

Iain Osborne  
NIAER  
Queen's House,  
14 Queen Street  
BELFAST  
BT1 6ER

16 November 2006

Dear Iain

**Re: Submission of All Island TLAFs for November & December 2007**

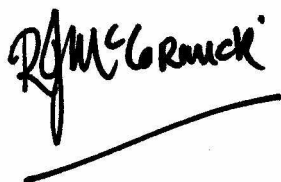
SONI and EirGrid submit to the Regulatory Authorities (RAs – NIAER & CER) a set of Transmission Loss Adjustment Factors (TLAF) for the final 2 months of 2007 for Northern Ireland market participants (Appendix 1). These have been calculated in accordance with the RAs' decision on the Treatment of Transmission Losses of 31 August 2006.

In addition a set of indicative TLAFs for all nodes on the transmission systems in both jurisdictions has been provided (Appendix 2).

SONI and EirGrid would request that the RAs bring this information to the attention of market participants through publication on their respective websites.

Please contact us if you require any further clarification.

Yours sincerely



**Robin McCormick**

Copy: Dermot MacCann

## Appendix 1

NI Transmission Loss Adjustment Factors 2007 [All-Ireland Market]						
Transmission-Connected Generation Station	Unit Identifier	Connected at	Month			
			November		December	
			Day	Night	Day	Night
Ballylumford	B4	Ballylumford 275 kV	0.979	0.966	0.982	0.971
Ballylumford	B5	Ballylumford 275 kV	0.979	0.966	0.982	0.971
Ballylumford	B6	Ballylumford 275 kV	0.979	0.966	0.982	0.971
Ballylumford	BGT1	Ballylumford 110 kV	0.975	0.965	0.978	0.969
Ballylumford	BGT2	Ballylumford 110 kV	0.975	0.965	0.978	0.969
Ballylumford	B10	Ballylumford 110 kV	0.975	0.965	0.978	0.969
Ballylumford Combined	B20, B21, B22	Ballylumford 275 kV	0.979	0.966	0.982	0.971
Coolkeeragh	C30	Coolkeeragh 275/110 kV	0.974	0.959	0.976	0.963
Coolkeeragh	CGT8	Coolkeeragh 110 kV	0.974	0.958	0.975	0.962
Kilroot	K1	Kilroot 275 kV	0.980	0.966	0.984	0.971
Kilroot	K2	Kilroot 275 kV	0.980	0.966	0.984	0.971
Kilroot	KGT1	Kilroot 275 kV	0.980	0.966	0.984	0.971
Kilroot	KGT2	Kilroot 275 kV	0.980	0.966	0.984	0.971
Moyle	M	Ballycronanmore 275 kV	0.997	0.989	0.996	0.988

## Appendix 2

ALL-ISLAND TRANSMISSION LOSS ADJUSTMENT FACTORS 2007					
Transmission Station	Bus Voltage kV	Month			
		November		December	
		Day	Night	Day	Night
Antrim	110	0.987	0.97	0.991	0.975
Ballylumford	110	0.975	0.965	0.978	0.969
Ballylumford	275	0.979	0.966	0.982	0.971
Ballymena	110	0.995	0.975	0.998	0.98
Banbridge	110	0.999	0.985	1.001	0.989
Ballyvally	110	0.982	0.968	0.985	0.973
Ballynahinch	110	1.004	0.983	1.007	0.989
Carnmoney	110	0.991	0.976	0.994	0.982
Castlereagh	110	0.994	0.976	0.996	0.981
Castlereagh	275	0.99	0.974	0.992	0.978
Belast Central	110	0.995	0.978	0.998	0.982
Coleraine	110	1.003	0.975	1.004	0.981
Coolkerragh	110	0.974	0.958	0.975	0.962
Coolkerragh	275	0.974	0.96	0.976	0.964
Creagh	110	0.979	0.965	0.983	0.969
Cregagh	110	0.995	0.977	0.997	0.982
Donegal	110	0.995	0.977	0.998	0.982
Drumnakelly	110	0.996	0.982	0.998	0.985
Dungannon	110	1	0.982	1.001	0.985
Eden	110	0.986	0.973	0.989	0.978
Enniskillen	110	1.025	0.992	1.025	0.99
Finaghy	110	0.994	0.976	0.997	0.981
Glengormley	110	0.989	0.971	0.993	0.977
Hannahstown	110	0.993	0.976	0.996	0.981
Hannahstown	275	0.988	0.973	0.991	0.977
Kells	110	0.985	0.968	0.988	0.973
Kells	275	0.982	0.968	0.985	0.972
Kilroot	275	0.98	0.966	0.984	0.971
Knock	110	0.995	0.977	0.997	0.982
Larne	110	0.983	0.969	0.986	0.974
Limavady	110	0.994	0.969	0.995	0.975
Lisburn	110	0.996	0.978	0.999	0.983
Lisaghmore	110	0.977	0.961	0.979	0.965
Loguestown	110	1.006	0.977	1.007	0.983
Magherafelt	275	0.983	0.97	0.986	0.974
Moyle	275	0.979	0.966	0.982	0.97
Newtownards	110	1.001	0.981	1.003	0.986
Newry	110	1.011	0.992	1.013	0.997
Norfil	110	0.987	0.97	0.99	0.975
Omagh	110	1.007	0.981	1.007	0.982
Rathgael	110	1.004	0.983	1.007	0.988
Rosebank	110	0.994	0.977	0.997	0.981
Strabane	110	0.985	0.964	0.985	0.967
Tandragee	110	0.993	0.98	0.995	0.984
Tandragee	275	0.99	0.977	0.992	0.981
Coal Island	110	0.992	0.977	0.993	0.98
Coal Island	275	0.988	0.974	0.99	0.978
Warringstown	110	0.997	0.983	0.999	0.987
West Belfast Central	110	0.998	0.979	1.001	0.984

