

Project Name: Metering of IA SCPP gas fuel

BACKGROUND	SCOPE	ASSUMPTIONS
<p>The supply of gas fuel for the turbines at the Shell PHC IA was from SPDC before the divestment of OML 17 and OML 11. The gas fuel was not metered, probably because it was SPDC gas coming to SPDC power plant. After the divestment, SPDC must source for fuel gas from third parties to continue to run the power plant. For almost three years, SPDC and the suppliers have relied on the mass flow rate displayed on the turbines HMI to calculate the volume of gas consumed. The volume calculated may not represent what is consumed</p> <p>There is an opportunity to save cost if there is proper custody transfer.</p>	<ul style="list-style-type: none">▪ Enquiries about SNG model of metering▪ Synergy with SNG▪ Installation of metering skid	<p>Assumptions:</p> <ul style="list-style-type: none">• Support from Top management. <p>Risks:</p> <ul style="list-style-type: none">• High cost of installation of metering skid
	DELIVERABLES	KEY ACTIVITIES
	<ul style="list-style-type: none">▪ Install a metering skid along the gas delivery line to SCPP	<ul style="list-style-type: none">• Enquiries – July 2023• Synergize with SNG – July 2023• Installation of metering skid – October 2023
OBJECTIVES	COST SAVING	TEAM / STAKEHOLDERS
<ul style="list-style-type: none">• To meter the gas supplied to IA SCPP for proper accounting and custody transfer.	<ul style="list-style-type: none">▪ Potential cost saving estimate of USD 20,000 monthly by getting more accurate gas flow values.	<p>Project Sponsor: Dave Nosike BOM: Olushola Aina Implementation Lead: Julianah Project Team: Julianah and Caleb</p>
BENEFITS		
<ul style="list-style-type: none">▪ Cost optimization▪ Waste elimination		