

1718 SINGLE ELECTRICITY MARKET PROPOSED TRANSMISSION LOSS ADJUSTMENT FACTORS - MARKET PARTICIPANTS																												
Market Participant - Transmission Connected	Unit ID TSO	GU ID	Transmission Station	kV	Month																							
					October		November		December		January		February		March		April		May		June		July		August		September	
					Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Ardnacrusha 1 Generator Unit	AA1		ARDNACRUSHA	110	0.98	0.98	0.977	0.977	0.978	0.976	0.977	0.973	0.978	0.975	0.98	0.978	0.98	0.977	0.982	0.979	0.982	0.98	0.984	0.98	0.982	0.979	0.982	0.979
Ardnacrusha 2 Generator Unit	AA2		ARDNACRUSHA	110	0.98	0.98	0.977	0.977	0.978	0.976	0.977	0.973	0.978	0.975	0.98	0.978	0.98	0.977	0.982	0.979	0.982	0.98	0.984	0.98	0.982	0.979	0.982	0.979
Ardnacrusha 3 Generator Unit	AA3		ARDNACRUSHA	110	0.98	0.98	0.977	0.977	0.978	0.976	0.977	0.973	0.978	0.975	0.98	0.978	0.98	0.977	0.982	0.979	0.982	0.98	0.984	0.98	0.982	0.979	0.982	0.979
Ardnacrusha 4 Generator Unit	AA4		ARDNACRUSHA	110	0.98	0.98	0.977	0.977	0.978	0.976	0.977	0.973	0.978	0.975	0.98	0.978	0.98	0.977	0.982	0.979	0.982	0.98	0.984	0.98	0.982	0.979	0.982	0.979
Aghada Generator Unit	AD1		AGHADA	220	0.975	0.973	0.971	0.971	0.974	0.971	0.966	0.966	0.971	0.968	0.973	0.969	0.967	0.964	0.971	0.968	0.974	0.971	0.974	0.971	0.974	0.969	0.974	0.971
AGHADA CT11 Generator Unit	AT1		AGHADA_B	220	0.975	0.973	0.971	0.971	0.974	0.971	0.966	0.966	0.971	0.968	0.973	0.969	0.967	0.964	0.971	0.968	0.974	0.971	0.974	0.971	0.974	0.969	0.974	0.971
AGHADA CT12 Generator Unit	AT2		AGHADA_B	220	0.975	0.973	0.971	0.971	0.974	0.971	0.967	0.966	0.972	0.969	0.973	0.969	0.967	0.964	0.972	0.968	0.974	0.971	0.974	0.971	0.975	0.97	0.975	0.972
AGHADA CT14 Generator Unit	AT4		AGH_AT14	220	0.975	0.973	0.971	0.971	0.974	0.971	0.966	0.966	0.971	0.968	0.973	0.969	0.967	0.964	0.971	0.968	0.974	0.971	0.974	0.971	0.974	0.969	0.974	0.971
ESB Arklow Bank	ARB		ARKLOW	110	0.996	0.996	0.995	0.995	0.996	0.997	0.997	0.995	0.996	0.994	0.997	0.996	0.995	0.993	0.995	0.994	0.999	0.998	0.997	0.996	0.998	0.996	0.999	0.998
Raheenleagh 1 Windfarm	RL1		ARKLOW	110	0.996	0.996	0.995	0.995	0.996	0.997	0.997	0.995	0.996	0.994	0.997	0.996	0.995	0.993	0.995	0.994	0.999	0.998	0.997	0.996	0.998	0.996	0.999	0.998
Athea Windfarm	AH1		AUTHEA	110	0.975	0.975	0.972	0.973	0.973	0.972	0.971	0.97	0.972	0.97	0.974	0.972	0.977	0.975	0.978	0.976	0.976	0.976	0.978	0.977	0.978	0.976	0.977	0.976
Sealrock 3 Generator Unit	SK3		AUGHINISH	110	0.967	0.966	0.966	0.964	0.967	0.964	0.965	0.962	0.966	0.962	0.968	0.965	0.97	0.967	0.972	0.968	0.97	0.968	0.973	0.97	0.971	0.967	0.972	0.97
Sealrock 4 Generator Unit	SK4		AUGHINISH	110	0.967	0.966	0.966	0.964	0.967	0.964	0.965	0.962	0.966	0.962	0.968	0.965	0.97	0.967	0.972	0.968	0.97	0.968	0.973	0.97	0.971	0.967	0.972	0.97
Booltiagh 2 Windfarm	BT2		BOOLTIAGH	110	0.977	0.977	0.975	0.975	0.976	0.975	0.975	0.973	0.975	0.974	0.977	0.975	0.98	0.978	0.98	0.979	0.977	0.977	0.979	0.978	0.979	0.977	0.978	0.977
Booltiagh Windfarm	BT1		BOOLTIAGH	110	0.977	0.977	0.975	0.975	0.976	0.975	0.975	0.973	0.975	0.974	0.977	0.975	0.98	0.978	0.98	0.979	0.977	0.977	0.979	0.978	0.979	0.977	0.978	0.977
