

DC BUS

BBPU has detected a bus fault on main DC buses and has inhibited the bus tie contactors from closing.

Applicable ECL

DC BUS FAILURE.

Remarks

BBPU inhibits buses from tying. If bus fault is still present after 7 seconds, BBPU isolates and shuts down affected DC generator and removes affected battery from faulty main bus. All services on affected left or right main DC buses are affected. Always report this failure to maintenance even when resettable.

PRI INV	SEC INV	AUX INV
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Primary/secondary/auxiliary inverter inoperative. Other inverter(s) remain operative.

Applicable ECL

PRI or SEC or AUX INVERTER FAILURE.

Remarks

With two inverters operational: power is maintained to all fixed frequency AC buses. Select auxiliary inverter to failed side if appropriate.
 With only one inverter operational: power is maintained to all fixed frequency buses via bus tie circuit breaker. Sheds load where possible to minimize load on remaining inverter.
 With failure of primary or secondary inverter, auxiliary inverter automatically switches to failed side regardless of AUX INV switch position.

R 26 AC	L 26 AC
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Associated 26 Volt AC transformer failed. All 26 Volt AC services on related bus will be lost. Possible loss of electrical power at corresponding 115 Volt AC fixed frequency bus.

Applicable ECL

L 26 AC BUS or R 26 AC BUS FAILURE.

Remarks

None