

whether in use or not in such good and safe condition as in the opinion of the Minister to be unlikely to cause any danger to life or property.

11. It shall be lawful for any person acting as an Inspecting Engineer of the Ministry of Energy (Electricity Division) at all times after the grant of the consent whether during or after the construction of any works to enter upon and inspect such works for the purpose of ascertaining whether these conditions are complied with, and for that purpose to require that any motive machinery be set in motion and to take specimens of material, make tests and measurements, and do all other things reasonably necessary or convenient for the purposes of such inspection, and the grantee will at all times comply with the reasonable requirements of any such person in the premises.

12. If the parties so agree it shall be lawful at any time for the grantee to surrender this consent and the Minister to accept such surrender subject to such terms and conditions as may be agreed upon.

13. Neither the granting of the consent nor anything in the consent expressly or by implication contained shall affect or prejudice any liability imposed by law on the grantee to pay compensation or damages to any person arising by reason of the exercise by the grantee of the powers conferred by the consent.

14. The rights granted by the consent shall be subject to all existing rights theretofore granted and validly held and enjoyed under any enactment or otherwise.

15. If at any time during the continuance of the consent the grantee fails or neglects to observe, perform, and comply with any of the provisions in the consent expressly or by implication contained, or otherwise makes default in complying with the terms of the consent, then the Minister may forthwith by notice in writing to the grantee revoke and determine the consent.

16. The grantee of this consent must give notice to the Ministry of Energy (Electricity Division) Wellington of any change of address of the grantee, or of the registered office, or usual place of business of the grantee.

17. (a) Any notice to be given to the grantee shall be sufficient if served personally on the grantee or (in the case of the grantee being a corporate body) delivered at the registered office or usual place of business of the grantee to a person appearing to have for the time being the control of such premises, or sent by registered post letter addressed to the grantee at the postal address set out in the application for a consent or any subsequent address notified by the grantee to the Minister.

(b) Any notice to be given on the part of the Minister shall be sufficient if given in writing signed by the Minister or by any person purporting to act on behalf of or under the authority of the Minister.

(c) Any notice to be given to the Minister shall be sufficient if given in writing delivered to or sent by registered post letter addressed to the Deputy Secretary, Ministry of Energy, Electricity Division, Private Bag, Wellington.

18. The stations in each scheme shall be operated to supply the normal electricity demand of two electrical supply authorities forming the Tauranga Joint Generation Committee, and not used to reduce the peak demand on the Electricity Division of the Ministry of Energy other than due to the normal operation of the stations in the schemes.

SCHEDULE

LOCATION AND GENERAL DESCRIPTION OF WORKS

1. *Lloyd Mandeno Scheme*—The water for the Lloyd Mandeno Scheme shall be taken from the Opuiaki River at a point in Pt. Whaiti Kuranui 5D2, Block III, Tapapa East S.D.; from the Tauwharawhara Stream at a point near the boundary of Pt. Whaiti Kuranui 5D2, and 5A, Block III, Tapapa East S.D.; and from the Ngatuhua River at a point in Pt. Whaiti Kuranui 5A, Block III, Tapapa East S.D.; from the Awakotuko Stream at a point in Pt. Kaimai 2D, Block IX, Otanewainuku S.D.; and from the Mangaonui Stream at a point in Pt. Kaimai 2D, Block IX, Otanewainuku S.D.; from the Mangapapa River at a point in Pt. Tauwharawhara No. 4, Block IX, Otanewainuku S.D.; from the Ruakaka Stream at a point in Pt. Te Papa-Paengaroa 2 A Block X, Otanewainuku S.D., from the Omanawa River at a point in Pt. Te Papa-Paengaroa 2 G Block X, Otanewainuku S.D.; and from the gully in Pt. Kaimai No. 1C, Block IX, Otanewainuku S.D.; and the water shall be used for the generating of electricity by means of the following works:

- (a) Headworks consisting of the necessary diversion weirs and intakes on the Opuiaki, Ngatuhua, Mangapapa, and Omanawa Rivers, and the Tauwharawhara, Awakotuko, Mangaonui and Ruakaka Streams.
- (b) Tunnels, pipes, and canals, leading from the intakes from the said rivers and streams to the reservoir hereinafter mentioned.
- (c) A dam across the Mangaonui Stream forming a reservoir.

