

**Appendix A: Republic of Ireland Market Participant Transmission Loss Adjustment Factors 2009**

Market Participant Name	Unit Id	Transmission Station	kV	January		February		March		April		May		June		July		August		September		October		November		December		
				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day
<b>Transmission-Connected</b>																												
Ardnacrusha (ESB)	AA1	Ardnacrusha	110	1.028	1.024	1.030	1.033	1.025	1.032	1.039	1.032	1.022	1.020	1.033	1.014	1.032	1.011	1.034	1.013	1.017	0.994	0.997	0.971	0.991	0.973	0.994	0.981	
Ardnacrusha (ESB)	AA2	Ardnacrusha	110	1.028	1.024	1.030	1.033	1.025	1.032	1.039	1.032	1.022	1.020	1.033	1.014	1.032	1.011	1.034	1.013	1.017	0.994	0.997	0.971	0.991	0.973	0.994	0.981	
Ardnacrusha (ESB)	AA3	Ardnacrusha	110	1.028	1.024	1.030	1.033	1.025	1.032	1.039	1.032	1.022	1.020	1.033	1.014	1.032	1.011	1.034	1.013	1.017	0.994	0.997	0.971	0.991	0.973	0.994	0.981	
Ardnacrusha (ESB)	AA4	Ardnacrusha	110	1.028	1.024	1.030	1.033	1.025	1.032	1.039	1.032	1.022	1.020	1.033	1.014	1.032	1.011	1.034	1.013	1.017	0.994	0.997	0.971	0.991	0.973	0.994	0.981	
Aghada (ESB)	AD1	Aghada*	220	1.047	1.042	1.048	1.047	1.044	1.046	1.051	1.044	1.037	1.033	1.049	1.027	1.026	1.013	1.023	1.011	1.000	0.989	0.983	0.957	0.976	0.960	0.981	0.971	
Aghada (ESB)	AT1	Aghada*	220	1.047	1.042	1.048	1.047	1.044	1.046	1.051	1.044	1.037	1.033	1.049	1.027	1.026	1.013	1.023	1.011	1.000	0.989	0.983	0.957	0.976	0.960	0.981	0.971	
Aghada (ESB)	AT2	Aghada*	220	1.047	1.042	1.048	1.047	1.044	1.046	1.051	1.044	1.037	1.033	1.049	1.027	1.026	1.013	1.023	1.011	1.000	0.989	0.983	0.957	0.976	0.960	0.981	0.971	
Aghada (ESB)	AD4	Aghada*	220	1.047	1.042	1.048	1.047	1.044	1.046	1.051	1.044	1.037	1.033	1.049	1.027	1.026	1.013	1.023	1.011	1.000	0.989	0.983	0.957	0.976	0.960	0.981	0.971	
Mountain Lodge (Bindoo Wind Farm Ltd.)	BD1	Ratrussan	110	1.003	0.994	1.004	0.994	1.005	0.994	0.999	0.995	1.000	0.992	0.999	0.994	0.996	0.991	0.996	0.989	1.000	0.994	0.994	1.001	1.004	1.006	1.002	1.004	1.000
Beale Hill	BE1	Trien	110	1.001	1.000	1.001	1.004	0.995	1.001	1.010	1.002	0.990	0.989	1.001	0.985	0.993	0.979	0.995	0.982	0.978	0.964	0.964	0.943	0.962	0.947	0.962	0.954	
Booltiagh (Booltiagh Windfarm Ltd.)	BT1	Booltiagh	110	1.032	1.023	1.034	1.029	1.028	1.027	1.040	1.027	1.023	1.014	1.029	1.009	1.029	1.007	1.029	1.007	1.017	0.993	0.992	1.002	0.977	1.001	0.981	1.003	0.988
Ballywater (Ballywater Windfarms Ltd.)	BW1	Crane	110	1.047	1.033	1.046	1.035	1.046	1.036	1.043	1.028	1.044	1.027	1.038	1.017	1.024	1.013	1.022	1.012	1.023	1.011	1.026	1.015	1.026	1.017	1.029	1.019	
Coomagearlahy (SWS Kilgarvan Windfarm Ltd.)	CG1	Coomagearlahy	110	1.026	1.018	1.026	1.023	1.021	1.021	1.033	1.021	1.014	1.007	1.025	1.001	1.013	0.992	1.012	0.993	0.992	0.973	0.976	0.947	0.973	0.953	0.977	0.963	
Clahane Wind Farm (Pallas Wind Farm Ltd.)	CJ1	Clahane	110	1.006	1.003	1.006	1.007	1.000	1.004	1.015	1.006	0.995	0.991	1.005	0.987	0.998	0.981	1.000	0.984	0.982	0.966	0.968	0.944	0.966	0.950	0.967	0.957	
Coomacheo Wind Farm (Coomacheo Wind Farm Ltd.)	CZ1	Garrow	110	1.023	1.011	1.025	1.016	1.019	1.014	1.032	1.014	1.012	1.003	1.021	0.997	1.007	0.987	1.006	0.989	0.990	0.968	0.972	0.940	0.972	0.946	0.977	0.957	
Dublin Bay Power (Synergen)	DB1	Irishtown	220	0.986	0.994	0.984	0.994	0.986	0.995	0.985	0.992	0.996	1.002	0.986	0.995	0.988	0.994	0.988	0.994	0.990	0.996	0.998	1.008	0.996	1.005	0.997	1.001	
