

ANNEXURE -A

Draft Proposal of Fuel Efficiency Norms (CAFE) i.e. CAFE- III & CAFE-IV period.

Based on the deliberations with the stakeholder and taking into consideration the major transition that the Indian car manufacturing Industry will witness, BEE proposes the following:

1. A block period of 5 years for next CAFE Cycles will be as follows:
CAFE III: 2027-2032
CAFE IV: 2032-2037
2. Existing CAFE-II norms are fixed on MIDC Cycle. It is proposed to switchover from MIDC to WLTP from 31st March 2027 for the purpose of type approval.
3. Accordingly, CAFE- III & IV targets are proposed on WLTP cycle. The proposed CAFE III & IV norms at WLTP shall be 91.7 g CO₂/Km & 70 g CO₂ /km respectively. The proposed weighted average of unladen mass in kilogram (kg) is considered as 1170 Kg.
4. Volume Derogation factors proposed for CAFE-III and CAFE-IV cycles will be as given in Table – 1.

Table -1

S.no	Vehicle Type	Existing Volume derogation factor for Super Credit	Proposed CAFE-III norms	
			2027-2032	2032-2037
1	Hydrogen (FCEV)	3	5	5
2	Pure Electric Vehicle (BEV)	3	4	4
3	PHEV (Battery Pack minimum 7 KW)	2.5	2	1.5
4	Strong Hybrid Electric vehicle	2	1.2	1

5. Proposed derogation factor for CO₂ emission reduction technology will be as given in Table – 2.

Table -2

S.no	CO ₂ Reducing Technologies	Existing CO ₂ Reducing technology derogation factor on CO ₂ Emissions	Proposed CAFE-III norms (WLTP Cycle)	Proposed CAFE-IV norms (WLTP Cycle)
			2027-2032	2032-2037
1	Ethanol (*) * Grant of derogation is subject to outcome of BEE -IIP study	NA	*0.95	*0.95
2	Regenerative Braking	0.98	0.99	1
3	Start/stop	0.98	0.99	1
4	6 or more gears	0.98	0.99	1

Note: Models under categories listed at S.no 3 & 4 in Table -1 shall not be eligible for claiming volume derogation factors for ethanol at S.no 1 under Table -2.

6. Estimation of Penalty:

It is proposed that imposition of penalty as per EC amendment Act for CAFE II, III & IV will be calculated for the cycle period. However, the assessment & reporting of performance for each OEM will be done on yearly basis.

ANNEXURE -B**List of Stakeholders**

	Designation	Organisation
1.	Director	Internation Centre for Automotive Technology (ICAT), Manesar
2.	Director	Automotive Research Association of India (ARAI), Pune
3.	Director	Indian Institute of Petroleum - Dehradun
4.	President	Society of Indian Automotive Manufacturers- New Delhi
5.	Director	Automotive Component Manufacturers Association of India (ACMA), New Delhi
6.	Managing Director	BMW India Pvt Ltd
7.	Managing Director	Corporate group- FCA India Automobiles private limited
8.	Managing Director	Honda Cars India Limited
9.	Managing Director	Isuzu Motors India Pvt. Ltd
10.	Managing Director	Tata Motors Passenger Vehicles Limited (Jaguar Land Rover Ltd)
11.	Managing Director	Kia India Pvt Ltd (erstwhile KIA Motors India Pvt Ltd)
12.	Managing Director	Mahindra & Mahindra, Mumbai
13.	Managing Director	Maruti Suzuki India Limited, New Delhi
14.	Managing Director	Mercedes-Benz India Pvt Ltd
15.	Managing Director	MG Motor India Pvt. Ltd
16.	Managing Director	Nissan Motor India Pvt. Ltd
17.	Managing Director	Force Motor Limited, Pune
18.	Managing Director	Renault India Private Limited
19.	Managing Director	Skoda Auto Volkswagen India Private Limited
20.	Managing Director	Corporate Group- Tata Motors Limited,
21.	Managing Director	Toyota Kirloskar Motor Pvt. Ltd
22.	Managing Director	Volvo Auto India Pvt. Ltd
23.	Managing Director	Hyundai Motor India Limited