

EFFICIENCY AND ECONOMY

IN

**THE IRRIGATION AND
POWER SECTOR**

**REPORT OF THE
STUDY GROUP
SET UP BY
THE MINISTRY OF IRRIGATION & POWER**

NEW DELHI

1956

Sir,

1. At a meeting held on 18.5.56 under your chairmanship, you had constituted a Study Group to make a study of the problems relating to efficiency and economy in the field of irrigation and power. We were instructed to consolidate and crystallise the thinking available for securing these aims and make recommendations. Our aim was to submit an "action document". The results of this attempt are in the enclosed report.

2. Soon after we started our discussions, we felt that a study in regard to efficiency and economy should be made through those who are directly involved in particular problems in order to bring in their thinking and also initiate a process of mutual education between the Study Group and those dealing with the problems. After framing an outline scheme of the report, we requested these officers to join the drafting committees for individual chapters. The composition of these Committees is given at Encl.

3. In fact, after our preliminary six meetings we realised that the Study Group cannot avoid dealing with the problems relating to "Organisation, Personnel and Attitudes". We, therefore, requested Sarvshri Kanwar Sain, Bahl, Ripudaman Singh, Kshetrapal, Hayath, Bhargava, Dhir

and Yadava Mohan to contribute to the study of the problems of Organisation, Personnel and Attitudes. This report is thus not the work of the members of the Study Group alone, but is in fact the result of coordination of the thinking of the officers in the Ministry, the C.W. & P.C. and the Planning Commission. Its informality was no hindrance to its work. In fact, the informal approach permitted us to stimulate thinking amongst ourselves as well as amongst officers concerned with individual problems. A Study-Group by definition, recognises only one status, i.e. the person who has given thought to the problems. The report has also brought in a good deal of coordination of thought and crystallisation secured through individual discussions with concerned officers.

4. Despite the valuable information obtained at the Irrigation & Power Seminars, we still felt the need for obtaining further thinking, analysis or views in regard to a number of issues from the projects to enable us either to see the problem little more clearly or in attempting a recommendation. We have thus had the benefit of the views and experience on various matters and problems from the Chiefs of the projects.

5. The same urge took three members of the Study

Group to Nangal in order to understand the place of work studies, cost accounting and cost control in river valley projects. A list of the notes and comments contributed for assisting the Study-Group is enclosed along with a set of notes.

6. A Study-Group's primary function is to be self-critical. By definition, our emphasis is, therefore, on "exposing" - what remains to be done, and we have hardly referred to the tremendous achievements in the Irrigation & Power Sector which are rightly the source of pride to the Nation.

7. We are most grateful for the opportunity to make the study which has been indeed a most stimulating experience. We hope it has led to a good deal of coordination of minds, thought and attitudes in the Ministry, CWPC, the Planning Commission and the Projects. We hope such Studies will be made periodically.

8. We recommend that this report should be discussed in the Irrigation and Power Seminar to be held in January 1957, at Hirakud. There should be a systematic follow-up of this report.

9. Shri Kolet feels that so far as the suggestions in the report for strengthening the arrangements are

concerned, each case will have to be specifically looked into. We agree with this view.

10. We shall like to record our appreciation of the assistance that was given to us by Shri Dhawan and later by Shri Venkatesan.

sd/-

Dr.K.L. Rao.... Chairman
13.12.56.

L.P. Bhargava.
13.12.56.

S.S. Kumar.
14.12.56.

S.Venkataraman
13.12.56.

E. Kolat.
(on tour)

Hari Singh.
14.12.56.

P.C. Suri: Convener.
13.12.56.

Shri T.Sivasankar, ICS,
Secretary to the Govt. of India,
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Shri T.Sivasankar, ICS,
Secretary to the Govt. of India,
Ministry of Irrigation & Power,
New Delhi.

LIST OF THE OFFICERS WHO JOINED THE DRAFTING
COMMITTEES FOR INDIVIDUAL CHAPTERS.

Chapter I.

Shri George Oommen.	C.W. & P.C.
Shri S. Ranier.	Finance.

Chapter II.

Shri K.L. Vij.	C. W. & P.C.
Shri P.L. Chopra.	-do-

Chapter III.

Shri B.S. Kohli.	-do-
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Chapter IV.

Chapter V.

Shri V. Venugopalan.	C. W. & P.C.
Shri K. Ramesh Rao.	-do-

Chapter VI.

E F F I C I E N C Y A N D E C O N O M Y

I N

T H E I R R I G A T I O N A N D

P O W E R S E C T O R

R E P O R T O F T H E

~~S T U D Y~~ G R O U P

S E T U P B Y

T H E M I N I S T R Y O F I R R I G A T I O N & P O W E R

N E W D E L H I

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C O N T E N T S.

<u>Chapter No.</u>	<u>Name of the Chapter</u>
I	Approach
II	Investigation, Designs & Estimation upto Pre-Construction Stage.
III	Construction Stage.
IV	Development of Irrigation and Power benefits.
V	Coordination of Knowledge and Experience, and improving the instruments of Control and Planning.
VI	Organisation, Personnel and Attitudes.
