

Home(1918) Department.
Education

Ordinary SERIES.

G.O. No. 530

DATED 25-4-18

INDEXED

[Despatch Abstract.]

Legislative Council question.

Recording papers relating to the question asked by the Honourable Rao Bahadur M. Ramachandra Rao at the meeting of the Legislative Council held on the 3rd April 1918 regarding the utilisation of water power for the generation of electricity or for other industrial purposes.

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Con A
632
4. 3. 18

QUESTION.—No. 3

for the meeting of the Legislative

Council to be held on the 3rd April 1918

SUBMITTED that two copies of this Question may be forwarded to the
Home (Ed.) and Public Works Department with reference to Nos. (1) and (4) of the
rules regulating Secretariat procedure in dealing with these Questions in the
Legislative Council. Orders regarding admission will be communicated in due
course.

V. TK
4. 3. 18

U.O. No. 550-2 dated 4-3-18

To

The *Home (Education)* Department. with Q. 3.



Local and Municipal (Legislative) Dept.

The Hon'ble Rao Bahadur M. Ramachandra Rao Pantulu.

Home (Education) Department.
Public Works Department.

Q.3. Will the Government be pleased to state whether the possibility of utilising water power for the generation of electricity or for other industrial purposes has been investigated in this presidency as suggested in paragraph 62 of the recommendations of the Octacamund Industrial Conference held in 1908. If not will the Government consider the advisability of appointing an officer to investigate this subject?

7-3-15

CR.

7-3-15

Home (Educational) Dept.



4

(initials)
P.W. Dept.

B.S.
D.S.
W

The recommendations of the Industrial Conference held at Ootacamund in 1908 ^{have been} ~~was not~~ received in this department. It is not known what action was taken thereon in the Rev. dept., which ^{had under its control} ~~was then in charge~~ of the Industries dept. Apparently the Home (Eds) dept. will answer the question on p. 2 ante. If that dept. require ~~any~~ ^{from the P.W.D.} information on any particular point, it will be furnished. With these remarks, the file may, it is submitted, be sent to the Home (Eds) dept. w.o.

to
7-3-18.

CR.
7-3-18.

Home (Educational) w.o.

Srown
8/2/18

W.S.
8/2/18

* The receipt register of 1908, 09
+ 10 ^{was} ~~examined~~.

X Deposited in
Go No 2594 Rev (T)
17-10-08

* The Industries dept. is
now under the control of Home (Eds)
dept.

Com A

700

8-3-18

Now 723427

8-3-18

103-813
W.S.

8/3/18



al

P.T.D.

Home (S. 2) 296

In the year 1892 Mr Chatterton framed certain proposals for the utilising water power in Southern India. The Govt then observed that on completion of the Periyar Project enormous water power would be available and that its utilization for industrial purposes might very largely increase the anticipated returns from the project without prejudicing its primary use. Vide para 1 on page 11 of G.O. 3472 W Public Works D 20.2.92. There was also correspondence on the subject between the Secy of State and the Govt (in the P.W.D.) vide despatch of 16.1.94 flagged R.

2. The Industrial Conference held at Cochin in 1908 passed a resolution that "the possibility of utilising water power for the generation of electricity or other industrial purposes should be investigated" - Attention is also solicited to the note on "Electric Power" on pages 63-64 of "Papers relating to the Industrial Conference held at Cochin" in 1908.

Mr Chatterton submitted in 1908 a revised scheme for the utilization of the Periyar Water power but the scheme fell through when it was referred to the Govt of India owing to objections raised by the Inspector-General of Irrigation - Cf para 34 on p. 14 of the "Memorandum on the Development of Industries in this Presidency" dated the 25th June 1909. Thus all the pre-

Resolution No. 62 on page 220 of "Papers relating to Industrial Conference 1908"

11 May E

(N)

on the subject ^{are} ~~appears~~ in the P.W.D. (Irrigation) ^{Let's} ~~Dept.~~ ^{that will presumably deal} ~~with this question.~~ It is therefore subd that this file may be transferred to that Dept. u.o.

