REPORT- PV-A Plant Design Parameters WEATHER FILE- SEATTLE BOEING FI WA

*** CIRCULATION LOOPS ***

	HEATING DEMAND (MBTU/HR)	COOLING DEMAND (MBTU/HR)	LOOP FLOW (GPM)	TOTAL HEAD (FT)	SUPPLY UA PRODUCT (BTU/HR-F)	SUPPLY LOSS DT (F)	RETURN UA PRODUCT (BTU/HR-F)	RETURN LOSS DT (F)	LOOP VOLUME (GAL)	FLUID HEAT CAPACITY (BTU/LB-F)
DHW Plant 1 Res Loop (1)	-1.187	0.000	13.8	23.4	0.0	0.00	0.0	0.00	20.7	1.00
Restaurant DHW Loop	-0.020	0.000	0.1	23.4	0.0	0.00	0.0	0.00	0.2	1.00
DEFAULT-CHW	0.000	0.093	16.4	36.6	0.0	0.00	0.0	0.00	24.5	1.00
DEFAULT-CW	0.000	0.111	21.7	56.9	0.0	0.00	0.0	0.00	0.0	1.00

*** PUMPS ***

ATTACHED TO		FLOW (GPM)	HEAD (FT)	HEAD SETPOINT (FT)	CAPACITY CONTROL	POWER (KW)	MECHANICAL EFFICIENCY (FRAC)	MOTOR EFFICIENCY (FRAC)
DEFAULT-CHW-PUMP	1 PUMP(s)							
DEFAULT-CHW		18.0	62.5	0.0	ONE-SPEED	0.393	0.770	0.700
PRIMARY LOOP								
DEFAULT-CW-PUMP	1 PUMP(s)							
DEFAULT-CW		23.9	55.9	0.0	ONE-SPEED	0.454	0.770	0.720
PRIMARY LOOP								
Primary CHW Pump	1 PUMP(s)							
Chiller 1		18.3	16.5	0.0	ONE-SPEED	0.123	0.770	0.600
EVAPORATOR	(RUN-AROUND)							

*** PRIMARY EQUIPMENT ***

EQUIPMENT TYPE	ATTACHED TO	CAPACITY (MBTU/HR)	FLOW (GPM)	HEAD (FT)
Chiller 1				
ELEC-SCREW	DEFAULT-CHW	0.093	17.4	15.0
	DEFAULT-CW	0.110	21.7	15.0
CT-1				
OPEN-TWR	DEFAULT-CW	0.111	21.7	20.0
RCC-1				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	
RCC-2				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	
RCC-3				
ELEC DW-HEATER	DHW Plant 1 Res Loop (1)	-0.175	5.6	

RST DHW Heater

ELEC DW-HEATER	Restaurant DHW Loop	-0.006	0.1