

<b>Question ID</b>	<b>Topic</b>	<b>Subtopic</b>	<b>Priority</b>	<b>Question</b>
10700004	Business / Operational	General Operations	Normal	For gas utilities, detail of the pipe network by age (year of installation) and material, by mile and any update on gas pipeline replacement programs
10700205	Business / Operational	General Operations	Normal	For the electric utilities, detail of the transmission and distribution network by age (year of installation) and material, by mile
10700457	Distribution Operations	Business & Operational	High	Do you have any studies done on asset condition of Distribution facilities since most of the D capital plan is for asset condition? If so, please provide copies of the most recent studies.

10700504 Transmission	Business & Operational	High	Do you have any studies done on asset condition of transmission facilities since most of the T capital plan is for asset condition?
10700666 LNG Facilities	Business & Operational	High	3.Please describe the age, condition and maintenance schedules of the three LNG plants connected to the Rover system including recent inspection records for the permanent storage tanks. Are these three plants owned and operated by Rover or Neptune or a combination? Please describe the insurance coverage of the LNG facilities, if any.

## Answer

See document 1.6.1.4 in folder 1.6..1 - Q4 Gas Asset Age

Please see spreadsheet in data room.

- 1) Assets where year of install or manufacturer are unknown were allocated across 1920 - 1989 based on the known splits across those decades.
- 2) Assets where the "type" is unknown followed a similar logic but were allocated by the splits between the known types

The distribution planning studies we have performed are posted on the Nucleus Rhode Island System Data Portal. Asset Condition is a subset of the work we do, and as such specific issues we have identified can be found in those studies. The link to that portal is: <https://ngrid.apps.esri.com/NGSysDataPortal/RI/index.html>

There are a total of ten distribution Areas under study. Four study areas have been completed and are attached; these include the Central Rhode Island East Area Study Report, the East Bay Area Study Report, Providence Study (2016-2030) Report and the South County Area East Study Report. The other six are scheduled to be completed between now and June of 2021; the study process schedule and map outlining study areas are attached. Other specific distribution asset condition programmatic type studies recently performed are also attached; these include recloser replacement study, Distribution UG asset study and 3V0 study.

## Reference/ Related Docs

See document 1.6.1.4 in folder 1.6..1 - Q4 Gas Asset Age

See file 1.6.1.3  
Q5 Asset Age

See files 1.6.1.11 through 1.6.1.19

Planning Review Process EP 7-6-2020.docx  
Form3A\_Recloser\_Study\_v2016.pdf  
Central Rhode Island East Area Study Report-9-30-2017.pdf  
Providence Study (2016-2030) Report-9-30-2017.pdf  
South County East Area Study Report.pdf  
RI\_StudyAreas\_07-06-2020.pptx  
3V0 Program Document-6-13-18.pdf  
East Bay Area Study Report\_rev02\_2015-10-06\_final\_signed.pdf  
2017 RI UG Cable Replacement Strategy 17 12 14 (Approved).pdf

For the projects listed in the FY21-FY25 CAPEX Sponsorship, 9 out of 16 substation condition assessments are complete and 4 out of 8 transmission line condition assessments are complete. See file 1.6.1.61

NA

Project Cable\_Question10700502\_FY21-  
25\_CAPEX\_Complex Project\_Sponsorship.xlsx

NA