



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

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PETITION NO. 152
STAFF REPORT
FEBRUARY 19, 1986

The Flagg Energy Development Corporation (FEDCO) is seeking a ruling that the Hartford Hospital Cogeneration project now under consideration would be exempt from Council jurisdiction because it is excluded from the definition of a "facility" (CGS Section 16-50i(a)(iii)). FEDCO contends that the project will have a generating capacity of ten (10) megawatts of electricity or less.

The project would include the following turbine generator capacity ratings:

	Rated Capacity
Two LM-500 gas turbine generators each rated at 4054 kW	8108 kW
One back pressure steam turbine generator	1369 kW
One extraction/condensing steam turbine generator	1950 kW
Total rated capacity	<u>11,427 kW</u> (11.427MW)

FEDCO expects that the actual planned operation would yield an energy output of 9930 kW since the two steam turbine generators would only produce an average annual output of 1940 kW and the gas turbine generators would only produce an annual average output of 7990 kW. FEDCO states that these calculations show the facility will have a generating capacity of 10 MW or less.

FEDCO represents that the project would be both a Qualifying Small Power Production facility and a Qualifying Cogenerator pursuant to PURPA.

CWS/JMR/go