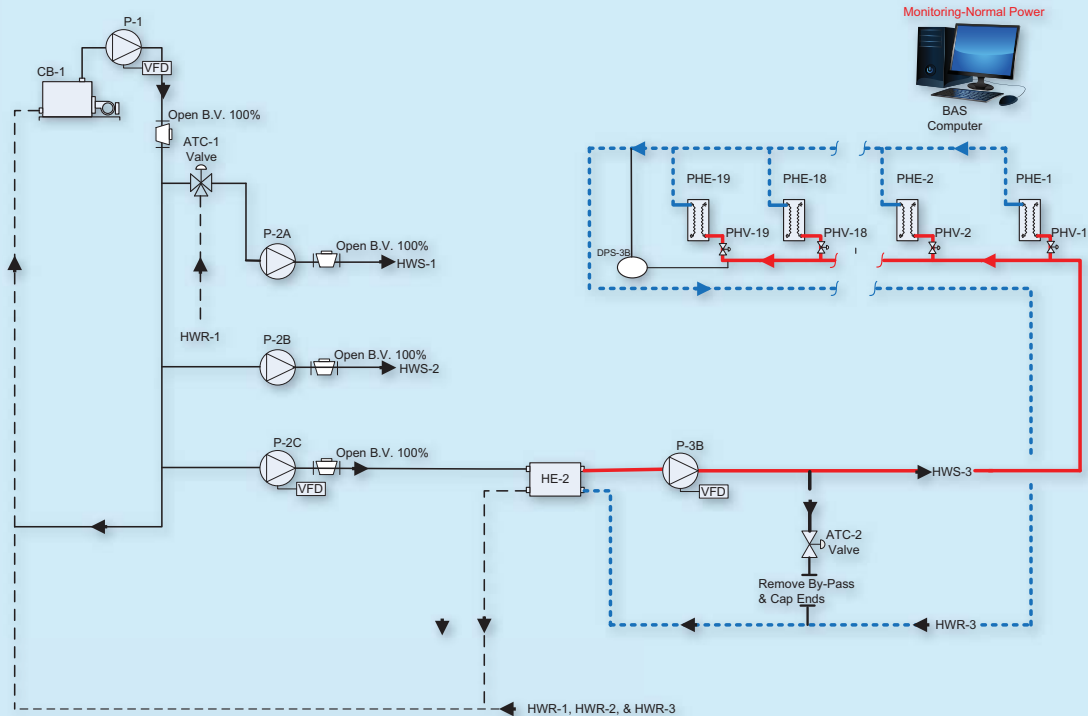# Energy Retro-Cx

MONTH 3- The Energy Conservation Opportunity: Process Heating for an Industrial Building Application - Solution Implementation and Monitor, Measure, and Benchmarking

Primary-Secondary Industrial Heating				**1**		**2**		**3**	
				Off-Unoccupied		On-Peak Process Heating Demand		On-Low Process Heating Demand	
Device	**Tag**	**Description**	**Reaction**	**Status**	**Result**	**Status**	**Result**	**Status**	**Result**
	BAS Computer	Building Automation System Interface	No signal - no power Monitoring - normal power Monitoring - emergency power Alarm	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass
DPS-3B	DPS-3B	Differential Pressure Sensor	No Signal Monitoring Alarm	X X X	Pass Pass Pass	X X X	Pass Pass Pass	X X X	Pass Pass Pass
HE-2	HE-2	Heat Exchanger-Process Heat	Off-unoccupied mode On-maximum flow On-minimum flow	X X X	Pass Pass Pass	X X X	Pass Pass Pass	X X X	Pass Pass Pass
PHE-1	PHE-1	Process Heat Exchanger	Off-unoccupied mode On-maximum flow On-minimum flow On-under control of process	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass
PHE-18	PHE-18	Process Heat Exchanger	Off-unoccupied mode On-maximum flow On-minimum flow On-under control of process	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass
PHE-19	PHE-19	Process Heat Exchanger	Off-unoccupied mode On-maximum flow On-minimum flow On-under control of process	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass
PHE-2	PHE-2	Process Heat Exchanger	Off-unoccupied mode On-maximum flow On-minimum flow On-under control of process	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass	X X X X	Pass Pass Pass Pass
P-2C	P-2C	Secondary Pump with VFD-Process Heat	Off-unoccupied On-maximum flow On-minimum flow	X X X	Pass Pass Pass	X X X	Pass Pass Pass	X X X	Pass Pass Pass
P-3B	P-3B	Process Hot Water Pump with VFD	Off-unoccupied mode On-maximum flow On-minimum flow	X X X	Pass Pass Pass	X X X	Pass Pass Pass	X X X	Pass Pass Pass
ATC-2 Valve	ATC-2 Valve	Head Pressure Control ATC Valve	On Off Modulating	X X X	Pass Pass Pass	X X X	Pass Pass Pass	X X X	Pass Pass Pass

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