

TABLE IX.—MANGAHAO-WAIKAREMOANA ELECTRIC-POWER SUPPLY.—RESULTS OF OPERATIONS.

|                                                  | First Year,<br>31st March, 1930. | Second Year,<br>31st March, 1931. | Third Year,<br>31st March, 1932. |
|--------------------------------------------------|----------------------------------|-----------------------------------|----------------------------------|
|                                                  | £                                | £                                 | £                                |
| Capital outlay .. .. .                           | 3,426,901                        | 3,498,840                         | 3,659,304                        |
| Costs—                                           |                                  |                                   |                                  |
| Working-costs .. .. .                            | 59,235*                          | 59,476†                           | 48,900                           |
| Interest .. .. .                                 | 191,288                          | 196,206                           | 202,775                          |
| Depreciation .. .. .                             | 62,205                           | 63,850                            | 65,681                           |
| Total costs .. .. .                              | 312,728                          | 319,532                           | 317,356                          |
| Revenue .. .. .                                  | 259,461‡                         | 283,017                           | 300,022                          |
| Loss .. .. .                                     | 53,267                           | 36,515                            | 17,334                           |
| Accumulated Depreciation Fund .. .. .            | 223,257                          | 284,996                           | 355,122                          |
| Maximum load (kilowatts)—                        |                                  |                                   |                                  |
| Combined power-houses .. .. .                    | 37,880                           | 44,660                            | 45,980                           |
| Khandallah .. .. .                               | 20,000                           | 24,600                            | 24,420                           |
| Wellington City Corporation .. .. .              | 15,424                           | 18,528                            | 18,536                           |
| Hutt Valley Electric-power Board .. .. .         | 4,180                            | 5,028                             | 5,435                            |
| Wellington Meat Export Co., Ltd. .. .. .         | 429                              | 461                               | 493                              |
| Railway Department .. .. .                       | 1,440                            | 1,737                             | 1,350                            |
| Horowhenua Electric-power Board .. .. .          | 2,142                            | 1,670                             | 1,764                            |
| Manawatu-Oroua Electric-power Board .. .. .      | 3,465                            | 3,660                             | 4,020                            |
| Dannevirke Electric-power Board .. .. .          | 617                              | 708                               | 775                              |
| Taranua Electric-power Board .. .. .             | 607                              | 655                               | 677                              |
| Wairarapa Electric-power Board .. .. .           | 1,044                            | 1,339                             | 1,526                            |
| Wanganui-Rangitikei Electric-power Board .. .. . | 3,441                            | 3,970                             | 4,115                            |
| Central Hawke's Bay Electric-power Board .. .. . | 694                              | 806                               | 842                              |
| Hawke's Bay Electric-power Board .. .. .         | 3,048                            | 3,504                             | 3,912                            |
| Wairoa Electric-power Board .. .. .              | 804                              | 816                               | 768                              |
| Poverty Bay Electric-power Board .. .. .         | 1,330                            | 1,158                             | 1,218                            |
| South Taranaki Electric-power Board .. .. .      | ..                               | ..                                | 565                              |
| New Plymouth Borough Council .. .. .             | ..                               | ..                                | 1,476                            |
| Units output—                                    |                                  |                                   |                                  |
| Generated—Power-house totals .. .. .             | 182,148,043                      | 210,373,650                       | 224,267,160                      |
| Purchased—                                       |                                  |                                   |                                  |
| Wellington City Council .. .. .                  | 65,040                           | 1,465,602                         | 18,535                           |
| Wanganui-Rangitikei Electric-power Board .. .. . | ..                               | 51,980                            | ..                               |
| Hastings Borough Council .. .. .                 | 1,300                            | 80,160                            | ..                               |
| New Plymouth Borough Council .. .. .             | ..                               | ..                                | 7,350                            |
| Total units generated and purchased .. .. .      | 182,214,383                      | 211,971,392                       | 224,293,045                      |
| Units sold—                                      |                                  |                                   |                                  |
| Wellington City Council .. .. .                  | 50,192,540                       | 56,672,369                        | 56,160,500                       |
