

ENBRIDGE GAS INC.
Answer to Interrogatory from
Board Staff (STAFF)

Reference: USP - Exhibit C1/Tab 1/ Schedule 1/ pg. 53

Question:

Another way Enbridge Gas Distribution and Union Gas have historically sought to continually improve is through industry engagement. Key subject matter experts involved in the design and operations of assets are engaged in industry related code committees and industry best practices to better understand compliance requirements, to support the improvement of codes and standards that drive operational safety, and to learn and share best practices from industry peers. Examples include active membership of subcommittees for the Canadian Standards Association – Oil and Gas Pipeline Systems, Canadian Gas Association and American Gas Association surveys and workshops and participation in AGA peer reviews.

Please provide specific examples of improvements in Enbridge Gas' asset management planning and practices that have occurred as a result of benchmarking against the best practices in the industry? Where possible, please provide specific examples.

Response

Exhibit C1, Tab 2, Schedule 1 pages 55-57, section 3.1 of the EGD rate zone's AMP addresses asset management improvements and section 3.4 discusses the approach taken to assess asset management planning and practices through an independent review.

Similarly for the Union rate zones' AMP, Exhibit C1, Tab 3, Schedule 1, pages 32 to 33 outlines the approach to review asset management practices and continual improvement.

Participation of the CGA committees for Integrity Management and Asset Management have helped shape Enbridge Gas's programs and approach to risk management. Further, involvement with the CSA Technical Sub-committees helps Enbridge Gas: 1) influence and gain insight on issues that impact the safety and reliability of assets, 2) define metrics to measure performance, and 3) structure the programs and type of tools used to complete integrity assessments.

As part of the amalgamation of Union Gas and Enbridge Gas Distribution, the quality management resources have been combined into one group within Enbridge Gas. The goal of combining quality management resources is to ensure an integrated approach to risk management, identifying and auditing key safety processes and field procedures.

Through chairing and participating in the committee for development of the CSA Z260 – Pipeline Safety Metrics, Enbridge Gas is concurrently developing an internal standard to align with the CSA Z260 Transmission standard and developing proposed draft metrics for CSA Z260 Distribution for the purpose of gaining insight and trends that can be shared as comments and lessons learned to other industry participants.

Setting of the compressor metrics is done in consideration with AGA Compressor metrics. Monitoring these metrics has led to further investigation of a poor hot weather start performance at Dawn Plant J. The resolution recommendation, involving the original equipment manufacturer, has led to a proposal to increase the horsepower of the starter motor in the future.