

2004 Transmission Loss Adjustment Factors

Transmission-connected Generation Station	Unit ID	Connected at	Season									
			Winter (Jan/Feb)		Spring		Summer		Autumn		Winter (Nov/Dec)	
			Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Aghada (ESB)	AD1, AT1, AT2, AT4	Aghada 220kV	0.995	1.009	1.005	1.020	0.996	1.011	1.007	1.007	0.996	1.015
Aghada Peaking Unit (ESB)	AP5	Aghada 110kV	0.993	1.006	1.006	1.020	0.994	1.009	1.008	1.008	0.999	1.014
Ardnacrusa (ESB)	AA1, AA2, AA3, AA4	Ardnacrusa 110kV	1.008	1.015	1.031	1.047	1.023	1.023	1.027	1.027	1.007	1.023
Bellacorick (ESB)	BK1, BK2	Bellacorick 110kV	1.080	1.031	1.076	1.041	1.067	1.029	1.055	1.022	1.061	1.035
Dublin Bay Power (Synergen)*	DB1	Irishtown 220kV	0.980	0.977	0.977	0.977	0.968	0.974	0.977	0.975	0.968	0.968
Edenderry (Edenderry Power Ltd)	ED1	Cushaling 110kV	0.949	0.931	0.940	0.927	0.962	0.953	0.947	0.936	0.950	0.937
Erne (ESB)	ER1, ER2	Cliff 110kV	1.061	1.032	1.073	1.061	1.085	1.047	1.046	1.040	1.029	1.038
Erne (ESB)	ER3, ER4	Cathaleen's Fall 110 kV	1.060	1.036	1.072	1.064	1.086	1.047	1.046	1.040	1.032	1.037
Great Island (ESB)	GI1, GI2	Great Island 110kV	0.996	1.008	0.993	1.006	0.992	1.006	0.999	1.008	1.000	1.009
Great Island (ESB)	GI3	Great Island 220kV	0.993	1.005	0.991	1.004	0.991	1.003	0.997	1.004	1.000	1.007
Huntstown (Huntstown Power Ltd)*	HNC	Huntstown 220kV	0.980	0.977	0.977	0.977	0.968	0.974	0.977	0.975	0.968	0.968
Kings Mountain (Brickmount Ltd)	KGM	Cunghill 110kV	1.076	1.035	1.073	1.052	1.076	1.035	1.060	1.034	1.063	1.038
Lanesboro (ESB)***	LA2	Lanesboro 110kV	1.019	1.002	1.024	1.015	-	-	-	-	-	-
Lee (ESB)	LE3	Carrigadrohid 110kV	1.007	1.023	1.024	1.029	1.010	1.015	1.022	1.016	1.010	1.023
Lee (ESB)	LE1, LE2	Iniscarra 10kV	1.003	1.022	1.020	1.029	1.010	1.016	1.019	1.017	1.006	1.025
Liffey (ESB)	LI1, LI2	Pollaphuca 110kV	0.974	0.990	0.973	0.983	0.984	0.985	0.981	0.988	0.977	0.990
Lough Ree Power (ESB)	LR4	Lanesboro 110kV	-	-	-	-	1.025	1.015	1.024	1.014	1.011	0.990
Marina (ESB)	MRT	Marina 110kV	1.007	1.019	1.019	1.027	1.006	1.014	1.020	1.015	1.009	1.021
Moneypoint (ESB)	MP1, MP2, MP3	Moneypoint 380kV	0.959	0.967	0.967	0.978	0.965	0.970	0.964	0.970	0.960	0.968
North Wall (ESB)	NW5	North Wall 220kV	0.970	0.975	0.963	0.968	0.973	0.975	0.968	0.976	0.972	0.976
North Wall (ESB)	NW4	North Wall 220kV	0.970	0.975	0.964	0.968	0.973	0.975	0.969	0.976	0.972	0.976
Poolbeg (ESB)	PB1, PB2, PB3	Poolbeg 220kV	0.972	0.978	0.964	0.968	0.971	0.978	0.970	0.978	0.974	0.977
Poolbeg (ESB)	PBC	Shellybanks 220kV	0.968	0.974	0.961	0.966	0.967	0.973	0.966	0.974	0.971	0.971
Rhode (ESB)	RP1, RP2	Derryron 110kV	-	-	-	-	0.988	0.989	0.973	0.990	0.986	0.992
Shannonbridge (ESB)***	SH2, SH3	Shannonbridge 110kV	0.993	0.990	1.001	1.001	0.999	1.000	-	-	-	-
Shannonbridge (ESB)***	SH1	Shannonbridge 220kV	0.991	0.991	0.999	1.003	0.998	1.001	-	-	-	-
Tarbert (ESB)	TB1, TB2	Tarbert 110kV	0.962	0.989	0.991	1.019	0.971	0.988	0.982	0.992	0.970	0.991
Tarbert (ESB)	TB3, TB4	Tarbert 220kV	0.967	0.988	0.993	1.019	0.976	0.986	0.987	0.991	0.976	0.990
Tawnaghmore Peaking Unit (ESB)	TP1	Tawnaghmore 110kV	1.091	1.041	1.086	1.054	1.082	1.036	1.069	1.032	1.074	1.042
Turlough Hill (ESB)	TH1, TH2, TH3, TH4	Turlough Hill 220kV	0.970	0.986	0.962	0.976	0.969	0.985	0.965	0.983	0.966	0.985
West Offaly Power (ESB)	WO4	Shannonbridge 110kV	-	-	-	-	-	-	1.007	1.005	1.001	1.000
Meentycat (Meentycat Energy Ltd.)	MCT	Meentycat 110kV	-	-	-	-	-	-	-	-	1.034	1.029

