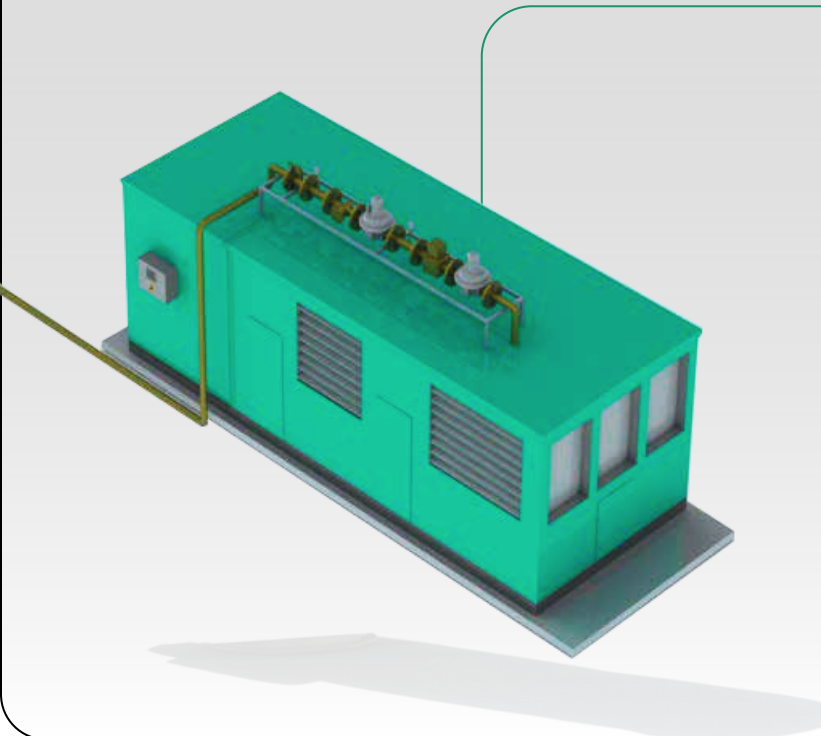
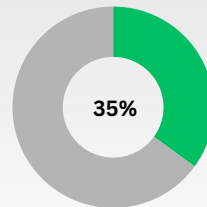


CHAKR DFK 2.0

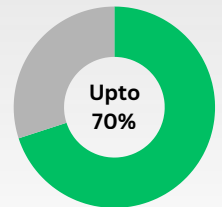
SMART DUAL FUELING FOR A CLEANER AND GREENER TOMORROW



Engineered for today's cleaner-energy demands, the **Chakr DFK 2.0** (Dual Fuel Kit) allows diesel generators to operate on up to 70% natural gas, lowering emissions and operating costs while delivering the same power, reliability, and uptime.



Reduction in
operating cost



Reduction in
Particulate Matter

FEATURES OF CHAKR DFK 2.0

1

Seamlessly retrofits any diesel generator to operate on dual fuel **without modifying engine** architecture

2

Achieves **up to 70% natural gas substitution** while retaining full diesel-only operability when required

3

Delivers **high fuel savings** using a dynamic governor for precise combustion control and rapid ROI

4

Designed with **plug-and-play** architecture for quick integration, effortless setup, and instant dual-fuel readiness

5

Enhances DG life with precise, sensor-driven closed-loop control that keeps all parameters within OEM thresholds

6

Cuts maintenance frequency with service cycles extended by **more than 50%**

7

End-to-end installation from the MRS (Metre Regulating Station) to the DG set

8

EN 746-2 and NFPA-37 compliant components supported by a reliable **6-level protection system**

Fully compliant with CAQM guidelines

Founded in

2016

1000+

Skilled professionals

65+

Visionaries from IIT

2.5ML+

Tons of CO₂ Equivalent Reduced

SMARTER FUEL| CLEANER POWER| BETTER TOMORROW

Dual Solenoid Valve



Ensures precise and fail-safe gas shutoff, providing automated control and instant isolation during abnormal conditions

Smart Flow Actuator



Automatically modulates gas flow for accurate gas-diesel blending across different load conditions

High-Accuracy Pressure Regulator



Maintains stable outlet pressure irrespective of upstream variations, ensuring consistent combustion quality

Gas Filter Assembly



Removes contaminants from gas lines, protecting downstream components and enhancing system reliability

Closed-Loop Sensor Feedback



Continuously monitors key parameters (temperature, pressure, load) to maintain OEM-limit safe operation

Air-Gas Mixer



Engineered for uniform mixing, enabling stable ignition and smooth combustion at all engine loads



Defense | Govt & PSU



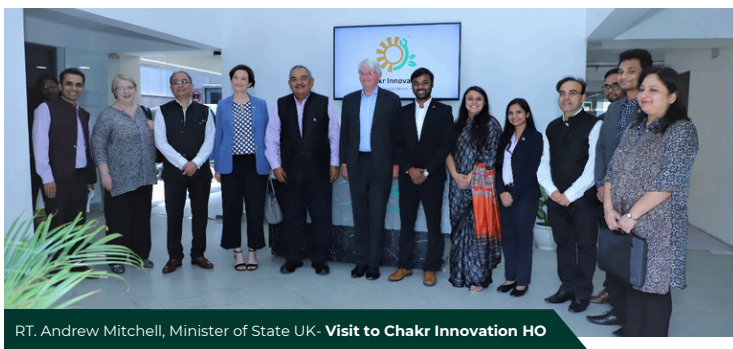
Hospitality



Infrastructure



REWARDS & RECOGNITION



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SCAN TO KNOW MORE