15-3-10

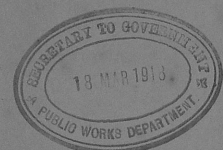
None (53) appears to have nothing to contribute to this function. I don't think, either, that we can say that the appointment of a special officer at this stage would be of any great value to the Dept. of industries. The file may go to P.W.D. u.o.

Yes
16-3-10

P.W.D. (u.o.)

P.W.D. 91

A list of localities suitable for the generation of electric power with particulars of discharge, etc., was circulated to Suptg. Engineers of Circles and Collectors of Districts and was also furnished to the Director-General of Commercial Intelligence - vide G.O. Nos. 255-56-I., dated 15-7-1908. So far as



Flag 4

the water power of the Periyar is concerned, the Government of India stated with reference to the scheme drawn up by Mr. Chatterton in 1909 that before further steps were taken in regard to the -- scheme, its possible effects on future extensions of irrigation should be considered - vide G.O.No.32-I., dated 25-1-1912. Mr. Garrett, a retired Chief Engineer of Madras, applied in 1909 for a concession for the Periyar water power, the object being the manufacture of nitrate or cyanamide for purposes of -- manure. Reference is in this connection invited to ~~this~~ ^{para} page 5 of this Government's letter No. 140-I., dated 6-5-1911. A draft concession proposed to be granted to Mr. Garrett was submitted to the Government of India with letter No. 360-I., dated 28-8-1917, but the Government of India have called for further information and the subject is under consideration. The investigation of the Hogenkall ~~Nann~~ falls is in progress.

2. The Govt. of India recently enquired whether the ~~value~~ ^{question} of utilising for electrical energy existing water storage or power sites have been recently considered with reference either to large industrial developments or agricultural improvements such as Sugar Factories, Oil Mills, etc. A note prepared in this office was sent to P.W.D.(General) with u.o. No. 886/16-I dated 11-2-1918, with the request that the reply to India might be sent by them.

3. The Resolution of the Industrial Conference held in 1908 at Ootacamund referred to in the Question is not in the file. The question refers to the utilisation of water power for generation of electricity or, for other industrial purposes. It seems more appropriate that the question should be answered either in P.W.D.(General) which deals with 'electricity' or in Home (Education) which deals with

* submitted with fr. $\frac{2742}{286}$ of

Ray 'w'
B. vide fr. $\frac{1392}{6.5H}$ 'q'

It is now 'nitroline'
Ray 'q'

(Cm 1275/18)
do not put up

Vide C.No.814/18.

File not put up

* Since put up

The Periyar ~~pick~~
Hogenkall schemes
can be only now by
investigation & P.W.D.

NOTES.

with "Industries". So far as this Department is concerned, there appears ~~no necessity~~ to be necessity for the appointment of a Special Officer as asked for in the question.

4. With the above remarks, the file may, it is submitted, be returned to Home (Education) through P.W.D. (General) - vide their note on page 3 supra.

20.3.1918

W.H.

W.H.

P.W.D. (Irrigation) is concerned only with the Periyar concession (see p. 6 ante) & the Hogenkal falls. A special subordinates is at present investigating the latter. The remaining schemes for the generation of power (Siruvani, Kundah river, Pykara river, Sandy hulled, &c.) have all been dealt with in P.W.D. (G.L.)

P. W. D. IRRIGATION.

U. O. No. 1842/14-9.

Date 21.3.18

W.H.

W.H.
20.3.18

P.W. CN. 790 Wks B
21.3.18

S.M.S.
W.P.
W.H.

P.W.D. (G.L.) W.O.

Certain preliminary investigations into the utilisation of water power have been made in recent years by the P.W.D.-

(a) On the Siruvani river in the Coimbatore district a site for a reservoir has been selected with the object not only of giving Coimbatore town a water supply but also to store up sufficient water to generate several thousand horse-power. Preliminary investigation has been completed and further work is now in progress in connection with a site for the dam and tunnel.

(b) A proposal to utilise the Pykara falls on the Nilgiris has been in view for some time. Minimum flow gaugings have been taken for the last five years, and the fall is known. The scheme cannot be proceeded with any further at present as it is impossible to say now what the plant will cost, and in consequence the cost of generation cannot be ascertained. Until this latter figure is known the question of a market for the power generated, or the financial prospects for the utilisation of such power cannot be settled. (These facts apply generally to all hydro electric and other water power schemes at present).