| Wellington Meat Export Co., Ltd. .. .. .         | 1,673,450                        | 1,664,900                         | 1,735,100                        |
| Horowhenua Electric-power Board .. .. .          | 8,468,472                        | 8,591,177                         | 9,217,629                        |
| Hutt Valley Electric-power Board .. .. .         | 20,086,060                       | 24,612,820                        | 23,852,916                       |
| Wairarapa Electric-power Board .. .. .           | 3,549,797                        | 5,273,654                         | 7,859,699                        |
| Taranua Electric-power Board .. .. .             | 3,090,220                        | 3,490,764                         | 3,663,427                        |
| Dannevirke Electric-power Board .. .. .          | 2,987,845                        | 3,718,552                         | 3,950,388                        |
| Central Hawke's Bay Electric-power Board .. .. . | 3,487,202                        | 4,148,254                         | 4,385,304                        |
| Hawke's Bay Electric-power Board .. .. .         | 15,401,308                       | 16,009,755                        | 20,206,903                       |
| Manawatu-Oroua Electric-power Board .. .. .      | 20,266,997                       | 23,437,239                        | 24,391,835                       |
| Wanganui-Rangitikei Electric-power Board .. .. . | 17,026,540                       | 20,598,638                        | 21,156,518                       |
| Railway Department .. .. .                       | 3,136,540                        | 5,142,720                         | 3,709,920                        |
| Wairoa Electric-power Board .. .. .              | 3,209,344                        | 3,436,891                         | 3,258,328                        |
| Poverty Bay Electric-power Board .. .. .         | 4,981,845                        | 6,456,441                         | 7,225,326                        |
| South Taranaki Electric-power Board .. .. .      | ..                               | ..                                | 485,624                          |
| New Plymouth Borough Council .. .. .             | ..                               | ..                                | 883,608                          |
| Retail consumers .. .. .                         | 1,454,571                        | 916,700                           | 1,400,247                        |
| Total units sold .. .. .                         | 159,012,731                      | 184,170,874                       | 193,543,272                      |
| Operating consumption .. .. .                    | 3,090,320                        | 3,451,150                         | 3,674,356                        |
| Losses—                                          |                                  |                                   |                                  |
| Total losses (units) .. .. .                     | 20,111,332                       | 24,349,368                        | 27,075,417                       |
| Percentage .. .. .                               | 11.04                            | 11.5                              | 12.04                            |
| Load-factor (per cent.)—                         |                                  |                                   |                                  |
| System (annual) .. .. .                          | 54.9                             | 54.2                              | 55.8                             |
| System (average weekly) .. .. .                  | 65.2                             | 65.7                              | 68.2                             |
| Working-costs (less power purchased)—            |                                  |                                   |                                  |
| Per kilowatt (system maximum) .. .. .            | £1.56                            | £1.23                             | £1.063                           |
| Per unit generated .. .. .                       | 0.078d.                          | 0.062d.                           | 0.052d.                          |
| Per unit sold .. .. .                            | 0.089d.                          | 0.072d.                           | 0.061d.                          |
| Capital charges—                                 |                                  |                                   |                                  |
| Per kilowatt (system annual maximum) .. .. .     | £6.71                            | £5.82                             | £5.838                           |
| Per unit generated .. .. .                       | 0.333d.                          | 0.294d.                           | 0.287d.                          |
| Per unit sold .. .. .                            | 0.381d.                          | 0.339d.                           | 0.333d.                          |
| Total costs—                                     |                                  |                                   |                                  |
| Per kilowatt (system annual maximum) .. .. .     | £8.27                            | £7.15                             | £6.902                           |
| Per unit generated .. .. .                       | 0.411d.                          | 0.362d.                           | 0.340d.                          |
| Per unit sold .. .. .                            | 0.470d.                          | 0.416d.                           | 0.393d.                          |
| Revenue—                                         |                                  |                                   |                                  |
| Per kilowatt (system maximum) .. .. .            | £6.78                            | £6.36                             | £6.52                            |
| Per unit generated .. .. .                       | 0.342d.                          | 0.322d.                           | 0.321d.                          |
| Per unit sold .. .. .                            | 0.390d.                          | 0.370d.                           | 0.372d.                          |

\* Does not include £233 for power purchased.

† Includes £4,441 for power purchased.

‡ Gross revenue, £259,668.