**ALL-ISLAND TRANSMISSION LOSS ADJUSTMENT FACTORS 2007**

Transmission Station	Bus Voltage kV	Month			
		November		December	
		Day	Night	Day	Night
Ardnacrusha	110	1.019	1.024	1.018	1.019
Aghada	110	1.049	1.051	1.046	1.052
Aghada	220	1.047	1.05	1.044	1.051
Arigna	110	0.995	0.988	0.995	0.988
Agannygal	110	0.995	0.988	0.996	0.99
Ahane	110	1.021	1.022	1.02	1.021
Arklow	110	0.999	1.016	1.001	1.014
Arklow	220	1.003	1.019	1.004	1.017
Athea	110	0.992	0.997	0.991	1
Athlone	110	1.008	0.993	1.009	0.996
Aughinish	110	0.983	0.982	0.981	0.981
Arva	110	1.012	1	1.012	1.001
Athy	110	1.009	1.009	1.008	1.005
Ballywater	110	1.045	1.042	1.044	1.043
Ballycummin	110	0	0	1.016	1.016
Booltiagh	110	1.016	1.017	1.014	1.017
Baltrasna	110	0	0	0.99	1.003
Ballylickey	110	1.059	1.053	1.057	1.056
Ballybeg	110	0.994	1.012	0.998	1.011
Blake	110	0.97	0.97	0.992	0.989
Binbane	110	0.982	0.969	0.978	0.962
Ballydine	110	1.074	1.071	1.072	1.071
Barnahely	110	1.056	1.06	1.053	1.061
Bellacorick	110	1.056	1.037	1.054	1.041
Bandon	110	1.07	1.069	1.066	1.072
Barrymore	110	1.065	1.064	1.062	1.065
Butlerstown	110	1.049	1.055	1.048	1.054
Banoge	110	1.023	1.031	1.024	1.031
Clashavoon	110	1.035	1.039	1.033	1.04
Clashavoon	220	1.032	1.034	1.03	1.035
Clonkeen	110	1.019	1.017	1.016	1.02
Coolroe	110	1.051	1.055	1.048	1.056
Corderry	110	0.995	0.987	0.994	0.987
Cashla	110	0.973	0.978	0.972	0.979
Cashla	220	0.977	0.981	0.976	0.982
Castlebar	110	1.057	1.046	1.055	1.051
Carrigadrohid	110	1.04	1.043	1.038	1.044
Cathleen's Fall	110	0.984	0.974	0.979	0.966
Cahir	110	1.083	1.073	1.081	1.075
Carrickmines	110	0.987	1.007	0.989	1.004
Carrickmines	220	0.984	1.005	0.985	1.002
Cliff	110	0.981	0.974	0.976	0.964
Cloon	110	1.001	0.997	1	0.999
Camus	110	0	0	0.992	1.001
Crane	110	1.045	1.043	1.045	1.044
Carrick On Shannon	110	0.996	0.99	0.996	0.99
College Park	110	0.981	1.005	0.981	1.002
Charleville	110	1.053	1.042	1.048	1.04
Carlow	110	1.017	1.026	1.017	1.022
Cow Cross	110	1.056	1.058	1.052	1.059
Cunghill	110	1.019	1.003	1.018	1.005
Cushaling	110	0.945	0.935	0.953	0.937