- (d) An intake on the said reservoir and a tunnel and canal leading to the forebay, hereinafter mentioned.
- (e) Forebay and penstocks leading to the powerhouse hereinafter mentioned.
- (f) A powerhouse with a turbine and all necessary equipment for generating electricity having a maximum capacity of 15 000 kW.
- (g) A tailrace leading from the powerhouse aforesaid to the Mangapapa River.

2. *Lower Mangapapa Scheme*—The water for the Lower Mangapapa Scheme shall be taken from the Mangapapa River at a point adjoining Allotment 498 of Block V, Otanewainuku Survey District, and returned to the river at a point adjoining Lot 1, D.P. S. 10437, of Allotment 486, Block V, Otanewainuku Survey District, and the water shall be used for the generating of electricity by means of the following works:

- (a) Headworks consisting of a dam and spillway and an intake.
- (b) A tunnel, surge-shaft, and pentstock leading from the said intake to the powerhouse.
- (c) A powerhouse with a turbine and all necessary equipment for generating electricity having a maximum capacity of 6000 kW.
- (d) A tailrace leading from the powerhouse to the Mangapapa River and Lake McLaren Reservoir.

3. *McLaren Falls Scheme*—The water for the McLaren Falls Scheme shall be taken from the Mangakarengorengo River at points in Kaimai No. 1 Block, Block V, Otanewainuku Survey District and returned to the Wairoa River at a point below McLaren Falls and the water shall be used for the generating of electricity by means of the following works:

- (a) Two diversion tunnels leading from the intakes in the Mangakarengorengo River in an easterly direction to the Mangapapa River.
- (b) Headworks consisting of a main dam and spillway dam in the Mangapapa River giving a static head of approximately 25.3 m as indicated in the said plan SHD 418.
- (c) Headgates and an intake with a tunnel leading to a surge tank and a pipeline therefrom to the powerhouse hereinafter referred to.
- (d) Water turbines, generators, and all necessary hydraulic and electrical equipment housed in a powerhouse situated on the right bank of the Wairoa River at the foot of McLaren Falls.
- (e) A tail race leading from the powerhouse aforesaid to the Wairoa River.

All these works as indicated on plan marked SHD 418, deposited in the office of the Electricity Division of the Ministry of Energy at Wellington.

4. *Ruahihi Scheme*—The water for the Ruahihi Scheme shall be taken from the Mangakarengorengo River at points in Lot 1, D.P. 37373, being Pt. Kaimai No. 1, Block V, Otanewainuku S.D.; from the Opuiaki and Mangapapa Rivers, including the various waters described above diverted by the Lloyd Mandeno Scheme, at a point in Lot 1, D.P. S. 9907, being Pt. Allotment 475, Te Papa Parish, Block V, Otanewainuku S.D., and from the Mairoa Stream and two minor streams, intercepted by the canal works at points in Allotments 703, 463, and 643, Te Papa Parish, Blocks I and V, Otanewainuku S.D., and the water shall be used for the generation of electricity by means of following works:

- (a) Headworks consisting of a diversion weir and intakes on the Mangakarengorengo River and diversion tunnels leading to the Lake McLaren Reservoir; a dam across the Mangapapa River forming the said reservoir; and an intake on the said reservoir adjacent to the existing McLaren Falls intake.
- (b) A canal, pipelines, and penstocks leading from the said headworks to the powerhouse hereinafter mentioned.
- (c) A powerhouse with turbines and all necessary equipment for generating electricity having a maximum capacity of 20 000 kW and discharging into the Wairoa River.

The said Ruahihi Scheme being shown more particularly on the plan marked NZE 1045, deposited in the office of the Electricity Division of the Ministry of Energy at Wellington.

All the above schemes as shown on the plan marked NZED 915, deposited in the office of the Electricity Division, Ministry of Energy at Wellington.

Signed at Wellington this 20th day of March 1985.

R. J. TIZARD, Minister of Energy.