

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



SUMMARY			
Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.			
<b>Title:*</b>	Integrity Assessment of Hoskinstown to Fyshwick (Licence 29) using ILI		
<b>Project Initiator:*</b>		<b>SAP WBS:</b>	
<b>Inquiry Number:*</b>	1.00486e+007	<b>Service Type:*</b>	OPEX_Other
<b>In Regulatory Allowance:</b>		<b>Asset:*</b>	ActewAGL
<b>Opportunity: *</b>	To ensure the continued safe operation of the Hoskinstown to Fyshwick (Licence 29) pipeline, it is the requirement of AS2885 and the Evo Energy Pipeline Integrity Management Plan (PIMP) to undertake integrity assessment by utilising the In-Line inspection (ILI) tool to obtain data on the condition of the pipe wall and assess the integrity of the pipeline in CY21. Minimum one field validation dig (severe anomaly) will need to be undertaken based on the ILI activity to verify the results.		
<b>Objective:*</b>	To carry out the In-Line Inspection and GIS mapping of the Hoskinstown to Fyshwick (Lic 29) pipeline will: <ul style="list-style-type: none"> <li>• Verify the integrity of the pipe wall to ensure the pipeline can continue to operate at MAOP.</li> <li>• Meet the AS2885.3 Section 6 requirements</li> <li>• Comply with regulatory and pipeline licence conditions</li> <li>• Provide for the effective and safe operation of the pipeline</li> </ul>		
<b>Project Justification:*</b>	<ul style="list-style-type: none"> <li>• Assessment of the ILI data will be used to review associated risks and confirm pipeline MAOP</li> <li>• Assessment of ILI data will further quantify the rate of change of pipeline wall condition (corrosion growth rate) and facilitate in planning the Capex and Opex activities.</li> <li>• Anomalies identified for direct inspection will form the basis of the integrity dig program used to monitoring of pipe condition between successive ILI programs typically every 10 years</li> <li>• Satisfy the requirement of AS2885 Section 6, "Pipeline Structural Integrity"</li> </ul>		
	<input type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Integrity	<input checked="" type="checkbox"/> Compliance
		<b>Asset Risk Rating:*</b>	High
		<input type="checkbox"/> Business Development	<input checked="" type="checkbox"/> Safety
		<b>Solution Required By:*</b>	31/12/2021

OPTIONS CONSIDERATION			
List of potential options to resolve the issue or opportunity. Include both options considered and rejected.			
	Option Description & Assumptions	Delivery Risks & Constraints	Cost Estimate
<b>Option 1 (Preferred):</b>	Integrity assessment using In-line Inspection	Pigging run needs to be in post winter: To ensure sufficient flow to move pig To ensure commercial requirements and shippers... To ensure risk strategies to address potential issu...	
<b>Option 2:</b>	Integrity assessment using direct inspection based on CP...	Limited compliance Limitation in forecasting future asset integrity pla... Restriction on location of integrity digs (pipeline ... Require extensive traffic management DCVG limitation in detecting disbonded HSS leadi...	
<b>Option 3:</b>	Integrity assessment using hydrostatic testing of the pip...	Pipeline will need to be taken out of service affec... Logistical issues such as sourcing and disposal of ... Adequate exclusion zones will be required to man...	
<b>Do Nothing:</b>	Perform Business As Usual (CP monitoring)	Non compliance to regulatory and AS2885 standa... Supply and safety risk to customers.	
<b>Comments:</b>	Pigging of the pipeline includes 30km of DN250 from Hoskinstown to Fyshwick operating at 14.9 MPa. The pipeline was last inspected using ILI in October 2011, thus the next pigging is required to be undertaken by October 2021. Allow minimum one validation dig for the entire pipeline in the risk allocation expenditure for the project for anomalies which fail the level 1 assessment.		

PROJECT SCHEDULE			
Initial view of the key milestones of the project, as well as approver and responsible group.			
Project Schedule:	Gate & PMM Phase	Target Date	Comments
	Gate 1 - Initiate	30/06/2020	
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define		

Gate 4 - Deliver	<input type="text"/>	<input type="text"/>
Gate 5 - Deliver	<input type="text"/>	<input type="text"/>
Gate 6 - Deliver	<input type="text"/>	<input type="text"/>
Gate 7 - Close	<input type="text"/>	<input type="text"/>



**FINANCIAL FORECAST**

Financial overview of the project, providing an oversight on how much the project is expected to cost against the AMP budget allocation.

**Project Estimate:\***  This value is automatically populated with the value from Option 1 (Preferred) Cost Estimate under Options Consideration.

**REFERENCED DOCUMENTS**

Please note hyperlinks must begin with "http://"

Document No.	Title	ECMS Link / Reference
1	Hoskinstown to Fyshwick Risk Register	<a href="http://ecms/otcs/livelink.exe/open/310133296">http://ecms/otcs/livelink.exe/open/310133296</a>
2	<input type="text"/>	
3	<input type="text"/>	
Additional Attachments <i>(Please ensure attached documents are included in project folder)</i>		

**APPROVAL**

Approver	Title	Name	Approval
<b>Recommended By</b>	Project Initiator*		<input type="text"/>
<b>Agreed By</b>	Asset Strategy Representative*		<input type="text"/>
<b>Decided By</b>	Asset Investment Manager (AMP)/ GM Commercial (Commercial)*		<input type="text"/>

**COMMENTS**

Please fill in all highlighted fields

Print Gate

Outstanding Approval

✓ Title Related Content Created

There are no items to show in this view of the "Tasks" list.