

No. IPH-B(A)4-1/2018
Government of Himachal Pradesh
Irrigation & Public Health Department

From:

The Secretary (I&PH) to the
Government of Himachal Pradesh.

To:

1. The Managing Director, HPSEBL
Vidyut Bhawan Shimla-4.
2. The Managing Director, HP Power
Transmission Corporation, Khalini Shimla-2
3. The Engineer-in-Chief, I&PH,
U.S. Club, Shimla-1.
4. The Chief Engineer (D&M), I&PH
Department Jal Bhawan, Kusumpti Shimla-9.
5. The Executive Engineer, I&PH
Division Sunni, Distt. Shimla, H.P.

Dated Shimla-171002, the 29/05/2018.

Subject :-

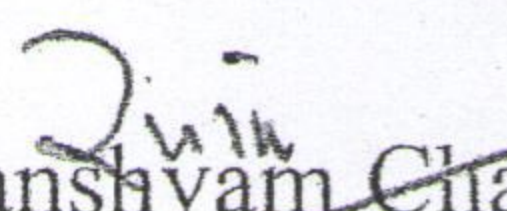
Minutes of the meeting of Working Group
constituted by the Cabinet for the purpose of
reducing heavy electricity bill of IPH
Department.

Sir,

I am directed to enclose herewith the photocopy of
minutes of the meeting of Working Group constituted by the Cabinet for the
purpose of reducing heavy electricity bill of IPH Department held on
19.05.2018 at 11.00AM under the Chairpersonship of the Secretary (IPH) to the
Government of Himachal Pradesh.

You are, therefore, requested to take action as per the
decision of the meeting.

Yours faithfully,


(Ghanshyam Chand)
Additional Secretary (I&PH) to the
Government of Himachal Pradesh

Minutes of the Meeting of WORKING GROUP constituted by the Cabinet for the purpose of reducing heavy Electricity bill of IPH department.

The 3rd meeting of the Working Group was held on dated 19-5-2018 , under the chairmanship of secretary IPH and the following officers also participated;

1 Jai Prakash Kalta , MD ,HPSEBL Govt. of HP Member

2 Anil Bahari, EnC I&PH Department , Govt. of HP

3 Ghanshyam Chand, HPAS ,
Additional Secretary , IPH

to the Govt. of HP.

Member Secretary

After detailed discussion on the ATR of 2nd meeting of the 'Working Group' , the following decisions were taken;

	Issues	Action proposed in first meeting	Action Taken/proposed in 2 nd meeting.	Action proposed in third meeting.
1	Study the aspects to modernize and automize the pumping machinery of IPH Schemes	A committee has been constituted under the chairmanship of CE Mandi zone to study the extent of automization including using solar power. The report is expected to be submitted by the end of April 2018. It was further decided that IPH department would study the possibility of installing VFD (variable frequency drive) M/c' s in the WSS & Irrigation Schemes.	It was informed to the Group that the designated Committee has held its first meeting and has outlined the scope of automation in IPH schemes. MD Hpsebl , while discussing on the point observed that any proposal of automation of the schemes should take in account the status of existing switch gear and its compatibility with automatic controlling of machinery. The issue of using VFD m/c's was also discussed at length concluded that IPH's	It was decided that the committee constituted under the chairmanship of CE Mandi , should submit its report within 15 days positively. It was also decided that IPH department would arrange a presentation on MFM (Multi functional meter) in association with SE commercial HPSEBL and introduce pilot at three large schemes of the department. EnC will constitute a team of Engineers and submit ATR in 15 days.

			<p>automatic controlling of machinery. The issue of using VFD m/c's was also discussed at length concluded that IPH's schemes don't require VFD machines and therefore, this point stand dropped. MD Hpsebl also nominated shri MP Gupta SE , Hpsebl to associate with the designated committee for finalizing extent of automation in IPH schemes.</p>	<p>schemes of the department. EnC will constitute a team of Engineers and submit ATR in 15 days.</p>
2	To start Smart Metering in IPH schemes	<p>The issue was discussed in detail. It was placed on record by MD HPPTC that the HPSEBL has installed meters which are capable of recording Time Of Day Usage , therefore , there seems to be no need for installing Smart meters having remote communication feature. Such meters need additional automatic metering infrastructure which would add on more cost to IPH Department</p>	<p>It was decided to drop this point from further discussion.</p>	<p>Same as before.</p>
3	To adopt Time Of Day System in IPH Department	<p>It was placed on record by Chief Engineer HPSEBL that the board all ready has the facility of extending concession for consumers who operates in lean hours. The extent of concessions are as follows;</p> <p>It was ,therefore, decided that EnC IPH will study the power bills of all major schemes which operates 24*7 and figure out whether this concession is being availed by the IPH Department. Further , ENC would also study the possibility of shifting running of schemes to lean hours which operates for 10 to 12 hours a day.</p>	<p>Enc IPH to submit scheme wise details which can be operated during lean hours. Detailed report may be placed in next meeting so that extent of saving on this account could be figured out.</p>	<p>EnC to submit detailed report in 15 days.</p>

4	To study the energy audit report (IGEA) submitted by EESL	The EESL has submitted report for two district so far. It was decided that ENC IPH will study the report and submit its finding in next meeting	Action by EnC IPH and detailed report to be placed in next meeting.	EnC to submit detailed report within 15 days.
5	Any other issues	<ul style="list-style-type: none"> • IPH Department to study scheme wise whether the 'charge able contract demand' has been recorded appropriately in the billing system. The 'chargeable contract demand' should be less than the connected load. The consumer has option to change CCD twice in a year. The demand charges in the bill are directly proportional to the CCD. • All the schemes should have automatic power factor controller. • Transformers should be placed as nearer to the pumping stations as possible. • IPH being the largest consumer of HPSEBL , petition should be filed in Regulatory Commission to supply power to IPH Schemes on subsidized rates. • IPH being the largest consumer of Power , one consultant be appointed for settling issues related to HPSEBL and sensitizing all engineers of IPH department on efficient management of electrical m/c's. and dealing with HPSEBL. on energy issues. 	<ul style="list-style-type: none"> • ENC to put up detailed status in next meeting. MD Hpsebl and MD Hptcl , both opined that this could be the single largest segment where energy charges could be saved by the IPH department. ENC may , therefore , place on record the facts and figures on this point in the next meeting. • Standard SOP to be reiterated to all field officers by ENC IPH. • ---do--- • It was observed that IPH department can also file appeal before the RC as a stakeholder on issues related to energy. • The process for selection of consultant may be closed within one week positively. 	<p>EnC to submit list of large schemes to HPSEBL for analysis of the CCD vis-a vis connected load and put up ATR within 15 days.</p> <p>EnC also to ensure compliance on rest of bulleted points under this issue.</p>

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At the end , Secretary IPH reiterated that the ATR be submitted by the EnC in next 15days and meanwhile an interim report be submitted to the Cabinet as per suggestions of the Working Group.The meeting ended with a vote of thanks to the chair.

Ghanshyam Chand, HPAS

Additional secretary IPH , Govt. of HP