Derrybrien (Gort Wind Farms Ltd.)	DY1	Derrybrien	110	1.001	0.993	1.003	0.999	0.997	0.996	1.006	0.995	0.995	0.986	0.999	0.981	1.007	0.989	1.001	0.981	0.990	0.971	0.979	0.959	0.980	0.963	0.982	0.969	
Edenderry (Edenderry Power Ltd.)	ED1	Cushaling	110	0.965	0.961	0.965	0.963	0.977	0.976	0.956	0.951	0.980	0.973	0.960	0.954	0.985	0.975	1.021	1.010	0.978	0.967	0.988	0.979	0.994	0.987	0.984	0.976	
Cliff (ESB)	ER1	Cliff	110	0.976	0.968	0.988	0.971	0.988	0.976	0.986	0.983	0.978	0.963	0.979	0.968	0.992	0.975	0.994	0.973	0.993	0.979	0.985	0.969	0.985	0.970	0.980	0.979	
Cliff (ESB)	ER2	Cliff	110	0.976	0.968	0.988	0.971	0.988	0.976	0.986	0.983	0.978	0.963	0.979	0.968	0.992	0.975	0.994	0.973	0.993	0.979	0.985	0.969	0.985	0.970	0.980	0.979	
Cathleen's Fall (ESB)	ER3	Cathleen's Fall	110	0.977	0.969	0.989	0.973	0.990	0.977	0.988	0.983	0.979	0.963	0.980	0.969	0.993	0.975	0.995	0.973	0.994	0.979	0.987	0.969	0.987	0.972	0.982	0.980	
Cathleen's Fall (ESB)	ER4	Cathleen's Fall	110	0.977	0.969	0.989	0.973	0.990	0.977	0.988	0.983	0.979	0.963	0.980	0.969	0.993	0.975	0.995	0.973	0.994	0.979	0.987	0.969	0.987	0.972	0.982	0.980	
Great Island (ESB)	G1	Great Island	110	1.044	1.037	1.043	1.039	1.042	1.040	1.042	1.035	1.040	1.033	1.039	1.025	1.044	1.029	1.042	1.027	1.040	1.023	1.040	1.021	1.040	1.025	1.044	1.029	
Great Island (ESB)	G2	Great Island	110	1.044	1.037	1.043	1.039	1.042	1.040	1.042	1.035	1.040	1.033	1.039	1.025	1.044	1.029	1.042	1.027	1.040	1.023	1.040	1.021	1.040	1.025	1.044	1.029	
Great Island (ESB)	G3	Great Island	220	1.035	1.031	1.034	1.033	1.033	1.033	1.034	1.029	1.033	1.028	1.031	1.020	1.036	1.023	1.034	1.022	1.031	1.017	1.031	1.015	1.030	1.018	1.034	1.022	
Glanlee Wind Farm (Midas Energy, Everwind and Kerry Power)	GLC	Glanlee	110	1.026	1.018	1.026	1.023	1.021	1.021	1.033	1.021	1.014	1.007	1.025	1.001	1.013	0.992	1.012	0.993	0.992	0.973	0.976	0.947	0.973	0.953	0.976	0.963	
Barnesmore Wind Farm (Golagh)	GO1	Golagh	110	0.978	0.962	0.991	0.967	0.987	0.968	0.981	0.973	0.971	0.949	0.971	0.953	0.987	0.960	0.988	0.958	0.991	0.965	0.982	0.958	0.984	0.960	0.980	0.970	
Huntstown I (Huntstown Power Ltd.)	HNC	Huntstown	220	0.980	0.988	0.977	0.987	0.980	0.988	0.980	0.987	0.991	0.997	0.981	0.991	0.984	0.991	0.983	0.989	0.987	0.993	0.997	1.009	0.993	1.003	0.993	0.999	
Huntstown II (Huntstown Power Ltd.)	HN2	Huntstown	220	0.978	0.986	0.976	0.985	0.978	0.986	0.978	0.985	0.990	0.996	0.980	0.990	0.983	0.989	0.982	0.988	0.986	0.992	0.995	1.007	0.991	1.001	0.991	0.997	
Kings Mountain (Brick Mount Ltd.)	KGM	Cunghill	110	1.017	1.005	1.021	1.006	1.015	1.001	1.015	1.003	1.004	0.988	0.999	0.991	1.012	0.997	1.014	0.994	1.018	1.000	1.013	0.996	1.019	1.001	1.017	1.005	
Inniscarra (ESB)	LE1	Inniscarra	110	1.050	1.044	1.051	1.050	1.048	1.049	1.060	1.050	1.044	1.036	1.054	1.028	1.045	1.026	1.042	1.022	1.022	1.005	1.005	0.976	1.000	0.980	1.006	0.994	
Inniscarra (ESB)	LE2	Inniscarra	110	1.050	1.044	1.051	1.050	1.048	1.049	1.060	1.050	1.044	1.036	1.054	1.028	1.045	1.026	1.042	1.022	1.022	1.005	1.005	0.976	1.000	0.980	1.006	0.994	
Carrigadrohid (ESB)	LE3	Carrigadrohid	110	1.041	1.034	1.042	1.040	1.038	1.038	1.049	1.038	1.032	1.024	1.043	1.017	1.030	1.009	1.028	1.011	1.006	0.988	0.989	0.959	0.985	0.965	0.990	0.976	
Liffey (ESB)	LI1	Poolaphuca	110	1.021	1.025	1.021	1.027	1.026	1.028	1.026	1.022	1.026	1.025	1.021	1.015	1.035	1.022	1.035	1.022	1.036	1.020	1.033	1.022	1.025	1.025	1.025	1.028	
