-BUS	1	LOCKOUT RELAYS - BUS		
89		MANUAL DISCONNECT SWITCH		
PT-L1, L2, L3 PT-BUS...		69KV-120/67.7V PROTECTION CLASS PT		

REFERENCE DRAWINGS	
DRAWING #	DESCRIPTION

LEGEND

- CIRCUIT BREAKER
- DISTRIBUTION - MAIN CIRCUIT BREAKER
- SURGE ARRESTER
- FUSE
- TRANSFORMER
- BUSHING C.T.
- P.T.
- DISCONNECT SWITCH
- MOTORISED DISCONNECT
- F.T. SWITCH
- FUTURE INSTALLATION
- DIGITAL FAULT RECORDER
- SPLIT CORE CURRENT TRANSF. TO BE DISTRIBUTED IN PANELS

NOTES:
 1. PROTECTION DEVICE BEING PROCURED UNDER THE PROTECTION PANEL PROCUREMENT FOR HUNTS BAY 'B', GREENWICH ROAD & QUEENS DRIVE SUBSTATION PANEL REPLACEMENT PROJECT.

No.	PARTICULARS	APP.	BY	DATE

REVISION

JAMAICA PUBLIC SERVICE CO. LTD.
KINGSTON JAMAICA

**QUEENS DRIVE SUBSTATION
PROTECTION & METERING SINGLE LINE DIAGRAM**

DWG. SCALE: NTS	DESIGNED BY: A.T.LEE	DATES: 10/03/21	DRAWING NO. QD_P&M_SLD_001
PLOT SCALE:	DRAWN BY: A. T. LEE	10/03/21	
SUPERSEDES:	CHECKED BY:		
DATE:	APPROVED BY:		PROJECT No: