

*Henderson.*—Roller shutter doors were erected. The casting and fitting of concrete cable trench cover slabs was continued throughout the year as a spare-time job, and practically completed. Floodlight standards were also cast as opportunity occurred. A 30,000 kVA. 110/50 kV. bank intended for Hamilton was diverted to Henderson and prepared for service.

*Mareretu.*—A second 2,250 kVA. bank, ex Tahekeroa, together with 2,250 kVA. booster and paralleling equipment, was installed. The structure was extended by the addition of a tower, gantry, and delta-bus cantilever to accommodate the bank. Pads were installed for the two spares, and a further pad for transfer purposes. A second main 11 kV. incoming switch was also added to the indoor switchgear. The earthing system was extended without much improvement.

*Mount Roskill.*—The operating rods and mechanisms for the A.B.S.s, E.S.s, and disconnects, together with the auxiliary switchgear, interlocks, &c., were received and installed, thus completing the outdoor structure. All the control cables were run and the changeover from temporary to permanent control panels completed. The side roller shutter door was erected.

*Aongatete.*—A temporary 50/11 kV. substation was completed to provide another supply-point for the Tauranga Power Board.

*Ohura.*—A new 110/11 kV. station was completed to supply the State coal-mine and village at Tatu.

*Waiuku and Maraetai.*—New 50/11 kV. substations are in the course of erection.

*Waihou.*—Steady progress was maintained on the erection of this 110/50 kV. station.

*Greytown.*—Preparatory work for the installation of a 5,000 kVA. transformer bank and 11 kV. switchgear was commenced.

*Masterton.*—Wooden buttresses were erected to reinforce the workshop. Concrete pads, &c., have been prepared for the installation of a new transformer bank from Hawera.

*Mangamairi.*—Concrete earthing-pads have been put down at the operating handles of A.B.S. 51 and 61. A new switchroom and workshop was completed by contractors.

*Woodville.*—Extension to the walls and roof of the substation building are in progress and are nearing completion.

*Wairoa.*—Concrete curbs and walls have been made to divide grassed and metalled areas in the new substation. A concrete pedestal was cast for mounting the earth switch. Installation of switchgear, &c., is proceeding. A boundary fence has been erected.

*Bunnythorpe.*—Two new 10,000 kVA. transformer banks were put into service with associated T.C.O.L. control panels, replacing 7,500 kVA. banks. New car-type battery installed.

*Bunnythorpe (New).*—Levels were extended over further land to a grand total of 88½ acres, embracing the area of 38¾ acres finally chosen for the substation and its village. The right of entry was secured into the three properties concerned, and tree-cutting, fencing, and fence removal commenced.

*Marton.*—The contractor commenced erection of the new switchroom. Access road was metalled. Spare transformer unit, ex Stratford, installed.

*Wanganui.*—New control and relay panel for 100 kV. O.C.B.s erected, also panel for transformer protection. System telephone and alarm installed in single men's quarters. Outside fire-extinguisher box mounted and extinguishers installed. Road drained and resurfaced and concrete kerbing constructed. Some 6 in. tile drains laid. Two new 110 kV. P.T.s installed.