Liffey (ESB)	LI2	Poolaphuca	110	1.021	1.025	1.021	1.027	1.026	1.028	1.026	1.022	1.026	1.025	1.021	1.015	1.035	1.022	1.035	1.022	1.036	1.020	1.033	1.022	1.025	1.025	1.025	1.028	
Liffey (ESB)	LI4	Poolaphuca	110	1.021	1.025	1.021	1.027	1.026	1.028	1.026	1.022	1.026	1.025	1.021	1.015	1.035	1.022	1.035	1.022	1.036	1.020	1.033	1.022	1.025	1.025	1.025	1.028	
Lough Ree Power Ltd. (ESB)	LR4	Lanesboro	110	0.998	0.988	0.997	0.988	0.992	0.984	1.001	0.988	0.989	0.975	0.991	0.978	0.997	0.983	0.992	0.976	1.016	0.998	0.993	0.981	0.995	0.981	0.994	0.984	
Meentycat Ltd. (Aitricity)	MCT	Meentycat	110	0.975	0.953	0.989	0.957	0.982	0.957	0.972	0.958	0.959	0.930	0.959	0.934	0.976	0.942	0.978	0.940	0.983	0.947	0.974	0.941	0.978	0.945	0.975	0.957	
Mountain Lodge (Mountain Lodge Power Ltd.)	ML1	Ratrussan	110	1.003	0.994	1.00																						

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Market Participant Name	Unit Id	Transmission Station	kV	January		February		March		April		May		June		July		August		September		October		November		December	
				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Arthurstown Landfill Phase 3 (Irish Power Systems Ltd.)	AR3	Kilteel	110	1.005	1.007	1.003	1.007	1.007	1.010	1.001	1.002	1.012	1.011	1.001	1.003	1.009	1.007	1.016	1.014	1.010	1.007	1.017	1.018	1.018	1.019	1.017	1.015
Arthurstown Landfill Phase 1 & 4 (Irish Power Systems Ltd.)	ARX	Kilteel	110	1.005	1.007	1.003	1.007	1.007	1.010	1.001	1.002	1.012	1.011	1.001	1.003	1.009	1.007	1.016	1.014	1.010	1.007	1.017	1.018	1.018	1.019	1.017	1.015
Ratrussan Wind Farm (Bindoo Wind Farm Ltd.)	BA1	Ratrussan	110	1.003	0.994	1.004	0.994	1.005	0.994	0.999	0.995	1.000	0.992	0.999	0.994	0.996	0.991	0.996	0.989	1.000	0.994	1.001	1.004	1.006	1.002	1.004	1.000
Beam Hill (Beam Wind Ltd.)	BM1	Trillick	110	0.975	0.946	0.989	0.952	0.973	0.944	0.962	0.944	0.946	0.912	0.945	0.915	0.965	0.925	0.966	0.921	0.973	0.928	0.965	0.925	0.970	0.930	0.968	0.943
Cark Wind Farm	CAR	Letterkenny	110	0.983	0.958	0.997	0.963	0.990	0.963	0.980	0.963	0.967	0.935	0.966	0.938	0.984	0.947	0.986	0.944	0.991	0.952	0.983	0.946	0.987	0.951	0.984	0.964
Camsore (Hibernian)	CNS	Wexford	110	1.059	1.044	1.058	1.046	1.058	1.047	1.054	1.040	1.054	1.035	1.049	1.025	1.044	1.025	1.042	1.024	1.042	1.022	1.045	1.024	1.046	1.027	1.050	1.034
Knockawarriga Wind Farm	KW1	Trien	110	1.001	1.000	1.001	1.004	0.995	1.001	1.010	1.002	0.990	0.989	1.001	0.985	0.993	0.979	0.995	0.982	0.978	0.964	0.964	0.943	0.962	0.947	0.962	0.954
Meenachullalan (Airoishin Wind Energy Ltd.)	MC1	Binbane	110	0.975	0.963	0.987	0.967	0.986	0.970	0.983	0.977	0.974	0.955	0.975	0.960	0.990	0.967	0.991	0.966	0.993	0.972	0.985	0.964	0.985	0.965	0.981	0.974
Muingnaminnane (Muingnaminnane Wind Farms Ltd.)	MU1	Tralee	110	1.018	1.012	1.017	1.017	1.012	1.014	1.026	1.015	1.006	0.999	1.016	0.994	1.008	0.990	1.010	0.992	0.991	0.973	0.978	0.950	0.976	0.957	0.978	0.966
Liffey (ESB)	LI5	-	-	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Culliagh (Dedondo Ltd.)	RO1	Letterkenny	110	0.983	0.958	0.997	0.963	0.990	0.963	0.980	0.963	0.967	0.935	0.966	0.938	0.984	0.947	0.986	0.944	0.991	0.952	0.983	0.946	0.987	0.951	0.984	0.964
Gartnaneane (Gartnaneane Ltd./Airtricity)	GA2	Meath Hill	110	0.994	0.990	0.995	0.990	0.997	0.991	0.991	0.992	0.995	0.994	0.994	0.997	0.993	0.997	0.993	0.997	0.999	1.004	1.006	1.017	1.007	1.014	1.007	1.009
