

OPPORTUNITY BRIEF FOR INFRASTRUCTURE



SUMMARY			
Definition of the opportunity or issue being highlighted. Initiator please complete the following fields.			
Title:*	Flow Measurement at Gungahlin PRS		
Project Initiator:*		SAP WBS:	AAN-RFP-000003
Inquiry Number:*	1.00226e+007	Service Type*:	CAPEX_Stay in Business
In Regulatory Allowance:	\$0	Asset:*	ActewAGL
Opportunity: *	<p>There is no gas flow meter installed at Gungahlin Primary Regulating Station (PRS). Consequently, the gas flow through Gungahlin PRS is unknown.</p> <p>Out of the five AS2885 pressure regulating stations in the ACT, only Hume PRS has functional gas flow metering (on one run).</p>		
Objective:*	To gain an understanding of gas flow through Gungahlin PRS for the purpose of network modelling, validation, and planning AS2885 facility upgrades.		
Project Justification:*	<p>Allows for educated forecasting of the timing of AS2885 facility upgrades e.g. The need to upgrade Gungahlin PRS due to new estate growth in the Gungahlin region (e.g. Taylor, Moncrieff), Molonglo Stage 3, and West Belconnen. In addition to this, the timing of the future Belconnen PRS and associated primary main upgrades/extensions could be better planned.</p> <p>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 in Gungahlin and Belconnen regions (~54,500 customers) due to late investment in facility upgrades.</p> <p>Flow measurement is required for network modelling and validation. It assists with doing maintenance on the network such as integrity digs, pigging, facility shutdowns, emergencies and contingency (disaster) plans. It also assists with determining parameters (e.g. pipe velocity) for welding.</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:*
			30/06/2021

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
Option 1 (Preferred):	Install gas flow meter on the outlet of Gungahlin PRS.	This facility was not designed with a spool for fut... Flow meter may have to be installed on the com... Due to the location of valves on the secondary m... Gungahlin PRS can be shutdown during the 'sum...	\$500,000
Option 2:	Perform network modelling and validation using measur...	Using measured pressures is not enough to effec...	
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	30/06/2020	
	Gate 4 - Deliver		
	Gate 5 - Deliver		
	Gate 6 - Deliver	30/06/2021	
	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"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>
Additional Attachments (Please ensure attached documents are included in project folder)		0.0 RY21 Flow Measurement at Gungahlin PRS 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

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Print Gate

Outstanding Approval

✓ Title Related Content Created

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