Ballybane Windfarm	BA1		BALLYLICKEY	110	0.977	0.974	0.973	0.969	0.973	0.968	0.969	0.965	0.973	0.967	0.973	0.968	0.969	0.961	0.972	0.964	0.973	0.965	0.973	0.965	0.974	0.964	0.974	0.966
Ballybane Windfarm Phase 2	BA2		BALLYLICKEY	110	0.977	0.974	0.973	0.969	0.973	0.968	0.969	0.965	0.973	0.967	0.973	0.968	0.969	0.961	0.972	0.964	0.973	0.965	0.973	0.965	0.974	0.964	0.974	0.966
Ballybane Generator Unit	BA3		BALLYLICKEY	110	0.977	0.974	0.973	0.969	0.973	0.968	0.969	0.965	0.973	0.967	0.973	0.968	0.969	0.961	0.972	0.964	0.973	0.965	0.973	0.965	0.974	0.964	0.974	0.966
Curraghmore Hydro Plant	CM1		BALLYLICKEY	110	0.977	0.974	0.973	0.969	0.973	0.968	0.969	0.965	0.973	0.967	0.973	0.968	0.969	0.961	0.972	0.964	0.973	0.965	0.973	0.965	0.974	0.964	0.974	0.966
Airoshin Generator Unit	MC1		BINBANE	110	0.983	0.977	0.985	0.978	0.982	0.976	0.984	0.977	0.984	0.981	0.982	0.977	0.983	0.975	0.984	0.974	0.981	0.969	0.982	0.971	0.981	0.972	0.979	0.968
Clady Generating Station	CU1		BINBANE	110	0.983	0.977	0.985	0.978	0.982	0.976	0.984	0.977	0.984	0.981	0.982	0.977	0.983	0.975	0.984	0.974	0.981	0.969	0.982	0.971	0.981	0.972	0.979	0.968
Barranafaddock Windfarm	BF1		BARRYMORE	110	0.98	0.976	0.977	0.974	0.978	0.974	0.973	0.97	0.977	0.972	0.978	0.973	0.974	0.969	0.977	0.972	0.98	0.975	0.981	0.975	0.98	0.974	0.981	0.975
Cloghboola Windfarm	CL1		CLOGHBOOLA	110	0.973	0.973	0.971	0.971	0.972	0.974	0.969	0.968	0.971	0.968	0.972	0.97	0.976	0.974	0.977	0.975	0.975	0.974	0.976	0.975	0.977	0.974	0.976	0.974
Boggeragh 2 Windfarm	BG2		BOGGERAGH	110	0.972	0.969	0.969	0.967	0.969	0.966	0.965	0.962	0.968	0.964	0.969	0.965	0.967	0.963	0.97	0.966	0.97	0.968	0.971	0.969	0.971	0.967	0.971	0.968
Boggeragh Windfarm Generator Unit	BG1		BOGGERAGH	110	0.972	0.969	0.969	0.967	0.969	0.966	0.965	0.962	0.968	0.964	0.969	0.965	0.967	0.963	0.97	0.966	0.97	0.968	0.971	0.969	0.971	0.967	0.971	0.968
Carraigcannon Windfarm (Gen Unit)	CD1		BOGGERAGH	110	0.972	0.969	0.969	0.967	0.969	0.966	0.965	0.962	0.968	0.964	0.969	0.965	0.967	0.963	0.97	0.966	0.97	0.968	0.971	0.969	0.971	0.967	0.971	0.968
Pallas Generator Unit	CJ1		CLAHANE	110	0.979	0.976	0.979	0.975	0.978	0.972	0.976	0.971	0.978	0.972	0.979	0.973	0.979	0.975	0.98	0.976	0.978	0.976	0.978	0.976	0.979	0.975	0.979	0.976
Raheen Barr Gen Unit	MXE		CASTLEBAR	110	1.002	0.994	1.006	0.995	1.004	0.994	1.007	0.996	1.008	0.997	1.005	0.996	1	0.989	0.999	0.986	0.988	0.976	0.99	0.976	0.989	0.976	0.99	0.976
Carrigadrohid Generator Unit	LE3		CARRIGADROHI	110	0.975	0.973	0.971	0.97	0.973	0.969	0.967	0.966	0.971	0.968	0.972	0.968	0.969	0.965	0.972	0.969	0.973	0.97	0.974	0.97	0.974	0.969	0.974	0.971
Acres Windfarm	AS1		CATH_FALL	110	0.986	0.983	0.986	0.983	0.984	0.981	0.986	0.983	0.986	0.986	0.986	0.984	0.987	0.983	0.989	0.983	0.985	0.977	0.987	0.979	0.985	0.981	0.983	0.977
Erne 3 Generator Unit	ER3		CATH_FALL	110	0.986	0.983	0.986	0.983	0.984	0.981	0.986	0.983	0.986	0.986	0.986	0.984	0.987	0.983	0.989	0.983	0.985	0.977	0.987	0.979	0.985	0.981	0.983	0.977
Erne 4 Generator Unit	ER4		CATH_FALL	110	0.986	0.983	0.986	0.983	0.984	0.981	0.986	0.983	0.986	0.986	0.986	0.984	0.987	0.983	0.989	0.983	0.985	0.977	0.987	0.979	0.985	0.981	0.983	0.977
Erne 1 Generator Unit	ER1		CLIFF	110	0.985	0.983	0.985	0.983	0.984	0.981	0.985	0.982	0.985	0.986	0.985	0.984	0.987	0.9										