Moanmore (Kilrush Energy Ltd.)	MMR	Tullabrack	110	1.036	1.025	1.038	1.032	1.033	1.029	1.044	1.029	1.027	1.016	1.033	1.010	1.031	1.007	1.030	1.007	1.019	0.993	1.004	0.977	1.003	0.982	1.006	0.989
Raheen Barr (Matrix Energy)	MXE	Castlebar	110	1.044	1.028	1.046	1.031	1.039	1.024	1.047	1.024	1.033	1.010	1.022	1.007	1.034	1.013	1.037	1.010	1.043	1.014	1.035	1.013	1.044	1.019	1.043	1.024
Richfield (Richfield Windfarm (ROI) Ltd.)	RF1	Wexford	110	1.059	1.044	1.058	1.046	1.058	1.047	1.054	1.040	1.054	1.035	1.049	1.025	1.044	1.025	1.042	1.024	1.042	1.022	1.045	1.024	1.046	1.027	1.050	1.034
Some Hill (Some Wind Ltd.)	SN1	Trillick	110	0.975	0.946	0.989	0.952	0.973	0.944	0.962	0.944	0.946	0.912	0.945	0.915	0.965	0.925	0.966	0.921	0.973	0.928	0.965	0.925	0.970	0.930	0.968	0.943
Taubeg (Taubeg Ltd.)	TR1	Glenlara	110	1.049	1.035	1.050	1.042	1.045	1.040	1.054	1.037	1.035	1.023	1.045	1.015	1.045	1.015	1.044	1.015	1.028	0.997	1.012	0.974	1.010	0.981	1.015	0.992
Tournafulla (Tournafulla Wind Farm Ltd.)	TN2	Trien	110	1.001	1.000	1.001	1.004	0.995	1.001	1.010	1.002	0.990	0.989	1.001	0.985	0.993	0.979	0.995	0.982	0.978	0.964	0.964	0.943	0.962	0.947	0.962	0.954
Tursillagh 1	TUR	Tralee	110	1.018	1.012	1.017	1.017	1.012	1.014	1.026	1.015	1.006	0.999	1.016	0.994	1.008	0.990	1.010	0.992	0.991	0.973	0.978	0.950	0.976	0.957	0.978	0.966
Tursillagh 2	TU2	Tralee	110	1.018	1.012	1.017	1.017	1.012	1.014	1.026	1.015	1.006	0.999	1.016	0.994	1.008	0.990	1.010	0.992	0.991	0.973	0.978	0.950	0.976	0.957	0.978	0.966

Notes

\* It is assumed that the new ESBPG CCGT at Longpoint will begin to export in July 2009. On connection of the new unit the Aghada 220kV bus will be sectionalised. Thus the configuration of the station changes in July 2009 and all units (new and existing) do not necessarily receive the same TLAFs from that time

Day hours = 07:00 to 22:00

Night hours = 22:00 to 07:00

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Station Name	kV	January		February		March		April		May		June		July		August		September		October		November		December	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Agannygal	110	1.006	0.999	1.007	1.004	1.002	1.001	1.011	1.000	0.999	0.991	1.004	0.987	1.012	0.995	1.005	0.986	0.995	0.976	0.984	0.965	0.985	0.969	0.987	0.974
Aghada	110	1.050	1.045	1.050	1.050	1.046	1.048	1.053	1.047	1.038	1.036	1.052	1.029	1.057	1.037	1.053	1.035	1.037	1.018	1.026	0.995	1.023	1.000	1.029	1.011
Aghada A	220	1.047	1.042	1.048	1.047	1.044	1.046	1.051	1.044	1.037	1.033	1.049	1.027	1.026	1.013	1.023	1.011	1.000	0.989	0.983	0.957	0.976	0.960	0.981	0.971
Aghada B	220													1.025	1.012	1.022	1.010	0.986	0.982	0.966	0.940	0.958	0.942	0.965	0.955
Aghada C	220													1.055	1.034	1.051	1.032	1.036	1.016	1.024	0.993	1.022	0.998	1.028	1.009
Ahane	110	1.027	1.023	1.029	1.030	1.024	1.029	1.037	1.029	1.020	1.017	1.030	1.012	1.028	1.009	1.029	1.011	1.011	0.992	0.993	0.969	0.989	0.972	0.992	0.980
Ardnacrussha	110	1.028	1.024	1.030	1.033	1.025	1.032	1.039	1.032	1.022	1.020	1.033	1.014	1.032	1.011	1.034	1.013	1.017	0.994	0.997	0.971	0.991	0.973	0.994	0.981
Arigna	110	0.995	0.991	0.999	0.992	0.996	0.990	0.999	0.993	0.992	0.983	0.991	0.986	0.996	0.988	0.996	0.985	1.000	0.992	0.995	0.990	0.998	0.991	0.995	0.993
Arklow	110	1.006	1.008	1.004	1.008	1.005	1.010	1.004	1.006	1.011	1.012	1.003	1.005	1.005	1.005	1.005	1.004	1.006	1.005	1.013	1.014	1.011	1.013	1.013	1.012
