

TABLE Q.—AVAILABLE WATER-POWER IN NEW ZEALAND: SCHEMES OF 1,000 HORSE-POWER AND OVER.

Source of Power.	Position of Power-house.	Available Flow: Cubic Feet per Second.	Available Head.	Average Power on 50-per-cent. Load Factor.		Nearest City, Port, or Deep Water.	Distance.
NORTH ISLAND.							
North Auckland District—			Ft.	H.p.	Kw.		Miles.
Wairua Falls	Wairua Falls	150*	130	3,200	2,400	Whangarei ..	18
Omapere	Utakura Stream ..	11*	550	1,000	750	..	..
South Auckland District—							
Kaituna	Kaituna River ..	500†	784	65,000	50,000	Tauranga ..	25
						Auckland ..	125
Wairoa River	Wairoa	420*	80	5,600	4,200	Tauranga ..	20
Waikato River	Aratiatia Rapids ..	4,400†	170	136,000	100,000	Auckland ..	154
Waikato River	Orakeikorako Rapids	4,400†	35	14,000	10,000	Auckland ..	148
Waikato River	Aniwhaniwha Falls	4,400†	80	32,000	24,000	Auckland ..	142
Waikato River	Atiamuri Rapids ..	4,400†	25	10,000	7,500	Auckland ..	139
Waikato River	Arapuni Gorge ..	5,300†	165	163,000	120,000	Auckland ..	105
Waikato River	Horahora Rapids ..	5,300†	27	13,000	10,000	Auckland ..	97
Pokaiwhenua River	Horahora Rapids ..	165*	170	4,600	3,400	Auckland ..	97
Marakopa Falls ..	Marakopa	90	420	3,100	2,300	Te Kuiti ..	27
Wairere Falls ..	Wairere Falls ..	160*	60	1,600	1,200	Te Kuiti ..	22
Hawke's Bay District—							
Waikaremoana	Upper Waikaretaheke	530†	1,100	97,000	75,000	Gisborne ..	50
Waikaremoana	Lower Waikaretaheke	530†	360	32,000	24,000	Napier ..	60
Te Reinga Falls ..	Te Reinga Falls ..	124	125	1,300	1,000	Gisborne ..	35
Waikohu River ..	Waikohu	45†	847	6,000	4,500	Gisborne ..	28
Wanganui District—							
Mangawhero River ..	Raukawa Falls ..	125	90	1,000	750	Wanganui ..	45
Mangawhero River ..	Wanganui River ..	125	680	7,100	6,950	Wanganui ..	24
Rangitikei River ..	Makohine	1,500†	300	75,000	56,000	Wanganui ..	48
Wangaehu River ..	Wangaehu River ..	260	70	1,500	1,100	Wanganui ..	25
Karioi	Karioi	300*	180	8,800	6,600	Wanganui ..	60
Taranaki District—							
Waitara River	Waitara River ..	400	140	4,600	3,600	New Plymouth	12
Waiwakaiho	Waiwakaiho ..	150†	250	6,200	4,800	New Plymouth	4
Manganui River ..	Waitara River ..	415†	340	26,000	19,400	New Plymouth	25
Wellington District—							
Mangahao River ..	Shannon	160†	895	24,000	18,000	Wellington ..	65
Makuri River	Makuri Gorge ..	100*	384	6,400	4,800	Pahiatua ..	20
Waiohine	Woodside	120*	120	2,400	1,800	Masterton ..	15
Hutt River	Mangaroa	200†	330	11,000	8,300	Wellington ..	24
Tauherenikau ..	Featherston ..	150*	440	11,000	8,300	Wairarapa ..	..
Kourarau	Kourarau	20	755	2,680	2,000	Masterton ..	12
Totals—North Island		..	..	776,080	582,650		
SOUTH ISLAND.							
Marlborough District—							
Clarence	Ericaburn	640	158	8,300	6,300	Blenheim ..	45
Waihopai River ..	Waihopai Gorge ..	130*	96	2,000	1,500	Blenheim ..	28
Nelson and Buller District—							
Boulder Lake	Aorere River ..	50*	2,600	22,000	16,000	Golden Bay ..	10
Rotoiti Lake	Buller River ..	200†	600	20,000	15,000	Nelson ..	50
Rotorua Lake	Gowan River ..	900†	400	60,000	45,000	Nelson ..	60
Inangahua River ..	Blackwater River ..	78	125	8,000	6,000	Westport ..	20
Four-mile Creek ..	Four-mile Creek ..	24*	450	2,000	1,500	Westport ..	4
Westland District—							
Lake Brunner	Stillwater	1,750	200	29,000	22,000	Greymouth ..	10
Kumara Water-race	Kumara	87	330	2,400	1,800	Greymouth ..	12
Otira River	Otira	40	700	2,300	1,700	Greymouth ..	52
Rolleston River ..	Otira	36	700	2,000	1,500	Greymouth ..	52
Kanieri Lake	Kanieri River ..	100	330	2,800	2,100	Hokitika ..	12
Toaroha River	Toaroha River ..	150	760	10,000	7,500	Hokitika ..	17
Whitcombe River ..	Hokitika River ..	250	800	16,000	12,000	Hokitika ..	20
Kakapotahi River ..	Kakapotahi River ..	100	580	4,800	3,600	Hokitika ..	26
Wanganui River ..	Hende's Ferry ..	830	580	40,000	30,000	Hokitika ..	36
Wataroa River ..	Wataroa	1,360	700	80,000	60,000	Hokitika ..	48
Canterbury District—							
Clarence River ..	Jollie's Pass ..	200	1,160	20,000	15,000	Christchurch..	90
Clarence River ..	Conway River ..	1,150	1,050	100,000	75,000	Christchurch..	90
Waiau-ua River ..	Culverden ..	1,600	200	27,000	20,000	Christchurch..	75
Waimakariri River	Gorge Bridge ..	1,000*	90	15,000	11,000	Christchurch..	30
Waimakariri River	Otarama	1,000*	150	30,150	22,500	Christchurch..	42
Lake Coleridge ..	Rakaia River ..	100†	480	8,000	6,000	Christchurch..	65
Acheron River ..	Rakaia River ..	50†	480	4,000	3,000	Christchurch..	65
Harper River ..	Rakaia River ..	320†	480	25,000	18,000	Christchurch..	65
Wilberforce River	Rakaia River ..	1,100	480	44,000	33,000	Christchurch..	65

* Signifies daily storage available to utilize 50-per-cent. load-factor.

† Signifies seasonal storage made available.