

**Gas utility pipeline need assessment application**

Date: Company name (if applicable):

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| **Information requirements** |
| **Gas utility pipeline need assessment application requirement (GU1)** Identify any current or anticipated rate or facility applications associated with the project. |
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| **Gas utility pipeline need assessment application requirement (GU2)** Provide an explanation of why the project is required, including but not limited to:  * A description of current infrastructure and why it cannot be used to meet the need identified.
* Forecast demand information for growth projects.
* For replacement projects, an explanation of why the current system is no longer adequate to meet current and future requirements.
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| **Gas utility pipeline need assessment application requirement (GU3)** Describe whether the project is part of a larger initiative including a description of the project’s various components, functions and forecast in-service dates. |
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| **Gas utility pipeline need assessment application requirement (GU4)** Provide a summary of the studies and analysis performed in identifying the timing and nature of the need. |
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| **Gas utility pipeline need assessment application requirement (GU5)** Describe alternatives considered to address the identified need, including doing nothing. |
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| **Gas utility pipeline need assessment application requirement (GU6)** Provide technical and economic comparison of all viable alternatives considered, including:* An evaluation of operational efficiency and reliability provided by each option.
* An estimate of the capital, operating and maintenance costs for each option.
* An economic assessment, with documentation of assumptions, illustrating the cumulative present value of revenue requirements over a 20-year term, depicted, where possible, with a year-by-year graphical representation.
* A description of related infrastructure that will be impacted e.g., distribution facilities that will also be required and a cost estimate for such facilities.
* An evaluation of factors respecting implementation of each alternative, including timing and risks during construction.
* A summary of any ratepayer or industry dialogue, including any feedback.
* A high-level evaluation of the land-use impacts of each alternative.
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| **Gas utility pipeline need assessment application requirement (GU7)** Describe the applicant’s choice of preferred alternative, including:* The rationale for selecting the alternative.
* The implementation schedule for the alternative.
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**When complete, save a copy of this form as a PDF file and submit the file to the AUC through the eFiling System.**