(c) The Kundah river on the Nilgiris has also been gauged, and the minimum flow ascertained.

(d) The Ootacamund Municipality have in contemplation the electrification of the town from a fall on a stream near Ootacamund. Dry weather gaugings have been taken and a site selected for a power station.

It does not seem necessary to give the Additional Member this information in detail.

Home (Educational)
Legislation

22.1.18



P.W. 790 WK 10-1

22.3.18

Vide Resolution No. 15
15.3.18

(Faint handwritten notes, likely bleed-through from the reverse side of the page.)

Home (25th) Sept.

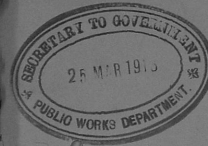
page 5 to 8 supra.

Both the P.W.D. and the P.W.D. (N) have schemes under consideration for the use of water power, but they consider that the question is not one for them to answer. Though the suggestion that the possibility of utilising water power for the generation of electricity or other industrial purposes was made by the Industrial Conference, schemes for the utilization of such power have, both before and after the conference, been dealt with by the Public Works Dept. and there are no papers on the subject in this Dept. But as the P.W.D. say that they are not in a position to frame an answer to the question a draft reply may be prepared in this Dept. which may however be sent to that Dept. for acceptance. The following draft answer is for approval:-

Please see ship (C)

~~Handwritten text at bottom of page~~

The subject is eng the attention
of the Govt."

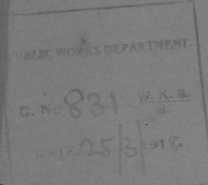


SK
25.3.18.
25/3/18

Was P.W.D. under this draft answer?
L
25/3

no. 622 A-1
25.3.18

Photo
Photo (9) no.



D.S.
W

Please see the proposed
draft answer above. If the Home
(Ed.) Dept intend to further consi-
der the question of appointing a
special officer to investigate the
subject, the answer seems to
meet the case. If however there
is no such intention, it seems
desirable to state in reply to the
question what schemes have been
so far investigated & that it is
not proposed to appoint a special
officer. With these remarks the file
may be passed on to P.W.D. (2).

Phy
25.3.18

W
25.3.18

2016/18-4

I would advise W. and a certain number of schemes being investigated. It is not necessary at this stage to appoint a special officer."

Investigating
Department
of Agriculture
and Forestry

SPM
25/3/18

P.W.D. (S) no

The draft answer with the addition proposed above by 'W' is accepted.

L.H.
25.3.18

Home (Educational) no.



Home Department,
(Education).

The draft answer as amplified by the P.W.D. is as follows:—

"The subject is engaging the attention of the Government and a certain number of schemes are being investigated. It is not considered necessary at this stage to appoint a special officer".

SK
26/3/18.

S.
27.3.18

N.K.
26/3/18

LWS
27.3.18

28.3.18

P. W. D. IRRIGATION.

U.O. No. 2016/18-4

Date 26.3.18

70

28.3.18

29/3

Home Secretary
29/3/18

[Faint handwritten notes, mostly illegible]

W.H.

W.H.

Utilization of
water-power.

7 Q.—Will the Government be pleased to state whether the possibility of utilizing power for the generation of electricity or for other industrial purposes has been investigated this Presidency as suggested in paragraph 62 of the recommendations of the Ootacam Industrial Conference held in 1908? If not, will the Government consider the advisability appointing an officer to investigate this subject?

7 A.—The subject is engaging the attention of the Government and a certain number of schemes are being investigated. It is not considered necessary at this stage to appoint a special officer.

Submitted that the papers may
be Order No 5-30 of 25. 4. 18

'Recorded'

Recd. & deposited
in the
25.5.18

84
23/4/18.

11/4
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Copy to the Officer
in charge of the
Dept of Industries
to the P.W.D. with
copy of
Sheshon
Karnar.

27/10/18

When given for copying
 When copied
 When examined
 When signed

191

Read again G.O. No.
 191

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DETO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
 IN ORIGINAL.

N.B.—

A — Copy in full.
 B — Not to be copied.
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