

COMPARISON SHEET FOR DUAL FUEL kit for DG SET vs GG SET			
S.No	Parameters	Dual Fuel kit for DG set	PNG Gas Genset
1	Technology	PNG + Diesel	PNG Gas Engine
2	Fuel	70% Gas + 30% Diesel	100% PNG Natural Gas
3	Capacity	Reduction in Genset capacity by upto 50%	100% capacity
4	Service Period	300 - 500 hrs.	1000 hrs.
5	Operating Cost	60 - 120% higher than PNG Genset	Upto 40% savings vs Diesel Fuel
6	Maintenance Cost	Very High due to multiple equip.	Low due to single machine
7	Price	Not economical for ratings < 500KVA	Almost same, considering the cost of Dual Fuel kit + RECD + resale of DG set
8	Statutory Compliance for Govt. department	Need to maintain record for Genset + Fuel	No record is required
9	Resale Value	Zero / Scrap value	Higher than DG set
10	Future	Unpredictable	Will continue

Note :

1. Above comparison is for upto 800KW rating , as per CAQM direction no. 76
2. For PNG Gas Genset, data is considered for the most fuel efficient **E2P Gas Gensets** with **Ashok Leyland** engine.
3. Above data is for information only, based on various variables. Customer needs to do their own research before taking any final decision.