Arklow	220	1.008	1.011	1.006	1.011	1.008	1.012	1.007	1.008	1.013	1.014	1.006	1.006	1.009	1.007	1.008	1.006	1.009	1.006	1.015	1.013	1.013	1.013	1.015	1.012
Arva	110	1.010	1.003	1.013	1.004	1.013	1.004	1.010	1.006	1.009	0.999	1.007	1.001	1.009	1.000	1.009	0.999	1.014	1.005	1.014	1.010	1.017	1.011	1.015	1.011
Athea	110	0.999	0.997	0.998	1.002	0.993	0.999	1.008	1.000	0.988	0.987	0.999	0.983	0.991	0.977	0.993	0.980	0.976	0.962	0.962	0.941	0.960	0.945	0.960	0.952
Athlone	110	1.017	1.007	1.018	1.010	1.012	1.006	1.018	1.005	1.010	0.997	1.011	0.992	1.025	1.004	1.011	0.990	1.014	0.991	1.003	0.982	1.006	0.986	1.007	0.994
Athy	110	1.014	1.011	1.013	1.013	1.016	1.016	1.011	1.006	1.018	1.013	1.009	1.003	1.024	1.013	1.030	1.018	1.020	1.008	1.022	1.012	1.024	1.016	1.023	1.015
Aughinish	110	0.988	0.987	0.990	0.994	0.983	0.990	0.999	0.994	0.981	0.982	0.994	0.980	0.989	0.975	1.003	0.990	0.975	0.961	0.956	0.936	0.953	0.940	0.955	0.946
Ballybeg	110	1.004	1.007	1.002	1.007	1.003	1.009	1.002	1.005	1.010	1.012	1.002	1.004	1.004	1.005	1.004	1.005	1.005	1.012	1.015	1.011	1.013	1.012	1.012	1.012
Ballydine	110	1.081	1.064	1.082	1.068	1.078	1.068	1.080	1.063	1.072	1.055	1.074	1.047	1.077	1.049	1.070	1.046	1.066	1.037	1.016	1.028	1.062	1.034	1.067	1.043
Ballylickey	110	1.062	1.047	1.063	1.053	1.058	1.052	1.067	1.050	1.049	1.030	1.060	1.020	1.053	1.018	1.050	1.017	1.032	0.998	1.017	0.971	1.015	0.982	1.021	0.998
Ballywater	110	1.045	1.029	1.044	1.031	1.044	1.033	1.041	1.024	1.043	1.023	1.037	1.013	1.021	1.009	1.020	1.008	1.021	1.007	1.025	1.010	1.023	1.013	1.026	1.015
Bandon	110	1.075	1.061	1.075	1.067	1.071	1.065	1.080	1.064	1.063	1.045	1.073	1.035	1.067	1.034	1.064	1.033	1.047	1.015	1.034	0.990	1.032	1.001	1.038	1.015
Banoge	110	1.028	1.022	1.026	1.023	1.027	1.025	1.025	1.019	1.029	1.021	1.022	1.013	1.017	1.011	1.016	1.010	1.017	1.010	1.022	1.017	1.022	1.017	1.024	1.018
Barnahely	110	1.057	1.049	1.058	1.054	1.054	1.053	1.064	1.053	1.048	1.041	1.059	1.032	1.059	1.037	1.055	1.035	1.039	1.018	1.028	0.995	1.025	1.000	1.031	1.012
Baroda	110	1.001	1.000	1.000	1.001	1.006	1.007	0.996	0.995	1.010	1.006	0.997	0.995	1.011	1.005	1.024	1.018	1.009	1.002	1.017	1.013	1.020	1.016	1.017	1.011
Barrymore	110	1.072	1.059	1.072	1.064	1.068	1.063	1.076	1.061	1.061	1.049	1.070	1.041	1.060	1.036	1.056	1.034	1.038	1.016	1.025	0.991	1.022	0.996	1.028	1.008
Bellacorick	110	1.048	1.029	1.051	1.031	1.044	1.025	1.046	1.025	1.030	1.007	1.020	1.008	1.036	1.015	1.042	1.012	1.047	1.017	1.039	1.013	1.051	1.022	1.049	1.027
Binbane	110	0.975	0.963	0.987	0.967	0.986	0.970	0.983	0.977	0.974	0.955	0.975	0.960	0.990	0.967	0.991	0.966	0.993	0.972	0.985	0.964	0.985	0.965	0.981	0.974
Blake	110	0.998	0.999	0.997	0.999	1.002	1.004	0.994	0.993	1.007	1.005	0.995	0.994	1.008	1.003	1.019	1.014	1.007	1.001	1.015	1.012	1.016	1.014	1.014	1.010
Booliagh	110	1.032	1.023	1.034	1.029	1.028	1.027	1.040	1.027	1.023	1.014	1.029	1.009	1.029	1.007	1.029	1.007	1.017	0.993	1.002	0.977	1.001	0.981	1.003	0.988
Butlerstown	110	1.052	1.043	1.051	1.045	1.050	1.046	1.050	1.041	1.047	1.038	1.046	1.030	1.052	1.033	1.049	1.032	1.047	1.027	1.046	1.024	1.047	1.028	1.051	1.034
Cahir	110	1.097	1.075	1.098	1.081	1.093	1.080	1.098	1.075	1.085	1.062	1.088	1.055	1.087	1.053	1.079	1.049	1.070	1.035	1.061	1.021	1.061	1.029	1.069	1.041