Castleview	110	1.054	1.057	1.051	1.058
Coomagearlahy	110	1.018	1.016	1.015	1.018
Corraclassy	110	1.016	0.996	1.014	0.994
Cullenagh	110	1.044	1.05	1.043	1.049
Cullenagh	220	1.039	1.044	1.038	1.043
Charlesland	110	0	0	0.995	1.008
Corduff	110	0.978	1.001	0.979	0.998
Corduff	220	0.977	0.999	0.977	0.996
Dundalk	110	1.003	0.992	1.005	0.995
Drumline	110	1.023	1.025	1.021	1.022
Dungarvan	110	1.06	1.063	1.058	1.063
Doon	110	1.085	1.079	1.083	1.081
Drybridge	110	0.998	1.008	1	1.007
Dunstown	220	0.983	1.002	0.983	0.996
Dunstown	380	0.979	0.997	0.979	0.991
Dunmanway	110	1.062	1.058	1.059	1.061
Derrybrien	110	0.991	0.982	0.992	0.984
Dallow	110	0.997	0.989	1	0.991
Derryiron	110	0.999	1.011	0.999	1.01
Dalton	110	1.045	1.034	1.043	1.038
Dunfirth	110	0.994	1.009	0.995	1.006
Drumkeen	110	0.984	0.959	0.981	0.956
Ennis	110	1.017	1.017	1.016	1.016
Fassaroe East	110	0.991	1.009	0.993	1.007
Fassarow West	110	0.991	1.009	0.993	1.007
Flagford	110	0.995	0.988	0.995	0.989
Flagford	220	0.993	0.988	0.993	0.988
Finglas Urban	110	0.98	1.003	0.98	1
Finglas	220	0.978	1.001	0.978	0.998
Finglas Rural	110	0.98	1.005	0.98	1.002
Gilra	110	0.999	0.992	0.999	0.993
Griffinrath	110	0.987	1.005	0.987	1
Glanlee	110	1.018	1.016	1.015	1.018
Great Island	110	1.043	1.047	1.041	1.046
Great Island	220	1.032	1.039	1.031	1.037
Galway	110	0.987	0.993	0.987	0.995
Golagh	110	0.983	0.966	0.98	0.961
Gortawee	110	1.02	1.002	1.019	1.001
Gorman	110	0.999	1.004	1	1.003
Gorman	220	0.993	0.997	0.994	0.996
Glenlara	110	1.053	1.039	1.048	1.037
Huntstown	220	0.978	1.001	0.977	0.998
Huntstown	220	0.976	0.999	0.976	0.996
Hartnett's Cross	110	1.04	1.043	1.038	1.044
Inniscarra	110	1.049	1.053	1.046	1.053
Inchicore	220	0.984	1.005	0.984	1.001
Ikerrin	110	1.057	1.044	1.058	1.048
Irishtown	220	0.982	1.003	0.983	1
Knockraha	110	1.051	1.053	1.048	1.054
Knockraha	220	1.046	1.049	1.043	1.049
Kilbarry	110	1.06	1.061	1.056	1.062
Kilteel	110	0.995	1.008	0.993	0.997
Kilkenny	110	1.053	1.057	1.052	1.055
Killonan	110	1.021	1.022	1.02	1.021
Killonan	220	1.015	1.016	1.014	1.016
Knockearagh	110	1.014	1.017	1.013	1.021
Kellis	110	1.015	1.025	1.014	1.021

