

**EMERGENCY POWER SHUTDOWN MANAGEMENT SYSTEM SEQUENCE OF OPERATION MATRIX**  
**FIKE MODEL 20-1399 EPSMS (EPO ONLY)**

	<b>EPSMS INPUT SIGNAL</b>				
	MAINTENANCE OVERRIDE KEYED SWITCH IN NORMAL POSITION	EMERGENCY POWER OFF (EPO) SWITCH ACTIVATED	MAINTENANCE OVERRIDE KEYED SWITCH IN OVERRIDE POSITION (See Note 1,2,3,4,5)	LAMP TEST SWITCH (MOMENTARY) ACTIVATED (Note: Lamps shall return to normal condition when lamp test button is released)	LOSS OF POWER TO EPSMS CONTROL PANEL
<b>EPSMS OUTPUT SIGNALS/ANNUNCIATION</b>					
"POWER" GREEN LED ILLUMINATES	●	●	●	●	
"NORMAL" GREEN LED ILLUMINATES	●	●		●	
"OVERRIDE" AMBER LED ILLUMINATES			●	●	
ALL EPO EQUIPMENT SHALL DE-ENERGIZE		●			
"EPO ACTIVATION" RED LED ILLUMINATES		●		●	
EPO ACTIVATED SHUTDOWN RELAYS ENERGIZE AND LATCH		●			
EPO ACTIVATED MOMENTARY ( 5 SECOND) 120VAC SHUNT TRIP CIRCUIT SHALL ACTIVATE		●			
EPO SWITCH MONITORING RELAY ACTIVATED		●			
PIEZO ALERT ACTIVATED		●		●	
PIEZO ALERT DE-ACTIVATED					●
SYSTEM TROUBLE RELAY ACTIVATED			●		●
REMOTE AMBER NOTIFICATION LED ILLUMINATES (OPTIONAL)			●	●	

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**Notes:**

- 1. When the maintenance override switch is in the override position, the shunt trip circuits and "EPO Activation" relays shall remain in the normal position (locked out) regardless of the input signals received to prevent accidental shutdown of equipment.**
- 2. When the maintenance override switch is in the override position, if any input signal is received, the "EPO Activation" LED shall illuminate.**
- 3. When the maintenance override switch is in the override position, if any input signal is received then cleared, the "EPO Activation" LEDs shall flash indicating the input alarm condition is cleared. The output relays and shunt trip circuits shall remain locked out.**
- 4. Once the maintenance override switch is in the override position, the system cannot be returned to "Normal" without activating the reset switch. The reset switch "Unlocks" the maintenance override feature.**
- 5. If the EPSMS panel receives an input signal while in Maintenance Override it cannot be returned to Normal mode and reset until all input signals are cleared. This feature provides a second level of protection against accidental equipment shutdown.**