Carlow	110	1.020	1.021	1.019	1.022	1.020	1.023	1.019	1.018	1.023	1.021	1.017	1.014	1.027	1.018	1.027	1.019	1.026	1.016	1.027	1.019	1.026	1.021	1.027	1.022
Carrick On Shannon	110	0.998	0.994	1.000	0.995	0.998	0.993	1.001	0.996	0.995	0.987	0.994	0.990	0.998	0.992	0.998	0.989	1.003	0.996	0.997	0.995	1.000	0.995	0.998	0.996
Carrickmines	110	0.992	0.998	0.989	0.998	0.991	0.999	0.990	0.996	1.000	1.005	0.990	0.998	0.994	0.998	0.994	0.997	0.996	1.000	1.004	1.011	1.002	1.009	1.003	1.006
Carrickmines	220	0.989	0.996	0.986	0.996	0.989	0.997	0.988	0.994	0.998	1.003	0.988	0.996	0.991	0.996	0.991	0.995	0.993	0.997	1.001	1.009	0.998	1.006	0.999	1.003
Carrigadrohid	110	1.041	1.034	1.042	1.040	1.038	1.038	1.049	1.038	1.032	1.024	1.043	1.017	1.030	1.009	1.028	1.011	1.006	0.988	0.989	0.959	0.985	0.965	0.990	0.976
Cashla	110	0.987	0.995	0.987	0.995	0.982	0.989	0.995	0.993	0.985	0.986	0.982	0.986	0.987	0.989	0.989	0.987	0.986	0.986	0.979	0.984	0.981	0.985	0.978	0.985
Cashla	220	0.988	0.995	0.988	0.996	0.984	0.990	0.996	0.994	0.987	0.987	0.985	0.987	0.990	0.990	0.988	0.987	0.986	0.986	0.981	0.984	0.983	0.985	0.980	0.985
Castlebar	110	1.044	1.028	1.046	1.031	1.039	1.024	1.047	1.024	1.033	1.010	1.022	1.007	1.034	1.013	1.037	1.010	1.043	1.014	1.035	1.013	1.044	1.019	1.043	1.024
Castleview	110	1.057	1.049	1.057	1.054	1.054	1.052	1.062	1.052	1.047	1.040	1.058	1.032	1.051	1.031	1.047	1.029	1.028	1.010	1.014	0.983	1.011	0.988	1.017	1.000
Cathleen's Fall	110	0.977	0.969	0.989	0.973	0.990	0.977	0.988	0.983	0.979	0.963	0.980	0.969	0.993	0.975	0.995	0.973	0.994	0.979	0.987	0.969	0.987	0.972	0.982	0.980
Charlesland	110	1.000	1.005	0.998	1.005	1.000	1.006	0.998	1.003	1.007	1.011	0.998	1.003	1.001	1.004	1.001	1.003	1.003	1.005	1.011	1.015	1.009	1.013	1.010	1.011
Charlesville	110	1.051	1.039	1.052	1.046	1.047	1.044	1.056	1.042	1.038	1.028	1.048	1.021	1.048	1.021	1.047	1.021	1.030	1.003	1.014	0.979	1.012	0.985	1.017	0.995
Clahane	110	1.006	1.003	1.006	1.007	1.000	1.004	1.015	1.006	0.995	0.991	1.005	0.987	0.998	0.981	1.000	0.984	0.982	0.966	0.968	0.944	0.966	0.950	0.967	0.957
Clashavoon	110	1.037	1.030	1.037	1.036	1.033	1.034	1.044	1.034	1.027	1.020	1.037	1.014	1.023	1.005	1.022	1.005	1.000	0.984	0.983	0.955	0.979	0.959	0.983	0.970
Clashavoon	220	1.035	1.030	1.035	1.035	1.031	1.034	1.042	1.034	1.026	1.022	1.036	1.015	1.023	1.007	1.022	1.008	1.000	0.987	0.984	0.959	0.980	0.963	0.984	0.973
Cliff	110	0.976	0.968	0.988	0.971	0.988	0.976	0.986	0.983	0.978	0.963	0.979	0.968	0.992	0.975	0.994	0.973	0.993	0.979	0.985	0.969	0.985	0.970	0.980	0.979
Clonkeen	110	1.027	1.019	1.028	1.024	1.023	1.022	1.034	1.022	1.016	1.008														

# Appendix A: Republic of Ireland Transmission Loss Adjustment Factors 2009

Station Name	kV	January		February		March		April		May		June		July		August		September		October		November		December	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Kilteel	110	1.005	1.007	1.003	1.007	1.007	1.010	1.001	1.002	1.012	1.011	1.001	1.003	1.009	1.007	1.016	1.014	1.010	1.007	1.017	1.018	1.018	1.019	1.017	1.015
Kinnegad	110	1.007	1.011	1.005	1.010	1.007	1.011	1.003	1.008	1.012	1.015	1.003	1.009	1.000	1.003	1.006	1.008	1.001	1.003	1.009	1.015	1.011	1.014	1.009	1.009
Knockearagh	110	1.028	1.020	1.029	1.025	1.023	1.023	1.035	1.023	1.016	1.008	1.027	1.002	1.015	0.994	1.015	0.996	0.996	0.976	0.981	0.951	0.979	0.958	0.982	0.968
