

## Transmission Pricing Data for 2020/21 Pricing Year

Pricing Year 1 April 2020 to 31 March 2021

Capacity measurement period 1 September 2018 to 31 August 2019

Capacity Data	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Historical Anytime Maximum Injection (MW)	3,225	3,223	3,221	3,215	3,174	-
South Island Mean Injection (GWh)	-	-	17,900	16,931	16,921	17,211
Total Regional Coincident Peak Demand (MW)	5,729	5,775	5,768	5,791	5,963	5,894
RCPD – Upper North Island (UNI)	1,904	1,904	1,934	1,960	2,034	1,969
RCPD – Lower North Island (LNI)	1,890	1,897	1,877	1,871	1,935	1,905
RCPD – Upper South Island (USI)	966	980	964	975	983	1,001
RCPD – Lower South Island (LSI)	968	994	993	986	1,012	1,020

Revenue and Rates	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Pre-tax WACC (%)	8.94	8.94	8.94	8.94	8.94	5.88
Asset Return Rate (%)	7.80	7.97	8.26	8.68	8.83	7.01
Maintenance Recovery Rates	Substations (%)	2.00	1.87	1.83	1.76	1.74
	220kV tower lines (\$/km)	5,381	5,242	5,225	5,342	5,330
	All other tower lines (\$/km)	7,269	5,326	4,980	3,928	3,629
	Pole lines (\$/km)	8,387	4,301	3,683	3,455	3,056
Injection Overhead Rate (%)	4.42	5.03	4.69	4.54	4.14	4.41
Operating Recovery Rate (\$/switch)	1,016	1,107	1,207	1,384	1,217	1,645
Total Connection Charge Revenue (\$m)	127.68	128.57	126.95	130.68	129.62	113.56
Total Interconnection Revenue (\$m)	632.19	662.09	715.16	658.81	652.22	579.98
Interconnection Rate (\$/kW)	110.35	114.64	123.98	113.77	109.38	98.39
Total HVDC Revenue (\$m)	149.93	152.27	149.24	152.36	144.87	92.13
HAMI Rate (\$/kW)	46.49	47.24	34.75	23.69	11.41	-
SIMI Rate (\$/MWh)	-	-	2.08	4.50	6.42	5.35