Kellis	220	1.012	1.022	1.011	1.018
Kinnegad	110	0.998	1.011	0.999	1.009
Killotern	110	1.048	1.054	1.046	1.053
Lanesboro	110	0.995	0.974	0.992	0.973
Louth	110	0.991	0.983	0.993	0.986
Louth	220	0.991	0.986	0.993	0.987
Limerick	110	1.017	1.019	1.016	1.017
Lisdrum	110	1.014	0.999	1.015	1.004
Letterkenny	110	0.988	0.96	0.986	0.959
Liberty Street	110	1.06	1.062	1.057	1.064
Liberty Street	110	1.06	1.062	1.057	1.063
Midleton	110	1.057	1.058	1.054	1.059
Meath Hill	110	0.997	0.989	1	0.993
Maynooth	110	0.986	1.003	0.986	0.998
Maynooth	220	0.986	1.004	0.987	0.999
Maynooth	110	0.985	1.003	0.985	0.999
Maynooth	220	0.984	1.001	0.984	0.998
Macroom	110	1.039	1.042	1.037	1.043
Moneteen	110	1.011	1.012	1.01	1.01
Moneypoint	380	0.956	0.969	0.954	0.964
Moneypoint	110	1.018	1.02	1.016	1.02
Moneypoint	220	0.981	0.986	0.982	0.988
Moneypoint	380	0.956	0.97	0.954	0.964
Moneypoint	380	0.98	0.985	0.981	0.987
Marina	110	1.06	1.062	1.057	1.064
Mullingar	110	1.01	1.002	1.009	1.001
Mallow	110	1.062	1.055	1.055	1.051
Moy	110	1.055	1.031	1.053	1.034
Mullagharlin	110	0.999	0.989	1.002	0.992
Meentycat	110	0.981	0.956	0.979	0.954
Monread	110	1	1.008	0.992	0.991
Newbridge	110	1.005	1.007	0.988	0.983
Navan	110	1.005	1.007	1.007	1.006
North Wall	220	0.978	1.002	0.978	0.998
Nenagh	110	1.039	1.037	1.037	1.037
Oughtragh	110	1.017	1.024	1.016	1.028
Oldstreet	220	0.957	0.968	0.956	0.966
Oldstreet	380	0.961	0.975	0.961	0.972
Poolaphuca	110	1.025	1.03	1.025	1.027
Poolbeg	220	0.979	1.002	0.978	0.999
Poolbeg	220	0.985	1.006	0.985	1.002
Portlaoise	110	0.992	0.985	0.992	0.98
Platin	110	0.996	1.008	0.998	1.007
Prospect	220	0.985	0.99	0.985	0.991
Ryebrook	110	0.989	1.009	0.989	1.005
Rathkeale	110	1.002	1.006	1.002	1.007
Richmond	110	0.999	0.977	0.995	0.977
Richmon	110	0.999	0.977	0.995	0.977
Raffeen	110	1.055	1.059	1.052	1.06
Raffeen	220	1.052	1.055	1.049	1.056
Rinawade	110	0.989	1.006	0.989	1.002
Ringaskiddy	110	1.055	1.059	1.052	1.06
Ratrussan	110	1.002	0.986	1.003	0.991
Shannonbridge	110	0.992	0.987	0.995	0.991
Shannonbridge	220	0.997	0.997	0.999	0.999
Shankill	110	1.015	0.998	1.015	1.002
Sligo	110	1.005	0.994	1.004	0.994

Sorne Hill	110	0.98	0.947	0.978	0.946
Somerset	110	0.993	0.989	0.995	0.992
Shellybanks	220	0.978	1.002	0.978	0.998
Srananagh	110	0.997	0.989	0.996	0.988
Srananagh	220	0.997	0.989	0.996	0.988
Seal Rock	110	0.982	0.981	0.98	0.98
Stratford	110	1.025	1.031	1.025	1.028
Seal Rock	110	0.982	0.981	0.98	0.98
Shellybanks	220	0.982	1.003	0.982	1
Tarbert	110	0.987	0.992	0.987	0.994
Tarbert	220	0.991	0.997	0.991	0.998
Tynagh	220	0.954	0.964	0.955	0.963
Trabeg	110	1.061	1.063	1.057	1.064
Turlough Hill	220	0.982	1.008	0.983	0.997
Tullabrack	110	1.018	1.021	1.016	1.021
Tawnaghmore	110	1.055	1.031	1.053	1.034
Tawnaghmore	110	1.055	1.031	1.053	1.034
Trien	110	0.995	0.999	0.993	1.002
Tralee	110	1.009	1.011	1.008	1.013
Thurles	110	1.081	1.069	1.08	1.073
Thornsberry	110	1.013	1.02	1.013	1.018
Tonroe	110	1.001	0.995	1.001	0.997
Trillick	110	0.981	0.948	0.979	0.947
Tipperary	110	1.063	1.057	1.062	1.057
Waterford	110	1.046	1.052	1.045	1.051
Woodland	220	0.977	0.995	0.977	0.992
Woodland	380	0.973	0.99	0.973	0.987
Whitegate	110	1.051	1.053	1.048	1.054
Wexford	110	1.056	1.048	1.056	1.049