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Monaincha Windfarm	MH1		IKERRIN	110	0.982	0.976	0.981	0.975	0.981	0.975	0.981	0.973	0.982	0.973	0.981	0.974	0.983	0.974	0.983	0.974	0.989	0.982	0.99	0.983	0.986	0.977	0.984	0.977
Dublin Bay Generator Unit	DB1		IRISHTOWN	220	0.999	1	1	1	1	1.001	1.001	1.001	1	1	1.002	1.002	1.001	1.001	1	1.001	1.001	1.001	0.998	0.999	0.999	1	1	1.002
Arthurstown 1(ESB) Generator Unit	AR2		KILTEEL	110	1	0.999	1.002	1.001	1.003	1.002	1.005	1.001	1.004	1	1.004	1.002	1.003	0.999	1	0.998	1.006	1.004	1	0.998	1	0.997	1.001	1
Knocknagoum Windfarm Limited	KM1		REAMORE	110	0.977	0.975	0.976	0.973	0.975	0.972	0.974	0.97	0.975	0.971	0.976	0.972	0.977	0.974	0.978	0.975	0.976	0.973	0.978	0.974	0.978	0.973	0.977	0.974
Lanesboro	LR4		LANESBORO	110	0.978	0.973	0.98	0.975	0.98	0.975	0.981	0.975	0.981	0.975	0.98	0.975	0.994	0.988	0.979	0.972	0.981	0.974	0.981	0.974	0.98	0.972	0.978	0.973
Aghada 2 Generator Unit	AD2		BONGPOINT	220	0.975	0.973	0.971	0.971	0.974	0.971	0.966	0.966	0.971	0.968	0.973	0.969	0.967	0.964	0.971	0.968	0.974	0.971	0.974	0.971	0.974	0.969	0.974	0.971
Cark Windfarm	CAR		LETTERKENNY	110	0.985	0.978	0.987	0.978	0.985	0.976	0.986	0.979	0.986	0.982	0.984	0.978	0.985	0.977	0.986	0.977	0.983	0.971	0.985	0.974	0.984	0.975	0.981	0.97
Cuillagh Generator Unit	CUH		LETTERKENNY	110	0.985	0.978	0.987	0.978	0.985	0.976	0.986	0.979	0.986	0.982	0.984	0.978	0.985	0.977	0.986	0.977	0.983	0.971	0.985	0.974	0.984	0.975	0.981	0.97
Bruckana Windfarm Limited	BU1		LISHEEN	110	0.976	0.971	0.975	0.969	0.975	0.968	0.975	0.967	0.975	0.967	0.975	0.968	0.978	0.969	0.978	0.969	0.983	0.976	0.985	0.976	0.981	0.972	0.98	0.972
Lisheen Windfarm 2 Ltd	LS2		LISHEEN	110	0.976	0.971	0.975	0.969	0.975	0.968	0.975	0.967	0.975	0.967	0.975	0.968	0.978	0.969	0.978	0.969	0.983	0.976	0.985	0.976	0.981	0.972	0.98	0.972
Lisheen Windfarm Phase 1	LS1		LISHEEN	110	0.976	0.971	0.975	0.969	0.975	0.968	0.975	0.967	0.975	0.967	0.975	0.968	0.978	0.969	0.978	0.969	0.983	0.976	0.985	0.976	0.981	0.972	0.98	0.972
Ballycadden Windfarm	BY1		LODGEWOOD	110	0.992	0.99	0.989	0.989	0.991	0.991	0.992	0.989	0.989	0.988	0.99	0.989	0.988	0.985	0.989	0.988	0.997	0.994	0.995	0.993	0.996	0.992	0.997	0.995
Ballycadden Windfarm Phase 2	BY2		LODGEWOOD	110	0.992	0.99	0.989	0.989	0.991	0.991	0.992	0.989	0.989	0.988	0.99	0.989	0.988	0.985	0.989	0.988	0.997	0.994	0.995	0.993	0.996	0.992	0.997	0.995
Castledockrell Windfarm (Gen Unit)	CK1		LODGEWOOD	110	0.992	0.99	0.989	0.989	0.991	0.991	0.992	0.989	0.989	0.988	0.99	0.989	0.988	0.985	0.989	0.988	0.997	0.994	0.995	0.993	0.996	0.992	0.997	0.995
Gibbet Hill Windfarm	GT1		LODGEWOOD	110	0.992	0.99	0.989	0.989	0.991	0.991	0.992	0.989	0.989	0.988	0.99	0.989	0.988	0.985	0.989	0.988	0.997	0.994	0.995	0.993	0.996	0.992	0.997	0.995
Gartnaneane Generator Unit	GA2		MEATH HILL	110	1.004	1.002	1.005	1.002	1.004	1.003	1.005	1.005	1.005	1.005	1.004	1.003	1.005	1.003	1.005	1.002	1.002	1	1.003	1	1.003	1.001	1.003	1
Bawnmore Windfarm	BN1		MACROOM	110	0.975	0.972	0.971	0.97	0.972	0.969	0.967	0.965	0.971	0.967	0.972	0.968	0.969	0.965	0.972	0.968	0.973	0.97	0.974	0.97	0.974	0.969	0.974	0.97
Moneypoint 1 Generator Unit	MP1		MNYPG1	380	0.98	0.984	0.979	0.982	0.98	0.983	0.979	0.981	0.979	0.98	0.981	0.982	0.984	0.983	0.984	0.984	0.982	0.983	0.984	0.984	0.984	0.983	0.983	0.983
