

**COMMISSION FOR AIR QUALITY MANAGEMENT
IN NATIONAL CAPITAL REGION AND ADJOINING AREAS**

17th Floor, Jawahar Vyapar Bhawan (STC Building)
Tolstoy Marg, New Delhi-110001

F. No. A-11018/01/ 2021-CAQM/35

Dated: 28 .06.2023

ADVISORY FROM THE COMMISSION

Subject: Regulations for use of DG sets in NCR.

Sir,

As is well established, amongst other contributors, uncontrolled use of Diesel Generator (DG) sets is a major contributing factor for deterioration of air quality in the entire National Capital Region.

2. Till the winter season of 2022, in wake of generally prevailing adverse air quality in NCR, the Commission vide its Directions No. 54-57 dated 08.02.2022, while generally banning the use of DG sets in NCR during the restrictions under the Graded Response Action Plan (GRAP), detailed out the following emergency purposes / services for which DG sets could be used, even under the period of ban imposed under the GRAP:

- (i) Elevators / Escalators / Travelators etc. in various installations.
- (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.

3. The above noted dispensation / relaxation towards limited use of DG sets was to avoid disruption to emergent services in the backdrop of limited certified technologies/ devices being available towards abatement of high levels of air pollution from such DG sets.

4. Over the period, through detailed technical deliberations and consultations with the concerned stakeholders, the Commission evolved the means for substantial emission reduction from use of DG sets through

transition of existing DG sets to a dual fuel mode (Gas + Diesel) and retro-fitment of Emission Control Devices to substantially lower the PM levels etc. The Commission since issued various directions from time to time in this regard viz. Direction No. 68 dated 14.09.2022 read along with its related orders and Direction No. 71 dated 09.02.2023.

5. Arising from a comprehensive review of the matter to abate air pollution from DG sets, in modification of all extant directions / orders / guidelines on the regulations for DG sets, the Commission vide Direction No. 73 dated 02.06.2023 issued a revised Schedule for regulated operations of DG sets across all sectors in the NCR including Industrial, Commercial, Residential and office establishments etc. which would come in force in the entire NCR strictly w.e.f 01.10.2023.

6. It was accordingly also directed that retro-fitment of dual fuel kits or ECDs, wherever warranted as per the revised schedule, must be targeted to be completed latest by 30.09.2023, failing which the use of the Diesel genset shall not be permitted under any circumstances, anywhere in the entire NCR including for use in essential services etc.

7. In the above backdrop, it is essential that conversion to dual fuel mode and / or retro-fitment of ECDs is earnestly targeted to be completed in all sectors in the NCR including industrial, commercial, residential and office establishments etc. latest by 30.09.2023, as:

(i) There are a number of agencies / suppliers for dual fuel kits, with some of the OEMs of DG sets also providing technical support.

(ii) By far, major residential / commercial / industrial pockets in NCR have access to PNG infrastructure and supply. Even where a dedicated supply of gas may not be feasible / viable, gas availability through cascades / cylinders is a convenient option.


(iii) Certified agencies are now available for RECDs in the DG set capacity range of 125 – 500 kW. Certification of RECDs for DG sets in the capacity range 500 – 800 kW is also expected soon and between July to September, 2023 there would be ample time to plan for the retro-fitment.

8. The aforesaid guidelines may be given wide publicity for implementation, including through advertisements, radio jingles, interaction with associations etc. particularly for the sectors as listed in para 2 above detailing out the emergency / essential services for which DG sets (even

without any emission control and pollution abatement measures) were hitherto permitted to operate during periods of restriction under the GRAP.

Hospitals, residential/ office complexes, commercial entities etc. need particular attention in the matter.

9. All respective agencies / departments in the GNCTD/ NCR state governments may also be advised suitably to disseminate these guidelines and sensitize all the stakeholders in this regard.


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To,

1. Chairman, DPCC
2. Chairman, HSPCB
3. Chairman, RSPCB
4. Chairman, UPPCB

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The Chief Secretary, Government of NCT of Delhi
The Chief Secretary, Government of Haryana
The Chief Secretary, Government of Rajasthan
The Chief Secretary, Government of Uttar Pradesh
Chairman, CPCB.
The Chairperson and all Members, CAQM.


(Arvind Nautiyal)
Member- Secretary