Knockraha	110	1.053	1.045	1.053	1.050	1.049	1.049	1.058	1.049	1.043	1.037	1.054	1.030	1.046	1.027	1.042	1.025	1.021	1.006	1.008	0.978	1.004	0.982	1.010	0.994
Knockraha	220	1.048	1.041	1.048	1.046	1.044	1.045	1.053	1.044	1.038	1.033	1.049	1.026	1.029	1.014	1.026	1.013	1.001	0.990	0.984	0.958	0.979	0.961	0.984	0.972
Lanesboro	110	0.998	0.988	0.997	0.988	0.992	0.984	1.001	0.988	0.989	0.975	0.991	0.978	0.997	0.983	0.992	0.976	1.016	0.998	0.993	0.981	0.995	0.981	0.994	0.984
Letterkenny	110	0.983	0.958	0.997	0.963	0.990	0.963	0.980	0.963	0.967	0.935	0.966	0.938	0.984	0.947	0.986	0.944	0.991	0.952	0.983	0.946	0.987	0.951	0.984	0.964
Liberty Street	110	1.058	1.049	1.058	1.054	1.055	1.053	1.069	1.056	1.053	1.043	1.062	1.034	1.059	1.035	1.055	1.033	1.038	1.015	1.025	0.990	1.022	0.996	1.028	1.008
Limerick	110	1.025	1.021	1.027	1.028	1.021	1.026	1.035	1.028	1.018	1.015	1.028	1.010	1.026	1.006	1.030	1.011	1.011	0.990	0.992	0.967	0.988	0.970	0.990	0.978
Lisdrum	110	1.021	1.008	1.023	1.008	1.023	1.009	1.013	1.009	1.015	1.003	1.014	1.005	1.010	1.002	1.010	1.005	1.016	1.012	1.021	1.018	1.024	1.021	1.023	1.019
Louth	110	0.986	0.985	0.986	0.984	0.988	0.985	0.983	0.987	0.987	0.989	0.987	0.993	0.985	0.991	0.985	0.991	0.991	0.999	0.997	1.011	0.998	1.007	0.997	1.002
Louth	220	0.987	0.987	0.987	0.986	0.989	0.987	0.985	0.988	0.989	0.991	0.988	0.993	0.987	0.993	0.987	0.992	0.993	0.999	0.998	1.011	0.999	1.007	0.998	1.002
Macroom	110	1.041	1.034	1.042	1.039	1.038	1.038	1.048	1.037	1.031	1.024	1.042	1.017	1.029	1.009	1.027	1.009	1.005	0.988	0.988	0.959	0.985	0.964	0.989	0.975
Mallow	110	1.059	1.047	1.060	1.053	1.056	1.052	1.063	1.049	1.046	1.035	1.055	1.026	1.055	1.027	1.052	1.026	1.035	1.008	1.020	0.983	1.018	0.990	1.023	1.001
Marina	110	1.058	1.049	1.058	1.054	1.054	1.054	1.069	1.056	1.053	1.043	1.062	1.034	1.059	1.035	1.055	1.033	1.038	1.015	1.025	0.990	1.022	0.996	1.028	1.008
Maynooth A	110	0.993	1.000	0.991	1.000	0.993	1.001	0.991	0.998	1.000	1.005	0.992	1.000	0.994	0.999	0.995	1.001	0.996	1.001	1.003	1.012	1.003	1.010	1.002	1.007
Maynooth A	220	0.988	0.995	0.986	0.995	0.987	0.996	0.987	0.994	0.996	1.001	0.988	0.996	0.991	0.996	0.991	0.996	0.993	0.997	0.999	1.007	0.997	1.005	0.997	1.002
Maynooth B	110	0.988	0.997	0.986	0.996	0.988	0.997	0.987	0.994	0.997	1.003	0.988	0.997	0.992	0.998	0.993	0.998	0.993	0.999	1.000	1.010	0.998	1.007	0.998	1.003
Maynooth B	220	0.991	0.999	0.989	0.998	0.991	0.999	0.990	0.997	0.998	1.004	0.990	0.999	0.993	0.999	0.994	0.999	0.995	1.001	1.002	1.011	1.001	1.009	1.001	1.006
Meath Hill	110	0.994	0.990	0.995	0.990	0.997	0.991	0.991	0.992	0.995	0.994	0.994	0.997	0.993	0.997	0.993	0.997	0.999	1.004	1.006	1.017	1.007	1.014	1.007	1.009
Meentycat	110	0.975	0.953	0.989	0.957	0.982	0.957	0.972	0.958	0.959	0.930	0.959	0.934	0.976	0.942	0.978	0.940	0.983	0.947	0.974	0.941	0.978	0.945	0.975	0.957
Middleton	110	1.061	1.052	1.061	1.057	1.057	1.056	1.065	1.056	1.050	1.044	1.062	1.036	1.058	1.036	1.054	1.035	1.035	1.016	1.022	0.989	1.018	0.995	1.024	1.006
Moneteen	110	1.018	1.014	1.019	1.022	1.014	1.020	1.028	1.021	1.011	1.009	1.022	1.005	1.019	1.001	1.025	1.007	1.004	0.985	0.985	0.961	0.981	0.964	0.984	0.972
Moneypoint	110	1.036	1.025	1.038	1.032	1.032	1.029	1.043	1.028	1.026	1.015	1.032	1.010	1.031	1.007	1.030	1.007	1.019	0.993	1.004	0.977	1.003	0.982	1.005	0.989
Moneypoint	220	0.993	0.998	0.992	1.001	0.987	0.998	1.003	1.001	0.985	0.990	0.994	0.987	0.993	0.985	0.995	0.988	0.980	0.972	0.966	0.953	0.964	0.956	0.964	0.962