Moneypoint 3 Generator Unit	MP3		MNYPG3	380	0.98	0.984	0.979	0.982	0.98	0.983	0.979	0.981	0.979	0.98	0.981	0.982	0.984	0.983	0.984	0.984	0.982	0.983	0.984	0.984	0.984	0.983	0.983	0.983
Moneypoint 2 Generator Unit	MP2		MNYPG2	380	0.98	0.984	0.979	0.982	0.98	0.983	0.979	0.981	0.979	0.98	0.981	0.982	0.984	0.983	0.984	0.984	0.982	0.983	0.984	0.984	0.984	0.983	0.983	0.983
Marina Generator Unit	MRT		MARINA	110	0.979	0.976	0.976	0.974	0.978	0.974	0.971	0.97	0.976	0.972	0.977	0.973	0.971	0.968	0.976	0.972	0.978	0.974	0.978	0.974	0.978	0.972	0.979	0.975
Mulreavy Windfarm	MB1		MULLINGAR	110	1.002	0.999	1.004	1.001	1.004	1.002	1.005	1.002	1.004	1.002	1.005	1.003	1.007	1.001	1.001	0.996	1.005	1.001	1.002	0.996	1.001	0.996	1.001	0.998
Tawnaghmore Peaking 1 Generator Unit	TP1		MOY	110	0.999	0.99	1.002	0.991	1	0.991	1.004	0.993	1.004	0.994	1.002	0.992	0.991	0.98	0.991	0.977	0.977	0.965	0.979	0.965	0.978	0.966	0.979	0.965
Tawnaghmore Peaking 3 Generator Unit	TP3		MOY	110	0.999	0.99	1.002	0.991	1	0.991	1.004	0.993	1.004	0.994	1.002	0.992	0.991	0.98	0.991	0.977	0.977	0.965	0.979	0.965	0.978	0.966	0.979	0.965
Meentycat Generator Unit	MCT		MEENTYCAT	110	0.982	0.975	0.984	0.975	0.981	0.973	0.983	0.976	0.983	0.978	0.981	0.974	0.981	0.972	0.984	0.972	0.979	0.967	0.982	0.969	0.981	0.97	0.978	0.966
Meenadreen South 2 Windfarm	MD1		MULREAVY	110	0.981	0.977	0.982	0.977	0.98	0.975	0.981	0.976	0.981	0.98	0.98	0.976	0.981	0.975	0.983	0.975	0.98	0.969	0.982	0.972	0.98	0.973	0.978	0.969
North Wall5 Generator Unit	NW5		NORTH WALL	220	1	1.001	1	1.001	1.001	1.002	1.002	1.001	1.001	1.001	1.003	1.003	1.002	1.002	1	1.001	1.001	1.002	0.999	1	1	1	1.001	1.002
Carrowleagh Windfarm	XR1		GLENREE	110	0.996	0.988	0.999	0.989	0.997	0.989	1	0.991	1.001	0.992	0.999	0.99	0.991	0.981	0.991	0.979	0.979	0.967	0.981	0.968	0.98	0.969	0.98	0.967
Liffey 1 Generator Unit	LI1		POLLAPHUCA	110	0.992	0.995	0.988	0.995	0.99	0.995	0.992	0.996	0.99	0.995	0.994	0.995	0.993	0.991	0.993	0.993	0.999	0.998	0.997	0.997	0.997	0.996	0.998	0.998
Liffey 2 Generator Unit	LI2		POLLAPHUCA	110	0.992	0.995	0.988	0.995	0.99	0.995	0.992	0.996	0.99	0.995	0.994	0.995	0.993	0.991	0.993	0.993	0.999	0.998	0.997	0.997	0.997	0.996	0.998	0.998
Liffey 3 Hydro Unit	LI3		POLLAPHUCA	110	0.992	0.995	0.988	0.995	0.99	0.995	0.992	0.996	0.99	0.995	0.994	0.995	0.993	0.991	0.993	0.993	0.999	0.998	0.997	0.997	0.997	0.996	0.998	0.998
Liffey 4 Generator Unit	LI4		POLLAPHUCA	110	0.992	0.995	0.988	0.995	0.99	0.995	0.992	0.996	0.99	0.995	0.994	0.995	0.993	0.991	0.993	0.993	0.999	0.998	0.997	0.997	0.997	0.996	0.998	0.998
Liffey 5 Generator Unit	LI5		POLLAPHUCA	110	0.992	0.995	0.988	0.995	0.99	0.995	0.992	0.996	0.99	0.995	0.994	0.995	0.993	0.991	0.993	0.993	0.999	0.998	0.997	0.997	0.997	0.996	0.998	0.998
Grouselodge Windfarm (Gen Unit)																												

1718 SINGLE ELECTRICITY MARKET PROPOSED TRANSMISSION LOSS ADJUSTMENT FACTORS - MARKET PARTICIPANTS																												
Market Participant - Transmission Connected	Unit ID TSO	GU ID	Transmission Station	kV	Month																							
					October		November		December		January		February		March		April		May		June		July		August		September	
					Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Molly Mountain Windfarm	MM		AGHY1-	110	0.996	0.988	0.999	0.989	0.997	0.989	0.999	0.993	0.999	0.994	0.994	0.989	0.993	0.989	0.995	0.988	0.991	0.983	0.993	0.985	0.993	0.986	0.991	0.984
Slieve Rushen 2	S2		AGHY1-	110	0.996	0.988	0.999	0.989	0.997	0.989	0.999	0.993	0.999	0.994	0.994	0.989	0.993	0.989	0.995	0.988	0.991	0.983	0.993	0.985	0.993	0.986	0.991	0.984
Corby Knowe	CBY		ANTR1A	110	1.002	0.999	1.002	0.998	1	0.998	1	1.001	0.999	1.001	0.997	0.998	1	1.002	1.001	1	0.997	0.996	1	0.998	1	1	0.999	0.996
AES Ballylumford Limited GT1	BGT		BAFD1-	110	0.997	0.996	0.997	0.995	0.996	0.995	0.997	1.001	0.996	1.001	0.995	0.997	0.996	0.998	0.997	0.996	0.993	0.992	0.995	0.994	0.995	0.996	0.997	0.994
AES Ballylumford Limited GT2	BGT		BAFD1-	110	0.997	0.996	0.997	0.995	0.996	0.995	0.997	1.001	0.996	1.001	0.995	0.997	0.996	0.998	0.997	0.996	0.993	0.992	0.995	0.994	0.995	0.996	0.997	0.994
Ballylumford Generator Unit	B10		BAFD1-	110	0.997	0.996	0.997	0.995	0.996	0.995	0.997	1.001	0.996	1.001	0.995	0.997	0.996	0.998	0.997	0.996	0.993	0.992	0.995	0.994	0.995	0.996	0.997	0.994
Ballylumford Generator Unit	B31		BAFD1-	110	0.997	0.996	0.997	0.995	0.996	0.995	0.997	1.001	0.996	1.001	0.995	0.997	0.996	0.998	0.997	0.996	0.993	0.992	0.995	0.994	0.995	0.996	0.997	0.994
Ballylumford Generator Unit	B32		BAFD1-	110	0.997	0.996	0.997	0.995	0.996	0.995	0.997	1.001	0.996	1.001	0.995	0.997	0.996	0.998	0.997	0.996	0.993	0.992	0.995	0.994	0.995	0.996	0.997	0.994
Ballylumford 4 Generator Unit	B4		BAFD2-	275	1.001	0.999	1	0.998	0.999	0.998	0.999	1.002	0.998	1.002	0.997	0.999	0.999	1.001	1	1	0.996	0.996	0.998	0.997	0.998	0.999	0.999	0.996
Ballylumford 5 Generator Unit	B5		BAFD2-	275	1.001	0.999	1	0.998	0.999	0.998	0.999	1.002	0.998	1.002	0.997	0.999	0.999	1.001	1	1	0.996	0.996	0.998	0.997	0.998	0.999	0.999	0.996
Carn Hill Windfarm	CH		CARN1A	110	1.005	1.002	1.006	1.001	1.004	1.001	1.004	1.006	1.004	1.006	1.002	1.003	1.004	1.004	1.004	1.003	1	0.998	1.002	1	1.002	1.002	1.003	0.999
Dunbeg Windfarm	DBG		COLE1-	110	0.993	0.986	0.995	0.987	0.993	0.987	0.995	0.991	0.994	0.992	0.99	0.987	0.993	0.991	0.996	0.992	0.992	0.988	0.997	0.991	0.997	0.992	0.992	0.986
Dunmore Windfarm	DMR		COLE1-	110	0.993	0.986	0.995	0.987	0.993	0.987	0.995	0.991	0.994	0.992	0.99	0.987	0.993	0.991	0.996	0.992	0.992	0.988	0.997	0.991	0.997	0.992	0.992	0.986
Garves Wind Generator Unit	GA		COLE1-	110	0.993	0.986	0.995	0.987	0.993	0.987	0.995	0.991	0.994	0.992	0.99	0.987	0.993	0.991	0.996	0.992	0.992	0.988	0.997	0.991	0.997	0.992	0.992	0.986
Gruig Generator Unit	GR		COLE1-	110	0.993	0.986	0.995	0.987	0.993	0.987	0.995	0.991	0.994	0.992	0.99	0.987	0.993	0.991	0.996	0.992	0.992	0.988	0.997	0.991	0.997	0.992	0.992	0.986
Coolkeeragh ESB Ltd GT8	CGT		COOL1-	110	0.99	0.987	0.989	0.986	0.989	0.986	0.99	0.99	0.988	0.991	0.987	0.987	0.991	0.991	0.993	0.992	0.993	0.989	0.998	0.993	0.998	0.995	0.99	0.986
Lisahally Power Station	LS		COOL1-	110	0.99	0.987	0.989	0.986	0.989	0.986	0.99	0.99	0.988	0.991	0.987	0.987	0.991	0.991	0.993	0.992	0.993	0.989	0.998	0.993	0.998	0.995	0.99	0.986
Monnaboy Windfarm	MBY		COOL1-	110	0.99	0.987	0.989	0.986	0.989	0.986	0.99	0.99	0.988	0.991	0.987	0.987	0.991	0.991	0.993	0.992	0.993	0.989	0.998	0.993	0.998	0.995	0.99	0.986
