**INET30 Lead Engineer**

***Job Summary***

Responsible for all of the System Planning tools across Avangrid. These tools will support the Planning process, related with the capital Investment Plan, development of Cyme Network Models, Load Forecast, Hosting Capacity and additional regulatory requirements.  
Responsibilities include training the users on the use and purposes of the tools, as well as evaluation and development of additional tools that could improve the accuracy and efficiency of the Integrated System Planning department.  
This position will coordinate with other departments during the tools development.  
1. Development, implementation and maintenance of the Integrated System Planning Tools across Avangrid related with:  
a. Investment Plan  
b. Load Forecast  
c. Network Modelling  
d. Hosting Capacity  
e. Additional requirements (based on regulatory demands)  
2. Provide technical support to the users of the tools.  
3. Maintains established Department documentation and reporting retention requirements.  
4. Provide technical assistance and consulting to other departments as necessary.  
5. Other ancillary duties related to the core functions of the job as assigned.  
6. Assists during storm restoration.

***Skills and Requirements***

Education & Experience Requirements:  
BS Degree in Software Engineering, Computer Science or equivalent,  
5-7 years of relevant experience.

Skills/Abilities:

Required Technical skills:

* Analysis and design of object-oriented solutions.
* Server-side: Proficiency with C# using Visual Studio.
* Client-side: Proficiency with HTML, JSON, javascript (jQuery framework a plus).
* Experience with Python.
* Experience with Sql Server (including spatial data):

o Data modeling, data management and data manipulation.  
o Performance tuning.

Desired Technical skills:

* Cyme.
* Graph theory knowledge.
* Oracle and PostgreSQL databases.
* Version control tools such as Git, SVN.

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**Company Information**

Please also note that AVANGRID currently has a COVID-19 vaccination Policy in place that, among other requirements, requires all employees to disclose their COVID-19 vaccination status. Any applicant who receives a conditional offer will be required to submit acceptable documentation regarding their COVID-19 vaccination status after receiving such conditional offer and prior to commencing employment. This Policy also requires all employees to either become fully vaccinated or to undergo weekly testing beginning on February 9, 2022. All AVANGRID policies may be modified or discontinued at any time, for any reason at the Company’s full and sole discretion.

***Competencies***

* Develop Self & Others
* Empower to grow
* Collaborate and Share
* Be a role model
* Focus to achieve results
* Be agile
* Technical Skills

**Mobility Information**

Please note that any applicant who is not a citizen of the country of the vacancy will be subject to compliance with the applicable immigration requirements to legally work in that country

Avangrid employees may be assigned a system emergency role and in the event of a system emergency, may be required to work outside of their regular schedule/job duties. This is applicable to employees that will work in Connecticut, Maine, Massachusetts, and New York within AVANGRD Network and Corporate functions. This does not include those that will work for Avangrid Renewables