

***PJM Generator Interconnection
Request Queue #D2
Edge Moor 10 MW
Feasibility Study Report***

February 2001
DMS# 135139v3

General

Project #D2 is a Conectiv Energy 10 MW (Summer) increase in capacity at the existing Hay Road generating facility. Hay Road units 1 through 3 will increase by 2 MW each (112 MW to 114 MW), and unit 4 will increase by 4 MW (175 MW to 179 MW). No new generating facilities will be added. The capacity increase can go into service immediately.

Direct Connection Requirements

There are no new or additional direct connection requirements.

Network Impacts

With Project #D2 existing direct connection modeled, the system was evaluated for compliance with reliability criteria. A summary of the results is as follows:

Normal System

- No identified problems.

Single Contingency (MAAC Criteria IIA)

- No identified problems.

Second Contingency (MAAC Criteria IIB)

- No identified problems.

Multiple Facility Contingency (MAAC Criteria IIC)

- No identified problems.

Generator Deliverability

- No identified problems.

SHORT CIRCUIT ANALYSIS

- Not required because there is no change in existing generator short circuit contribution to the system.

NETWORK REINFORCEMENTS

- None required.