Alarms

Severity	Alarm	Cause
Critical	C1 Locked Out Due to	Three HPS1 trips within one hour
	C2 Locked Out Due to	Three HPS2 trips within one hour
	C3 Locked Out Due to	Three HPS3 trips within one hour
	C4 Locked Out Due to	Three HPS4 trips within one hour
	C1 Locked Out Due to	Three LPS1 trips within one hour
	C2 Locked Out Due to	Three LPS2 trips within one hour
	C3 Locked Out Due to	Three LPS3 trips within one hour
	C4 Locked Out Due to	Three LPS4 trips within one hour
	C1 Locked Out Due to	Three FS1 trips within one hour (Evap
	C2 Locked Out Due to	Three FS2 trips within one hour (Evap
	C3 Locked Out Due to	Three FS3 trips within one hour (Evap
	C4 Locked Out Due to	Three FS4 trips within one hour (Evap
	Exhaust Fan VFD Failure	EX VFD BI trips (must be set up as
	HS1 Locked Out Due to	Three LS1 trips within one hour
	HS2 Locked Out Due to	Three LS2 trips within one hour
	HS3 Locked Out Due to	Three LS3 trips within one hour
	Unit Shutdown Due to	SD input loses 24 VAC to it
	Supply Fan VFD Failure	Fan VFD Input trips (must be set up
	No Heat-Cool Due to	Input Unreliable
	4-Stage Communication	Four stage board goes from Online ->
	Economizer	Economizer board goes from Online
	Outputs Disabled Due to	Blackout Conditions
	Outputs Limited Due to	Brownout Conditions
	Unit Locked Out Due to	Three APS trips with 1.5 hours (if APS
	Unit Locked Out Due to	Three FAN OVR trips within one hour
	Unit Locked Out Due to	Duct Static Pressure > High Duct
Service Priority	Evaporator Coil Temp 1	Input unreliable and Number of
	Condenser Coil Temp 1	Input unreliable and Number of
	Evaporator Coil Temp 2	Input unreliable and Number of
	Condenser Coil Temp 2	Input unreliable and Number of
	Evaporator Coil Temp 3	Input unreliable and Number of
	Condenser Coil Temp 3	Input unreliable and Number of
	Evaporator Coil Temp 4	Input unreliable and Number of
	Condenser Coil Temp 4	Input unreliable and Number of
	Building Pressure Sensor	Input unreliable
	Outdoor Air	Input Unreliable
	Return Air Temperature	Input Unreliable and Variable Speed
	Supply Air Temperature	Unreliable AND (Econ Comm Status =
	Unit Shutdown Due to	FAN OVR Trip (but less than three in
	Main Controller	Missing Cal Data
	FDDM Controller	Missing Cal Data
	Econ Controller	Missing Cal Data
	4 Stage Controller	Missing Cal Data
	Unit Shutdown Due to	APS trip (but less than three in 1.5
Severity	**Alarm**	**Cause**
	Duct Pressure Sensor	Input Unreliable and Variable Speed
	Return Air Humidity	Input unreliable
	Outdoor Air Humidity	Input unreliable
	Supply Humidity Sensor	Input unreliable
	Indoor Air Quality	Input unreliable

Service	Outdoor Air Quality	Input unreliable
	Fresh Air Intake Sensor	Input unreliable
	Mixed Air Temp Sensor	Input unreliable
	Space Indoor Temp	Input unreliable
	Space Offset Sensor	Input unreliable
	C1 Shutdown Due to	HPS1 Trip
	C2 Shutdown Due to	HPS2 Trip
	C3 Shutdown Due to	HPS3 Trip
	C4 Shutdown Due to	HPS4 Trip
	C1 Shutdown Due to	LPS1 Trip
	C2 Shutdown Due to	LPS2 Trip
	C3 Shutdown Due to	LPS3 Trip
	C4 Shutdown Due to	LPS4 Trip
	C1 Shutdown Due to Coil	FS1 Trip (Evap Coil Temp < Evap Coil
	C2 Shutdown Due to Coil	FS2 Trip (Evap Coil Temp < Evap Coil
	C3 Shutdown Due to Coil	FS3 Trip (Evap Coil Temp < Evap Coil
	C4 Shutdown Due to Coil	FS4 Trip (Evap Coil Temp < Evap Coil
	Low Outdoor Air Temp	OAT < OAT Cooling Cutout
	Econ Economizing When	Economizer > Min OA Position +
	Econ Not Economizing	Economizer < Min OA Position +
	Economizer Damper Not	ABS(Economizer - Feedback) >
	Economizer Letting In	Economizer Position > than allowed
	HS1 Shutdown Due to	LS1 Trip
	HS2 Shutdown Due to	LS2 Trip
	HS3 Shutdown Due to	LS3 Trip
	HS1 Off Due to Gas	GV1 Lost Proof
	HS2 Off Due to Gas	GV2 Lost Proof
	HS3 Off Due to Gas	GV3 Lost Proof
	Dirty Filter	DFS Trip
	FDD 1 Communication	FDD Master Online -> Offline
	FDD 2 Communication	FDD Slave Online -> Offline
	Unit has Received a	PURGE-S on Econ trip
	Excessive Supply Air	SAT < Excessive SAT Cooling Sp
	HS1 Gas Valve Failure	GV1 False Proof
	HS2 Gas Valve Failure	GV2 False Proof
	HS3 Gas Valve Failure	GV3 False Proof
	Excessive Supply Air	SAT > Excessive SAT Heating SP
	Space Temperature	Space Temp > Operating Cooling SP
	Space Temperature	Space Temp < Operating Heating SP
	Not Economizing - No	Supply Air Sensor reading unreliable
	Using Return Instead of	Effective Zone Source = Return Air
	Air Proving Switch is	APS is closed, but fan command is