Moneypoint A	380	0.967	0.982	0.963	0.980	0.962	0.977	0.969	0.979	0.970	0.982	0.969	0.983	0.975	0.986	0.977	0.985	0.978	0.988	0.973	0.989	0.975	0.988	0.971	0.983
Moneypoint B	380	0.993	0.998	0.991	1.000	0.986	0.997	1.002	1.001	0.984	0.989	0.994	0.987	0.992	0.984	0.994	0.987	0.979	0.972	0.966	0.952	0.964	0.956	0.963	0.961
Monread	110	1.003	1.003	1.002	1.004	1.007	1.009	0.999	0.998	1.011	1.009	0.999	0.999	1.011	1.006	1.021	1.016	1.010	1.005	1.018	1.016	1.020	1.018	1.018	1.014
Moy	110	1.049	1.029	1.053	1.031	1.046	1.025	1.045	1.025	1.028	1.004	1.017	1.009	1.037	1.016	1.045	1.013	1.048	1.019	1.042	1.012	1.054	1.023	1.051	1.029
Mullagharlin	110	0.995	0.992	0.996	0.991	0.997	0.992	0.992	0.993	0.996	0.995	0.995	0.999	0.993	0.997	0.993	0.997	1.000	1.005	1.007	1.018	1.008	1.014	1.007	1.010
Mullingar	110	1.010	1.003	1.008	1.003	1.007	1.002	1.009	1.001	1.008	0.998	1.003	0.996	1.010	0.998	1.006	0.994	1.023	1.009	1.016	1.008	1.017	1.008	1.017	1.008
Navan	110	1.001	1.004	1.000	1.003	1.002	1.004	0.999	1.003	1.007	1.009	1.001	1.007	1.002	1.006	1.003	1.005	1.008	1.011	1.015	1.023	1.015	1.020	1.015	1.017
Nenagh	110	1.047	1.037	1.048	1.045	1.043	1.043	1.055	1.043	1.037	1.029	1.046	1.023	1.043	1.019	1.044	1.021	1.027	1.002	1.009	0.979	1.006	0.984	1.010	0.992
Newbridge	110	0.998	0.996	0.997	0.997	1.003	1.004	0.993	0.990	1.007	1.003	0.994	0.991	1.009	1.002	1.024	1.017	1.007	0.998	1.015	1.009	1.018	1.013	1.014	1.008
North Wall	220	0.981	0.989	0.978	0.988	0.980	0.990	0.981	0.988	0.991	0.998	0.982	0.992	0.985	0.992	0.984	0.990	0.988	0.994	0.997	1.009	0.993	1.004	0.993	1.000
Oldstreet	220	0.968	0.983	0.966	0.982	0.964	0.977	0.974	0.980	0.972	0.980	0.968	0.981	0.974	0.985	0.975	0.982	0.975	0.984	0.971	0.988	0.973	0.986	0.969	0.982
Oldstreet	380	0.971	0.985	0.969	0.983	0.967	0.980	0.975	0.982	0.976	0.984	0.971	0.984	0.977	0.987	0.978	0.985	0.978	0.987	0.977	0.992	0.978	0.990	0.974	0.986
Oughtragh	110	1.030	1.021	1.030	1.026	1.025	1.024	1.037	1.024	1.017	1.008	1.027	1.002	1.017	0.996	1.018	0.997	0.999	0.978	0.985	0.955	0.983	0.962	0.986	0.971
Platin	110	0.996	1.001	0.994	1.000	0.996	1.001	0.995	1.000	1.004	1.008	0.997	1.004	0.999	1.004	0.999	1.003	1.004	1.009	1.013	1.023	1.011	1.019	1.011	1.015
Poolaphuca	110	1.021	1.025	1.021	1.027	1.026	1.028	1.026	1.022	1.026	1.025	1.021	1.015	1.035	1.022	1.035	1.022	1.036	1.020	1.033	1.022	1.025	1.025	1.025	1.028
Poolbeg	220	0.981	0.990	0.978	0.989	0.981	0.990	0.981	0.988	0.992	0.998	0.982	0.992	0.985	0.992	0.984	0.991	0.988	0.995	0.997	1.009	0.993	1.004	0.994	1.000
Poolbeg	220	0.989	0.996	0.986	0.995	0.988	0.997	0.988	0.994	0.998	1.003	0.988	0.997	0.991	0.996	0.990	0.995	0.993	0.998	1.001	1.010	0.998	1.007	0.999	1.004
Portlaoise	110	0.998	0.993	0.998	0.995	1.002	1.000	0.993	0.987	1.004	0.996	0.993	0.985	1.014	1.001	1.025	1.012	1.005	0.991	1.010	0.997	1.013	1.003	1.010	1.000
Prospect	220	0.996	1.000	0.994	1.003	0.989	0.999	1.005	1.003	0.987	0.991	0.997	0.989	0.995	0.986	0.997	0.989	0.982	0.973	0.968	0.955	0.966	0.958	0.966	0.963
Raffeen	110	1.056	1.048	1.057	1.053	1.052	1.052	1.063	1.052	1.048	1.040	1.058	1.031	1.058	1.036	1.054	1.034	1.039	1.017	1.027	0.994	1.024	1.000	1.030	1.011
Raffeen	220	1.054	1.046	1.054	1.051	1.050	1.050	1.060	1.050	1.045	1.038	1.055	1.029	1.055	1.034	1.052	1.032	1.036	1.016	1.025	0.993	1.022</			