

Hook-up items required for Trigen at JPNATC

S. NO.	HOOK UP			
A	ELECTRICAL HOOK-UP (SUPPLY)			
1	Additional 01 Number bus coupler for distribution	See BOM	1	
2	01 No Incomer and 01 No BUS Coupler panel to be couple with HVAC Panel # 1 at AC Plant	See BOM	1	
3	01 No Incomer and 01 No BUS Coupler panel to be couple with HVAC Panel # 2at AC Plant	See BOM	1	
4	Electrical cables from AC Plant to Generator Control panel	3.5 C X 400 sqmm	100 x 2 m	Aluminium Armoured Cable, 1.1 KV grade
5	Cable tray for above cable	40 X 300 X 40 mm	45 x 2 m	MS Fabricated Ladder type Cable Trays, hot dip galvanized, accordance to
B	BILL OF MATERIAL FOR INCOMER PANEL (BOM)			
1	800A, TP, MDO ACB with SR-18G release	1		L&T/Equivalent
2	Power factor meter, 3-phase 4-wire, size-144 mm x 144mm	1		AE/Rishabh/Equivalent
3	kW meter, 3-phase 4-wire, size- 144 mm x 144 mm	1		AE/Rishabh/Equivalent
4	AC Ammeter, size- 96x96 mm, analog type, 0-800 A, CTR - 800/5A	1		AE/Rishabh/Equivalent
5	AC Voltmeter, size- 96x96 mm, analog type, 0-500 V	1		AE/Rishabh/Equivalent
6	Ammeter selector switch	1		Salzer/Kaycee/Equivalent
7	Voltmeter selector switch	1		Salzer/Kaycee/Equivalent
8	Current Transformer, CL-1.0, 15VA, CTR- 800/5A	3		Kappa/AE/Equivalent
9	Indicating Light, LED Type, Dia-22.5 mm, 240 V AC ofr R, Y B, Breaker ON and Breaker OFF	5		Esbee/Vaishno/Teknic/Equivalent
10	Control fuse link with base	1 set		GE/L&T/Equivalent
C	BILL OF MATERIAL FOR BUS COUPLER PANEL			
1	800A, TP, MDO ACB without release	1		L&T/Equivalent
2	Indicating Light, LED Type, Dia-22.5 mm, 240 V AC for Breaker ON and Breaker OFF	2		Esbee/Vaishno/Teknic/Equivalent