

***PJM Generator Interconnection
#012 Chicago Heights 138kV
Feasibility / Impact Study***

November 2005

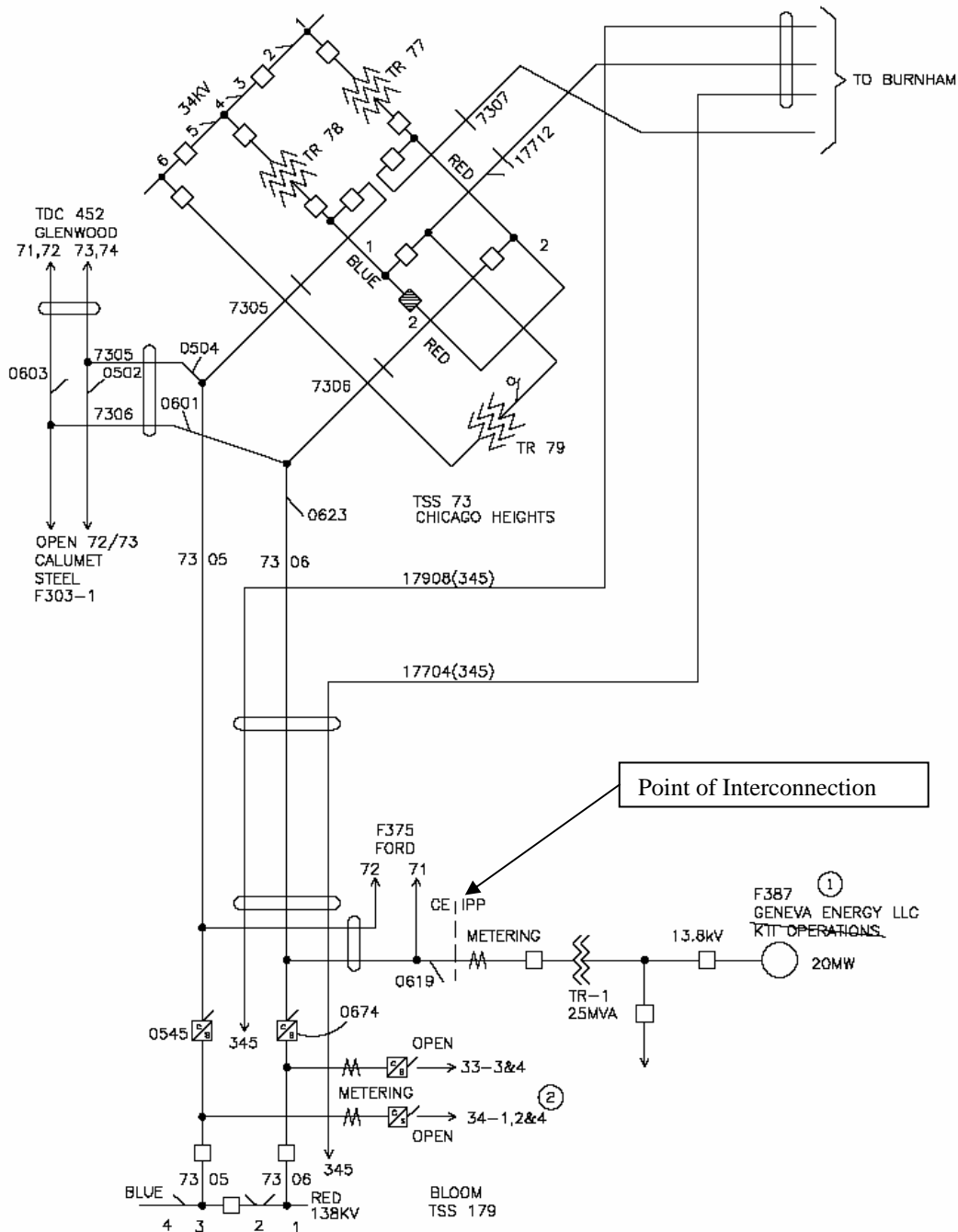
Docs #345386

General

Queue O12 is a Geneva Energy LLC request for capacity interconnection rights for an existing 20MW waste tire fueled unit interconnected to ComEd's 138kV system.

Direct Connection Requirements

Geneva Energy LLC unit "KTI" is interconnected to ComEd's 138kV transmission system as shown on the following one line diagram.



Network Impacts

The system, as planned, was evaluated for compliance with reliability criteria. The #O12 Chicago Heights 138 kV project was studied as a 20 MW generating resource interconnection of Capacity injection into the Chicago Heights (F-387) facility. The results are summarized below.

Normal System

No problems were identified

Generator Deliverability

No problems were identified

Stability Analysis

Not performed for an interconnection request that is less than 30 MW

Short Circuit Analysis

Not performed by PJM on the bulk system; However, ComEd will perform their analysis for the underlying system

New System Reinforcement Requirements

None required

Contribution to Previously Identified Reinforcement Requirements

None required