Coolkeeragh ESB CCGT Generator Unit	C30		COOLKEER	275	0.993	0.99	0.992	0.989	0.991	0.989	0.992	0.993	0.991	0.993	0.989	0.99	0.993	0.994	0.996	0.994	0.994	0.991	0.999	0.995	0.999	0.997	0.992	0.989
Crockagarran Generator Unit	CR		DUNG1-	110	1.002	0.998	1.003	0.998	1.001	0.998	1.001	1.001	1.001	1.002	0.999	0.999	1.001	1.001	1.002	0.999	0.998	0.995	1.001	0.997	1.001	0.999	1	0.995
Callagheen Generator Unit	CA		ENNISKIL	110	0.998	0.991	1.001	0.992	0.998	0.992	1	0.995	1	0.996	0.997	0.992	0.995	0.992	0.997	0.991	0.993	0.986	0.995	0.988	0.995	0.989	0.993	0.986
Ora More Windfarm	ORA		ENNISKIL	110	0.998	0.991	1.001	0.992	0.998	0.992	1	0.995	1	0.996	0.997	0.992	0.995	0.992	0.997	0.991	0.993	0.986	0.995	0.988	0.995	0.989	0.993	0.986
Altamushkin Windfarm	AKN		GORT	110	0.995	0.991	0.996	0.991	0.995	0.991	0.995	0.994	0.995	0.994	0.992	0.991	0.994	0.992	0.995	0.991	0.991	0.987	0.994	0.989	0.994	0.991	0.992	0.987
Slieve Divena Windfarm	SV2		GORT	110	0.995	0.991	0.996	0.991	0.995	0.991	0.995	0.994	0.995	0.994	0.992	0.991	0.994	0.992	0.995	0.991	0.991	0.987	0.994	0.989	0.994	0.991	0.992	0.987
Carrickatane Windfarm	CA		KILL1-CL	110	0.989	0.985	0.988	0.985	0.988	0.984	0.988	0.988	0.987	0.989	0.985	0.985	0.989	0.988	0.991	0.989	0.99	0.986	0.994	0.989	0.994	0.991	0.988	0.983
Hunters Hill Windfarm Ltd - English Site	EG		KILL1-CL	110	0.989	0.985	0.988	0.985	0.988	0.984	0.988	0.988	0.987	0.989	0.985	0.985	0.989	0.988	0.991	0.989	0.99	0.986	0.994	0.989	0.994	0.991	0.988	0.983
Slieve Kirk Windfarm	SK		KILL1-CL	110	0.989	0.985	0.988	0.985	0.988	0.984	0.988	0.988	0.987	0.989	0.985	0.985	0.989	0.988	0.991	0.989	0.99	0.986	0.994	0.989	0.994	0.991	0.988	0.983
AES GT3 Gen Unit	KGT		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
AES GT4 Gen Unit	KGT		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
AES Kilroot - K1	K1		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
AES Kilroot - K2	K2		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
AES Kilroot Power Ltd GT1	KGT		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
AES Kilroot Power Ltd GT2	KGT		KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995
Altahullion 1 Generation Unit	A1		LIMA1-	110	0.992	0.986	0.993	0.987	0.992	0.987	0.994	0.991	0.992	0.991	0.989	0.987	0.992	0.991	0.995	0.992	0.992	0.988	0.997	0.992	0.997	0.993	0.991	0.986
Altahullion 2 Generation Unit	A2		LIMA1-	110	0.992	0.986	0.993	0.987	0.992	0.987	0.994	0.991	0.992	0.991	0.989	0.987	0.992	0.991	0.995	0.992	0.99							

1718 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - PROPOSED TRANSMISSION NODE TLAFS																									
		Month																							
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Station Name	kV	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
ARDNACRUSHA	110	0.98	0.98	0.977	0.977	0.978	0.976	0.977	0.973	0.978	0.975	0.98	0.978	0.98	0.977	0.982	0.979	0.982	0.98	0.984	0.98	0.982	0.979	0.982	0.979
AGHADA	220	0.975	0.973	0.971	0.971	0.974	0.971	0.966	0.966	0.971	0.968	0.973	0.969	0.967	0.964	0.971	0.968	0.974	0.971	0.974	0.971	0.974	0.969	0.974	0.971
ARIGNA	110	0.99	0.987	0.991	0.989	0.99	0.988	0.991	0.99	0.991	0.989	0.991	0.989	0.993	0.989	0.992	0.987	0.988	0.983	0.989	0.984	0.989	0.984	0.987	0.982
