

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



SUMMARY			
Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.			
Title:*	Flow Measurement at Fyshwick TRS		
Project Initiator:*		SAP WBS:	AAN-RFT-000007
Inquiry Number:*	1.00226e+007	Service Type*:	CAPEX_Stay in Business
In Regulatory Allowance:	\$0	Asset:*	ActewAGL
Opportunity: *	<p>There is no main line gas flow meter installed at Fyshwick Trunk Receiving Station (TRS). Consequently, the gas flow into the ACT network from Licence 29 is unknown.</p> <p>Hoskinstown Custody Transfer Station (CTS) has metering, however what flows into the network through Hoskinstown CTS is not the same as what passes into the ACT network through Fyshwick TRS. Licence 29 is downstream of Hoskinstown CTS and acts as a gas 'storage bottle'. The ACT network is 'topped-up' from Licence 29, through Fyshwick TRS, based on network demands which can have large fluctuations between peak and off-peak times. The Bungendore network is also supplied through Licence 29.</p>		
Objective:*	To gain an understanding of gas flow through Fyshwick TRS for the purpose of network modelling, validation, and planning ASA2885 facility upgrades.		
Project Justification:*	<p>Flow measurement is required for network modelling and validation. It assists with doing maintenance on the network such as integrity digs, pigging (Licence 29 and Canberra Primary Main), facility shutdowns, emergencies, and contingency (disaster) plans. It also assists with determining parameters (e.g. pipe velocity) for welding.</p> <p>Allows for educated forecasting of the timing of AS2885 facility upgrades. There is a risk of large capital investment for upgrade due to the limited flow information available to validate network models. There is a risk of poor supply and reduced security of supply due to late investment in facility upgrade.</p> <p>Assists with the identification of unaccounted for gas (UAG).</p>		
	<input checked="" type="checkbox"/> Commercial	<input type="checkbox"/> Integrity	<input type="checkbox"/> Compliance
		<input type="checkbox"/> Business Development	<input type="checkbox"/> Safety
	Asset Risk Rating:*	Significant	Solution Required By:*
			30/06/2023

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
Option 1 (Preferred):	Install gas flow meter at Fyshwick TRS. 11-ACT-FYSH-DOC-G-001 Fyshwick TRS Upgrade Design ...	Potential for significant upgrade to piping in orde...	\$500,000
Option 2:	Perform network modelling and validation using measur...	Using measured pressures is not enough to effec... E.g. It was difficult to predict pipe flows/pipe velo...	
Option 3:			
Do Nothing:			
Comments:			

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		
	Gate 2 - Plan & Define		
	Gate 3 - Plan & Define	30/06/2022	
	Gate 4 - Deliver		
	Gate 5 - Deliver		
	Gate 6 - Deliver	30/06/2023	
	Gate 7 - Close		

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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:*	<input type="text" value="\$500,000"/>	This value is automatically populated with the value from Option 1 (Preferred) Cost Estimate under Options Consideration.
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REFERENCED DOCUMENTS

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

Document No.	Title		ECMS Link / Reference
1	<input type="text"/>		
2	<input type="text"/>		
3	<input type="text"/>		
Additional Attachments (Please ensure attached documents are included in project folder)			0.0 RY23 Flow Measurement at Fyshwick TRS OB.pdf

APPROVAL

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

COMMENTS

Print Gate

Outstanding Approval

✓ Title Related Content Created

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