

The following '**General Clarification**' is uploaded for information of all concerned in view of large number of representations from various industries / associations / agencies / individuals regarding use of DG Sets.

Regulating use of DG Sets in NCR as per Directions Nos. 54 to 57 issued on 8.02.2022 and Direction No. 68 issued on 14.09.2022

Applicability: During operation of different stages of GRAP as & when an Order is issued and uploaded on the CAQM website.

- **Stage-I of GRAP:** Use of DG sets not permitted for regular supply substituting GRID power, however, permitted in exigencies during failure of GRID power.
- **Stage-II to IV of GRAP: Complete ban on use of DG Set except for the following:**
 - **Emergency services as under exempted from ban on use of DG Sets:**
 - (i) Elevators/Escalators/Travelators etc. in various installations. Commercial entities / residential societies shall, however, ensure that DG set operation and supply therefrom is purely limited to operation of elevators/escalators/travelators etc. and not for any other activities of commercial entities / residential societies
 - (ii) Medical Services (Hospital/Nursing Home/Health care facilities) including units involved in manufacturing of life saving medical equipment/devices, drugs and medicines
 - (iii) Railway Services / Railway Stations
 - (iv) Metro Rail corporation & MRTS Services, including trains and stations
 - (v) Airports and Inter-State Bus Terminals (ISBTs)
 - (vi) Sewage Treatment Plants
 - (vii) Water pumping Stations
 - (viii) Projects related to national security, defence & of national importance
 - (ix) Entities involved in telecommunications and IT/ data services
 - **There shall be no restrictions on generator sets running purely on LPG/ Natural Gas/ Biogas/ Propane/Butane.**
 - **In respect of Industrial sector/ areas where gas supply is available:**
 - (i) DG Sets upto 800 KW converted to dual fuel (70% gas :30% diesel) mode and fitted with RECD shall be permitted to run for maximum 2 hours a day to meet the exigencies of power supply failure

- (ii) DG sets of more than 800 KW converted to run on a dual fuel mode (70% gas :30% diesel) shall be permitted to run for maximum 2 hours a day subject to emission norm prescribed in Commission's Direction No.68 dated 14.09.2022

➤ **In respect of Industrial sector/ areas where gas supply is not available:**

- (i) DG Sets upto 800 KW fitted with RECD only, in areas, shall be permitted to run for maximum 1 hours a day to meet the exigencies of power supply failure.
- (ii) DG sets above 800 KW shall be permitted to run only for maximum 1 hour subject to emission norm prescribed in Commission's Direction No.68 dated 14.09.2022

➤ **In Commercial/ Residential entities:** Use of DG sets will be permitted only for operation of elevators/escalators/travelators and water pumping.

- Certification of RECD technology/vendor by I-CAT, Gurugram or ARAI, Pune or any of the agencies authorized by CPCB.
- **I-CAT, Gurugram and ARAI, Pune have been advised to expedite certification process. ICAT has so far issued certificate to a vendor for which I-CAT may be contacted**
- Dual-fuel (Gas & Diesel) mode DG Sets have been successfully in operation in the NCR and other parts of the country and there are established products/technology for the same in the market. OEMs of DG Sets may also be contacted for such conversion.
- As regards PNG infrastructure and availability of gas the Commission has taken up the matter with Ministry of Petroleum and Natural Gas and gas distribution companies of the region to expedite infrastructure works and supply of PNG in the NCR.
- The Commission has also issued Directions to DISCOMS on 22.02.2022 for ensuring uninterrupted power supply to industry in their respective jurisdiction, especially during winter months, to obviate/minimise the use of DG Sets. A review has also been conducted on their preparedness for the winter season.