AGANNYGAL	110	0.978	0.975	0.977	0.973	0.977	0.974	0.977	0.972	0.977	0.972	0.978	0.974	0.98	0.975	0.979	0.974	0.981	0.978	0.983	0.979	0.98	0.974	0.978	0.974
ARKLOW	110	0.996	0.996	0.995	0.995	0.996	0.997	0.997	0.995	0.996	0.994	0.997	0.996	0.995	0.993	0.995	0.994	0.999	0.998	0.997	0.996	0.998	0.996	0.999	0.998
ARKLOW	220	0.995	0.995	0.994	0.994	0.996	0.996	0.996	0.995	0.995	0.994	0.996	0.995	0.994	0.992	0.994	0.994	0.999	0.998	0.997	0.996	0.998	0.996	0.999	0.998
ATHEA	110	0.975	0.975	0.972	0.973	0.973	0.972	0.971	0.97	0.972	0.97	0.974	0.972	0.977	0.975	0.978	0.976	0.976	0.976	0.978	0.977	0.978	0.976	0.977	0.976
ATHLONE	110	0.983	0.977	0.984	0.977	0.984	0.978	0.984	0.976	0.984	0.977	0.985	0.977	0.987	0.979	0.984	0.975	0.991	0.985	0.993	0.986	0.987	0.979	0.984	0.978
AUGHINISH	110	0.967	0.966	0.966	0.964	0.967	0.964	0.965	0.962	0.966	0.962	0.968	0.965	0.97	0.967	0.972	0.968	0.97	0.968	0.973	0.97	0.971	0.967	0.972	0.97
ARVA	110	1.001	0.997	1.003	0.998	1.002	0.998	1.003	1	1.003	1.001	1.002	0.999	1.002	0.998	1.002	0.997	0.999	0.993	1	0.994	0.999	0.995	0.999	0.993
BALLYVOUSKIL	110	0.973	0.971	0.97	0.968	0.97	0.967	0.966	0.964	0.969	0.965	0.97	0.966	0.969	0.965	0.971	0.968	0.971	0.969	0.973	0.969	0.973	0.968	0.972	0.969
BALLYVOUSKIL	220	0.973	0.971	0.97	0.969	0.971	0.968	0.967	0.964	0.969	0.966	0.971	0.967	0.969	0.966	0.972	0.968	0.972	0.969	0.974	0.97	0.973	0.969	0.973	0.97
ATHY	110	0.994	0.991	0.994	0.991	0.995	0.993	0.996	0.991	0.994	0.99	0.995	0.991	0.993	0.987	0.993	0.987	1.002	0.997	0.997	0.992	0.996	0.99	0.996	0.992
BALLYWATER	110	0.992	0.99	0.99	0.989	0.992	0.991	0.992	0.989	0.99	0.988	0.991	0.989	0.988	0.985	0.989	0.987	0.997	0.993	0.995	0.992	0.996	0.992	0.997	0.994
BOOLTIAGH	110	0.977	0.977	0.975	0.975	0.976	0.975	0.975	0.973	0.975	0.974	0.977	0.975	0.98	0.978	0.98	0.979	0.977	0.977	0.979	0.978	0.979	0.977	0.978	0.977
BALTRASNA	110	1.004	1.005	1.005	1.005	1.005	1.006	1.006	1.007	1.006	1.006	1.006	1.007	1.006	1.006	1.005	1.006	1.004	1.005	1.003	1.004	1.003	1.004	1.005	1.005
BALLYLUCKEY	110	0.977	0.974	0.973	0.969	0.973	0.968	0.969	0.965	0.973	0.967	0.973	0.968	0.969	0.961	0.972	0.964	0.973	0.965	0.973	0.965	0.974	0.964	0.974	0.966
BALLYBEG	110	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.998	0.998	0.997	0.999	0.999	0.998	0.997	0.998	0.997	1	1	0.999	0.998	0.999	0.998	1	1
CORDAL	110	0.972	0.97	0.969	0.968	0.969	0.967	0.966	0.964	0.968	0.965	0.97	0.966	0.969	0.966	0.971	0.968	0.971	0.969	0.973	0.969	0.973	0.968	0.972	0.969
BLAKE	110	0.997	0.994	0.998	0.996	0.999	0.998	1	0.996	0.999	0.995	1	0.997	0.998	0.993	0.996	0.992	1.004	1.002	0.996	0.993	0.995	0.991	0.996	0.994
BINBANE	110	0.983	0.977	0.985	0.978	0.982	0.976	0.984	0.977	0.984	0.981	0.982	0.977	0.983	0.975	0.984	0.974	0.981	0.969	0.982	0.971	0.981	0.972	0.979	0.968
BARODA	110	0.996	0.993	0.998	0.995	0.999	0.997	1	0.995	0.999	0.994	0.999	0.996	0.998	0.992	0.996	0.991	1.005	1.002	0.996	0.992	0.995	0.991	0.996	0.994
BALLYDINE	110	0.988	0.984	0.985	0.982	0.986	0.983	0.985	0.98	0.985	0.981	0.985	0.981	0.983	0.977	0.986	0.98	0.992	0.986	0.993	0.986	0.991	0.984	0.991	0.985
BELLACORICK	110	1	0.991	1.003	0.991	1.001	0.991	1.005	0.993	1.005	0.995	1.003	0.993	0.99	0.978	0.989	0.975	0.975	0.961	0.976	0.962	0.975	0.962	0.977	0.962
