

TRANSMISSION FACILITIES I.3.9 APPLICATION

TRANSMISSION FACILITIES PROPOSED PLAN APPLICATION

1. Applicant NSTAR Electric & Gas Corp. Date March 24, 2006.
2. Type of Facility 118kV, 52.5 MVAR Capacitor In-Service Date June, 2006
3. Transmission Line and/or Substations
 - a. From Sudbury Station # 342, Sudbury, MA To _____
 (Terminal - Name - Location) (Terminal - Name - Location)
 - b. Third Terminal or tap (if any) _____
 (Name - Location)
 - c. Distance - Overhead _____ miles. Underground _____ miles. Design Voltage _____ KV
 Conductor Size N/A Initial Operation _____ KV
 - d. Proposed Relaying:
 Type of line relaying N/A
 Backup relaying N/A
 Stuck breaker N/A
 Special protective relaying schemes N/A
4. Transformer Rating _____ MVA HV _____ KV LV _____ KV Tertiary _____ KV

Parameters in percent on a 100 MVA Base, (approximate values based on electrically equivalent unit)

Resistance _____-R Reactance _____-X

5. Attach simplified one line diagram(s) of transmission and/or substations with breaker configuration, indicating existing and proposed additions or changes on construction.

Comments

6. Reliability Studies

Load Flow:	Completed	<input checked="" type="checkbox"/>	Planned	<input type="checkbox"/>	Not Needed	<input type="checkbox"/>	Explanation Attached	<input type="checkbox"/>
Stability:	Completed	<input type="checkbox"/>	Planned	<input type="checkbox"/>	Not Needed	<input checked="" type="checkbox"/>	Explanation Attached	<input type="checkbox"/>
Other _____	Completed	<input type="checkbox"/>	Planned	<input type="checkbox"/>	Not Needed	<input checked="" type="checkbox"/>	Explanation Attached	<input type="checkbox"/>

7. a. If this Application is associated with a Generation Proposed Plan Application, identify the Generator Proposed Plan Application(s) and the Governance Participant(s) responsible for submitting it. N/A
- b. Has the Generation Proposed Plan Application(s) been submitted? Yes No
 If "No", when will the Application(s) be submitted?

