

REPORT- PS-C Equipment Loads and Energy Use

WEATHER FILE- CZ12RV2 WYEC2

(CONTINUED)

DHW Plant 1 Wtr Htr (1)

SUM	-4458.0	0.0	6197.4	LOAD1611	7149	0	0	0	0	0	0	0	0	0	8760
PEAK	-709.1	0.0	981.7	ELEC	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	3/ 1	0/ 0	3/14	FUELI219	7541	0	0	0	0	0	0	0	0	0	8760

Secondary CHW Loop Pump

SUM	37775.4		FLOW4415	1253	866	446	836	785	154	5	0	0	0	0	8760
PEAK	13.1		RPM	0	0	0	0	0	0	0	7680	1076	4	8760	
MON/DAY	6/17		ELEC	0	5535	1084	337	1080	665	59	0	0	0	8760	

HW Loop Pump

SUM	44636.1		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	5.1		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY	1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760

CW Loop Pump

SUM	495179.6		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	56.5		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY	1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760

Primary Pump (Air Cooled Chi)#1

SUM	55457.3		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	6.3		RPM	0	0	8760	0	8760	0	8760	0	8760	0	8760	
MON/DAY	1/ 1		ELEC	0	8760	0	0	8760	0	8760	0	8760	0	8760	

Primary pump (Water Cooled) #2

SUM	55457.3		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	6.3		RPM	0	0	8760	0	8760	0	8760	0	8760	0	8760	
MON/DAY	1/ 1		ELEC	0	8760	0	0	8760	0	8760	0	8760	0	8760	

Primary Pump(Air Cooled) #3

SUM	0.0		FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0		RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0		ELEC	0	0	0	0	0	0	0	0	0	0	0	0

Primary Pumps #4 (Air Cooled)

SUM	6.5		FLOW	0	0	0	0	0	0	0	0	0	0	12	12
PEAK	0.5		RPM	0	0	0	0	0	0	0	0	0	0	12	12
MON/DAY	7/11		ELEC	0	0	0	0	0	0	0	0	0	0	12	12

Boiler1a (HWFrCDrft) Pump

SUM	3213.9		FLOW	0	0	0	0	0	0	0	0	0	0	8760	8760
PEAK	0.4		RPM	0	0	0	0	0	0	0	0	0	0	8760	8760
MON/DAY	1/ 1		ELEC	0	0	0	0	0	0	0	0	0	0	8760	8760

Boiler1b (HWFrCDrft) Pump

SUM	0.0		FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0		RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0		ELEC	0	0	0	0	0	0	0	0	0	0	0	0

Boiler1c (HWFrCDrft) Pump

SUM	0.0		FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0		RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0		ELEC	0	0	0	0	0	0	0	0	0	0	0	0

Boiler1d (HWFrCDrft) Pump

SUM	0.0		FLOW	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0.0		RPM	0	0	0	0	0	0	0	0	0	0	0	0
MON/DAY	0/ 0		ELEC	0	0	0	0	0	0	0	0	0	0	0	0

The secondary CHW pump has a VFD on it and I would think that the flow is proportional to speed and the pump would spent some time in the lower load ranges rather being in > 80% load range.

Why is the speed hours not consistent with the flow hours? I am not in any way limiting the speed of the pump to below 80% range. Please advise.