GOVERNMENT OF INDIA
NITI AAYOG
***

11th January, 2017

Sub: Constitution of Sub-Committee on Turbine Based Power Plant.

Indian Railways is planning for "Upgradation of Technology and leveraging make in India" in Railways. Also Ministry of Railways has decided to set up "Special Railway Establishment for Strategic Technology & Holistic Advancement" (SRESTHA). In this context various options are being studied for locomotive power. One of the options for this is the Turbine based power plant. In order to carry out the detailed study in this area following Sub-Committee is constituted.

1.	Mr. N K Gupta	Ex. Proj. Dir (Cryo) ISRO	Chairman
2.	Prof. N S Vyas	IIT Kanpur	Member
3.	Dr. Anirudha Gautam	GM/RITES	Member
4.	Mr. Amit Kumar	Sc. E GTRE	Member
5.	Mr. Dharmendra Singh Kushwah	SC. E GTRE	Member
6.	Mr. Satish Kumar	Cple DMW Patiala	Member
7.	Dr. A K Singh	CDE, DLW	Member
8.	Shri V K Agrawal	ED/RDSO	Member
9.	Mr. K B Raja	Addl. GM BHEL	Member
10.	Mr. T E Josekutty	CTF NTPC	Member
11.	Mr. Ravinder Gupta	IR org for Alternate Fuels	Member
12.	Mr. Alok Kumar	Conv. AGE	Convenor

The terms and conditions of the Sub-Committee will be as under:

i. To study turbine based power plant for locomotive with full details on mechanism for power transmission for traction. A comparative study must be carried out with alternative options for locomotive power. Deliberations should include system complexities, R&D involved, cost in terms of hardware and test facilities etc.

ii. In order to induct Turbine based power in Locomotive at the earliest, the feasibility of Kaveri Engine of GTRE must be studied in detail. Hardware involved and their realisation plan must be brought out in detail along with cost and time schedule.

iii. The Sub-Committee can co-opt members as and when necessary.

iv. The Sub-Committee should submit its report within three months of issues of this order.

The undersigned can be contacted for further guidance.

(Dr. V K Saraswat)
Member, NITI Aayog &
Chairman AGE

Chairman & Members
Director GTRE,
ED, BHEL Ramchandrapuram
Dr. Arun Kumar Sinha ED (Engg.) NTPC
DG RDSO