Embedded Generation Station	Unit ID	Connected/Embedded at	Season									
			Winter (Jan/Feb)		Spring		Summer		Autumn		Winter (Nov/Dec)	
			Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
A&L Goodbody (Bord Gais) **	BG4	Not relevant	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Arklow Banks (Arklow Energy Ltd.)	ARB	Arklow 110kV	-	-	-	-	0.977	0.981	0.978	0.979	0.981	0.983
Askeaton Power Ltd	WAS	Rathkeale 110kV	-	-	-	-	-	-	-	-	0.990	1.008
Aurthurstown (Irish Power Systems Ltd.)	ATW	Kilteel 110kV	-	-	0.989	0.986	0.991	0.990	0.988	0.991	0.996	0.993
Ballineen (CM Power)	CP1	Dunmanway 110 kV	1.029	1.037	1.042	1.046	1.027	1.031	1.037	1.036	1.031	1.039
Ballyragget Power (Glanbia PLC)	BA1	Kilkenny 110 kV	1.015	1.019	1.006	1.011	1.005	1.011	1.010	1.013	1.016	1.017
Beal Hill (Portfinch Ltd)	BEA	Trien 110 kV	0.985	1.006	1.013	1.036	0.995	1.003	1.006	1.006	0.993	1.004
Camsore (Hibernian Wind Power Ltd)	CNS	Wexford 110 kV	1.027	1.028	1.014	1.020	1.015	1.020	1.023	1.022	1.027	1.025
Corneen (Ganderoy Ltd)	CO1	Shankill 110 kV	1.038	1.021	1.035	1.025	1.035	1.022	1.032	1.023	1.034	1.019
Culligh (Dedondo Ltd)	RO1	Letterkenny 110 kV	1.107	1.062	1.113	1.087	1.122	1.071	1.073	1.052	1.064	1.055
Dublin Corp (Bord Gais)**	BG1	Not relevant	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
FMC (Bord Gais)	BG5	Kilbarry 110 kV	1.010	1.019	1.016	1.029	1.007	1.012	1.020	1.018	1.010	1.023
Independent Biomass Ltd	DGA	Bandon 110 kV	-	-	1.045	1.046	1.028	1.032	1.043	1.032	1.033	1.044
Lakeland Dairies (Bord Gais)	BG3	Meath Hill 110 kV	0.999	0.994	0.990	0.989	0.996	0.991	0.993	0.995	0.998	0.995
Largan Hill (Largan Hill Windfarm Ltd)	LG1	Carrick-on-Shannon 110 kV	1.019	1.008	1.023	1.019	1.027	1.012	1.018	1.012	1.012	1.007
Liffey (ESB)**	LI4, LI5	Not relevant	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Meenadreen (Arrakis Ltd)	LHY	Cathaleen's Fall 110 kV	1.060	1.036	1.072	1.064	1.086	1.047	1.046	1.040	1.032	1.037
Meenanilla (RedWind Energy Ltd)	MTA, MT2	Letterkenny 110 kV	-	-	1.113	1.087	1.122	1.071	1.073	1.052	1.064	1.055
Millipore (Bord Gais)	BG2	CowCross 110 kV	1.006	1.017	1.018	1.026	1.006	1.016	1.021	1.015	1.008	1.025
Mt. Cronalaght (Gineadeoiri Gaoithe Teo)	CM1	Letterkenny 110 kV	1.107	1.062	1.113	1.087	1.122	1.071	1.073	1.052	1.064	1.055
Raheen Barr (Matrix Energy Partnership)	MXE	Castlebar 110kV	1.080	1.040	1.078	1.047	1.067	1.029	1.064	1.028	1.069	1.036
Silliot Hill (Irish Power Systems Ltd.)	SIL	Newbridge 110kV	-	-	0.997	0.989	1.004	0.999	1.001	0.994	1.009	0.997
Waterpower (Dan Twomey Waterpower Engineering Ltd)	WAP	Trabeg 110kV	-	-	1.034	1.040	1.005	1.011	1.019	1.014	1.013	1.022
Cuillalea	CLL	Castlebar 110kV	-	-	-	-	1.067	1.029	1.064	1.028	1.069	1.036
Sonnagh Old (Corr na Gaoithe)	KST	Somerset 110kV	-	-	-	-	1.002	1.001	1.008	1.003	1.007	1.003
Curraghraigue Upper (Aeolus Energy Ltd.)	CGU	Ardnacrusa 110kV	-	-	-	-	1.023	1.023	1.027	1.027	1.007	1.023
Tuirsillagh II (Saorgus Ltd.)	TU2	Ardnacrusa 110kV	-	-	-	-	-	-	-	-	1.006	1.019
Import / Export Generation			Season									
			Winter (Jan/Feb)		Spring		Summer		Autumn		Winter (Nov/Dec)	
			Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Interconnector Imports (N-S)			0.991	0.988	0.983	0.983	0.988	0.986	0.983	0.987	0.987	0.986
Interconnector Exports (S-N)			0.991	0.988	0.983	0.983	0.988	0.986	0.983	0.987	0.987	0.986

*The Loss Factors for Huntstown and Dublin Bay Power have not been calculated in accordance with ESBNG's normal methodology, but rather are as directed by CER

** Embedded generation connected before 19th February 2000

***Transmission Loss Adjustment Factors are not provided for seasons where the generator is not expected to participate