

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:2242
ANSWERED ON:22.08.2013
MODERNISATION OF POWER PLANTS
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Will the Minister of POWER be pleased to state:

- (a) the details of the works undertaken regarding renovation, modernization and life extension of old and inefficient power generation units including the thermal power plants during the last three years and the current year, plant/unit-wise;
- (b) the details of such projects on which work has not been completed on time along with the reasons for delay, project-wise;
- (c) the details of the increase in the Plant Load Factor (PLF) of the power plants during the said period due to the renovation and modernization works;
- (d) whether any responsibility has been fixed against the erring officers responsible for delay in completion of such works; and
- (e) if so, the details thereof and if not, the reasons therefor?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

- (a) : As reported by Central Electricity Authority (CEA) the details of the works undertaken regarding Renovation and Modernization (R&M)/Life Extension (LE) of old and inefficient power generation units including the thermal power plants during the last three years and the current year, plant/unit wise is annexed (Annex-I).
- (b): The details of Hydro and Thermal power plants unit-wise on which work has not been completed on time along with the reasons for delay is annexed (Annex-II).
- (c) : The R&M works of thermal power plants is mostly focused on addressing issues of sustenance of current performance levels, removal of technological obsolescence of equipments/components, generic defects compliance to statutory/environmental norms, etc. The life extension (LE) works on the other hand focuses on plant operation beyond their original design life after carrying out specific life assessment studies of critical components. Although R&M and LE works are not essentially aimed to increasing Plant Load Factor (PLF), increase in PLF has been achieved in some units after completion of LE works. Details Annexed (Annex-III).
- (d) & (e) : Renovation and Modernization (R&M) and Life Extension (LE) works are taken up for increasing power generation capacity of old thermal power plants by various State and Central Power Utilities depending on their requirement. It is the joint responsibility of concerned utility and the equipment supplier/executing agency for completion of project in time.