





Principle	<p>A new pressure control valve has been installed in the Propylene sphere BOG line, the down stream of which has been joined with the RFG distribution network so that whenever there is a short fall in the RFG header pressure, the newly installed control valve will open &amp; Propylene BOG will let down in to RFG header.</p> <p>After this modification, during normal operation the emergency stand-by boiler i.e. AB is on 100% RFG. During Station Blackout (SBO), RFG header pressure is being maintained by automatic let down of propylene vapor from sphere and keep on supplying about 8-9 TPH of RFG for CPP for a short period of about 30 minutes.</p>
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Details of techno-economics:

Particulars	Actual savings
Annual Cost savings, Rs. Lakh (In terms of Naphtha saved for 8000 on stream hours / year)	1680
Cost of implementation, Rs. lakh	10
Simple payback period, Days	2.5

Implementation issues	<p>New Pressure control valve of propylene sphere installed.</p> <p>Dual Fuel Fire Type burners activated with new mass flow meter in AB.</p>
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Mr.Partha Banerjee, **Manager - Technology, Haldia Petrochemicals Limited**

E.Mail: [partha.banerjee@hpl.co.in](mailto:partha.banerjee@hpl.co.in)