

STANDARD & LABELING PROGRAM FOR DIESEL ENGINE GENERATOR SETS



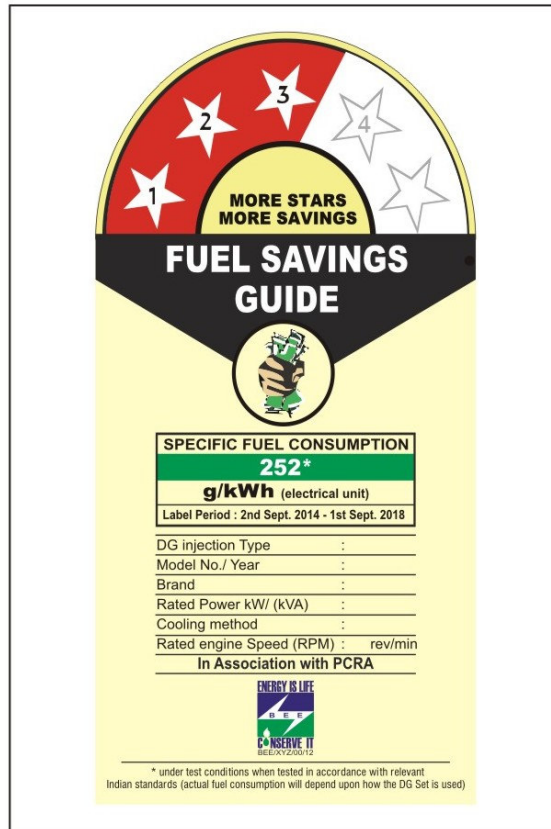
The Diesel generator sets market in India has both organized (large reputed domestic brands and international brands), and unorganized (small local) manufacturers. This segment has witnessed steady growth in the last decade to meet the standby power requirement. As per market survey report, existing number of Diesel Driven Generator sets in country is about 20 Lacs units. The overall annual market in terms of number of diesel generators sold is approx. 1.5 lac pa. It is estimated that the sector is likely to grow at a rate of 7- 8 % annually. The presence of unorganized small scale manufacturers predominately exists in Diesel Generator sets up to 25 KVA capacity. It is reported that approx.10 % of the total diesel consumption (68.4 MMT in 2013-14) has been used for captive power generation. Star Labeled products shall provide informed choice to the customer for purchase of energy efficient products resulting in reduced Diesel consumption.

PCRA in association with BEE (Bureau of Energy Efficiency) benchmarked energy efficiency standards for Diesel Engine Generator Sets. The S&L program is presently open for enrollment for DG Sets (with engine capacity upto 19 KW). The complete details of the scheme are available in the Schedule 18 on the BEE web portal.

Approved Star Rating for Diesel Engine Driven Generator Sets (with engine capacity up to 19 KW) is as under :

Star Rating	Specific Fuel Consumption (SFC) in g/KWh
1 Star	$> 302 \leq 336$
2 Star	$> 272 \leq 302$
3 Star	$> 245 \leq 272$
4 Star	$> 220 \leq 245$
5 Star	≤ 220

Energy efficiency star label shall be as cut to outlines shown below



For complete details of the scheme, visit www.beeindia.in