

GEMA/2026-27/007

Date: 08.04.2026

To,

Shri Narendra Modi Ji

Hon'ble Prime Minister of India

Seva Teerth, New Delhi - 110011

Subject: Proposal for Introduction of Ethanol-Based Cookstoves in the Commercial Segment to Enhance Energy Security and Promote Domestic Biofuels

Respected Sir,

On behalf of the Grain Ethanol Manufacturers Association (GEMA), we would like to respectfully submit a proposal for the introduction of ethanol-based cookstoves in India, with an initial focus on the commercial cooking segment such as restaurants, canteens, institutional kitchens, and food service establishments.

India has made remarkable progress in expanding access to clean cooking energy through LPG. However, the country continues to depend significantly on LPG imports, exposing the cooking energy ecosystem to global price volatility, geopolitical risks, and potential supply disruptions. At the same time, India has built substantial ethanol production capacity under the Ethanol Blended Petrol (EBP) Program, with emerging surplus availability.

In this regard, ethanol presents a strategic opportunity as a domestically produced, clean-burning, and distributed cooking fuel, which can complement LPG and strengthen India's energy resilience.

Our analysis indicates that the commercial cooking segment accounts for approximately 10–15% of India's total LPG consumption. This segment is market-driven, operationally flexible, and therefore ideally suited for early adoption of alternative fuels without impacting existing subsidy structures.

We respectfully submit the following key proposals for consideration:

1. Pilot Introduction in Commercial Segment
2. Creation of a Regulatory Framework for Cooking Fuel Ethanol
3. Development of Safety and Standards Protocols
4. Enablement of Distribution Ecosystem
5. Phased Scale-Up Strategy

The proposed initiative offers multiple national benefits:

- Reduction in dependence on imported LPG
- Strengthening of India's energy security
- Creation of additional demand for domestic ethanol
- Support to farmers and rural economy
- Development of a resilient, distributed fuel ecosystem

We would like to emphasize that this proposal is not intended to replace LPG, but to create a complementary and resilient parallel fuel system, particularly for the commercial segment, which can be implemented with speed and minimal disruption.

We humbly request your guidance and support in enabling a pilot-led approach for this initiative. GEMA would be honored to work closely with the Government and relevant ministries to further develop and implement this vision.

We would be grateful for an opportunity to present this proposal in detail at your convenience.

Thanking you for your continued leadership and support towards strengthening India's energy ecosystem.

With highest regards,

Yours sincerely,



Dr. C. K. Jain, President

Copy to:

- 1) Sh. Amit Shah Ji, Hon'ble Home Minister, MHA, Kartavya Bhawan-3, Central Secretariat, New Delhi
- 2) Sh. Hardeep Singh Puri Ji, Hon'ble Minister, MoPNG, Kartavya Bhawan-3, Central Secretariat, New Delhi
- 3) Sh. Piyush Goyal Ji, Hon'ble Minister, MCI, Vanijya Bhawan, New Delhi
- 4) Sh. Pralhad Joshi Ji, Hon'ble Minister, DFPD, Krishi Bhawan, New Delhi
- 5) Sh. Tarun Kapoor Ji, Advsiar to PM, Seva Teerth, New Delhi
- 6) Sh. Suman Bery Ji, Vice Chairman, Niti Aayog, Sansad Marg Area, New Delhi

Enclosed:

- 1) Presentation on Ethanol-Cookstoves-in-India