One BEPS report only (this is a building level report)

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3-Story Office Bldg                                                    DOE-B2.2NT38   4/07/2001    10:36:50  BDL RUN  2

REPORT- BEPS Building Energy Performance                                              WEATHER FILE- CZ06RV2 WYEC2
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		LIGHTS	TASK LIGHTS	MISC EQUIP	SPACE HEATING	SPACE COOLING	HEAT REJECT	PUMPS & AUX	VENT FANS	REFRIG DISPLAY	HT PUMP SUPPLEM	DOMEST HOT WTR	EXT USAGE	TOTAL
EM1	ELECTRICITY													
	MBTU	196.8	45.1	478.6	5.4	254.9	3.1	33.3	94.1	0.0	0.0	0.0	0.0	1111.4
FM1	NATURAL-GAS													
	MBTU	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	62.8	0.0	64.2
	MBTU	196.8	45.1	478.6	6.8	254.9	3.1	33.3	94.1	0.0	0.0	62.8	0.0	1175.5

These results, by end-use, are reported in more detail on the ES-E & ES-F reports (but see note on PV below).

To investigate any hours reported here, examine PS-D, PS-C, and PS-H to isolate the circulation loop (PS-D), plant equipment (PS-C), time of year & time of day (PS-H) the control problems occur.

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TOTAL SITE ENERGY      1175.54 MBTU     30.1 KBTU/SQFT-YR GROSS-AREA     30.1 KBTU/SQFT-YR NET-AREA
TOTAL SOURCE ENERGY    3398.25 MBTU     87.1 KBTU/SQFT-YR GROSS-AREA     87.1 KBTU/SQFT-YR NET-AREA

PERCENT OF HOURS ANY SYSTEM ZONE OUTSIDE OF THROTTLING RANGE =  4.1
PERCENT OF HOURS ANY PLANT LOAD NOT SATISFIED                =  0.0

NOTE:  ENERGY IS APPORTIONED HOURLY TO ALL END-USE CATEGORIES.
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NOTE:
The BEPS report provides that same results found on the BEPU report. The only difference is the reporting units: the BEPS report uses MBTU (Btu x 1,000,000) while BEPU uses conventional utility units (e.g., kWh, therms).

HOURS OUTSIDE THROTTLING RANGE:
The denominator used for this % calculation is the # of hours at least one system is running. For example, a bldg with two fan systems running 12 hrs/day & 7 days/wk with identical start/stop hours will yield 4380 total fan hrs (8760 / 2). If the start & stop times for one of these fan schedules is shifted one hour (+/– one hour but still 4380 hrs on each fan), the new total fan hrs = 4745 (4380+365). Total fan hours are reported on SS-E as 'Hours Fans ON' (includes night cycle control hours, if any).

To calculate the total number of hours outside the throttling range, multiply the percentage reported here by the 'Hours Fans ON' reported on SS-E.

IMPORTANT NOTE:
Any hours outside throttling range that occur during night cycle control hours are included in the total hours outside throttling range implied in the percentage above. Any hours outside throttling range that occur during night venting hours or during natural ventilation hours are excluded.

To investigate any hours outside the throttling range, see SS-R, then SS-F, and SS-O to isolate the system & zone (SS-R), time of year (SS-F), and time of day (SS-O) the control problems occur. In eQUEST's Detailed Interface, see also the Air-Side Summary report.

GENERATORS AND PV:
The BEPS report only includes energy drawn or supplied across the building boundary. Energy provided by generators or PV is not included in the BEPS report unless it "flows" through a utility meter (e.g., is supplied back to the utility grid). BEPS does not report energy used within the building. Rather, BEPS reports energy "imported" into or "exported" from the building. PS-E reports energy use within the building, i.e., includes energy imported from the utility grid and provided by any on-site generators and PV.

ENERGY END USES:
A description of eQUEST/DOE-2.2 end use reporting categories is provided at the end of this sample listing. See "End Use Reporting Categories".

ENERGY TYPES:
The energy types shown are those specified with the ELEC-METER, FUEL-METER, STEAM-METER, and CHW-METER commands in PLANT.

*** Important Report ***