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To

The All CGMs & GMs/Op
Under DHBVN.

DSM INSTRUCTION NO.III

Memo No. Ch. 3/EA-105

Dated: 25.03.2008

Subject: Industrial Motor efficiency program-DSM measures.

DHBVN has an integrated DSM plan for FY 2007-08. Motor efficiency program is one among them. Improving the efficiency of industrial motors is being given prime importance.

You are aware that industrial load contributes significantly to the system base load and hence improving the efficiency of this particular end use will definitely tend to reduce the system peaks. Recent developments in motor design have achieved significant gains in efficiency. The use of variable speed drives will allow motor speed to be regulated to the needs of the process. High efficiency motors are no doubt expensive on an average by 20 to 40% than the standard motors but considerable energy savings will be achieved by reduced peak demand and savings shall justify the initial capital expenditure.

You are, therefore, requested to conduct seminars with the industrial associations on the issue of variable speed drives & efficient motors. It is also re-iterated that this office has already issued instructions vide this office memo No. Ch.43/EA-80 dated 31.01.2008 for conducting energy audit of all industries through certified energy auditors, and the outcome of these energy audits and their recommendations should be sent to this office for record. Needless to say the energy audit recommendations should be got implemented by the industries for the sake of energy conservation.

You are again requested to ensure awareness on variable speed drives & efficient motors and get the energy audit conducted on all industries through certified energy auditors.

**GM/DSM-Cum-Energy Audit
DHBVN, Hisar.**