BANDON	110	0.984	0.98	0.981	0.978	0.982	0.977	0.977	0.973	0.982	0.976	0.982	0.976	0.976	0.969	0.98	0.973	0.98	0.975	0.982	0.974	0.981	0.973	0.983	0.975
BARRYMORE	110	0.98	0.976	0.977	0.974	0.978	0.974	0.973	0.97	0.977	0.972	0.978	0.973	0.974	0.969	0.977	0.972	0.98	0.975	0.981	0.975	0.98	0.974	0.981	0.975
BUTLERSTOWN	110	0.988	0.986	0.984	0.983	0.987	0.985	0.985	0.982	0.983	0.981	0.984	0.982	0.98	0.977	0.983	0.981	0.994	0.99	0.993	0.989	0.993	0.988	0.994	0.991
BRINNY	110	0.984	0.981	0.981	0.978	0.982	0.977	0.977	0.973	0.982	0.976	0.982	0.976	0.976	0.969	0.98	0.973	0.98	0.975	0.982	0.975	0.981	0.973	0.983	0.975
CLOGHBOOLA	110	0.973	0.973	0.971	0.971	0.972	0.97	0.969	0.968	0.971	0.968	0.972	0.97	0.976	0.974	0.977	0.9								

1718 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - PROPOSED TRANSMISSION NODE TLAFS

		Month																							
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
Station Name	kV	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
REAMORE	110	0.977	0.975	0.976	0.973	0.975	0.972	0.974	0.97	0.975	0.971	0.976	0.972	0.977	0.974	0.978	0.975	0.976	0.973	0.978	0.974	0.978	0.973	0.977	0.974
KILKENNY	110	1.004	1.001	1.002	1.001	1.004	1.002	1.005	1.001	1.002	1	1.003	1	0.997	0.99	0.999	0.993	1.009	1	1.008	0.999	1.008	0.999	1.009	1.001
KILLONAN	110	0.981	0.98	0.978	0.977	0.979	0.977	0.977	0.974	0.979	0.976	0.981	0.978	0.98	0.976	0.981	0.978	0.982	0.979	0.983	0.98	0.982	0.978	0.982	0.979
KILLONAN	220	0.98	0.979	0.978	0.977	0.979	0.976	0.977	0.974	0.978	0.975	0.98	0.977	0.98	0.976	0.981	0.977	0.982	0.979	0.983	0.98	0.982	0.978	0.981	0.978
KNOCKUMBER	110	1.006	1.005	1.007	1.006	1.007	1.006	1.008	1.008	1.007	1.008	1.007	1.007	1.007	1.006	1.007	1.005	1.005	1.003	1.005	1.004	1.005	1.004	1.006	1.004
BALLYNAHULLA	110	0.973	0.971	0.969	0.969	0.97	0.967	0.966	0.964	0.969	0.966	0.97	0.967	0.97	0.967	0.972	0.969	0.972	0.97	0.974	0.97	0.973	0.969	0.973	0.97
BALLYNAHULLA	220	0.973	0.971	0.97	0.969	0.971	0.968	0.967	0.965	0.969	0.966	0.971	0.967	0.971	0.967	0.973	0.969	0.972	0.97	0.974	0.97	0.974	0.969	0.973	0.97
KELLIS	110	0.995	0.995	0.992	0.994	0.994	0.995	0.995	0.994	0.993	0.993	0.994	0.993	0.992	0.989	0.993	0.992	1	0.997	0.998	0.996	0.998	0.996	0.999	0.998
KELLIS	220	0.993	0.993	0.991	0.992	0.993	0.994	0.993	0.992	0.991	0.991	0.992	0.992	0.99	0.988	0.991	0.99	0.998	0.996	0.996	0.995	0.996	0.994	0.997	0.996
KINNEGAD	110	1	0.998	1.001	1	1.001	1.001	1.002	1	1.001	0.999	1.002	1.001	1.003	1	0.999	0.997	1.004	1.002	0.999	0.997	0.999	0.996	1	0.998
KILLOTERAN	110	0.988	0.986	0.984	0.984	0.987	0.985	0.985	0.982	0.983	0.981	0.984	0.982	0.98	0.977	0.984	0.982	0.994	0.991	0.994	0.99	0.994	0.989	0.994	0.991
KILPADDOGE	110	0.976	0.977	0.974	0.975	0.975	0.975	0.973	0.973	0.974	0.973	0.976	0.974	0.98	0.979	0.981	0.979	0.978	0.978	0.98	0.98	0.98	0.978	0.979	0.979
KILPADDOGE	220	0.977	0.978	0.975	0.976	0.976	0.976	0.975	0.974	0.976	0.974	0.977	0.976	0.982	0.98	0.982	0.981	0.979	0.98	0.981	0.981	0.982	0.98	0.981	0.98
LANESBORO	110	0.978	0.973	0.98	0.975	0.98	0.975	0.981	0.975	0.981	0.975	0.98	0.975	0.994	0.988	0.979	0.972	0.981	0.974	0.981	0.974	0.98	0.972	0.978	0.973
LOUTHA	110	1.003	1.001	1.003	1.001	1.003	1.002	1.003	1.004	1.002	1.003	1.002	1.002	1.003	1.003	1.003	1.003	1.001	1	1.002	1.001	1.002	1.002	1.002	1
LOUTH	220	1.001	1	1.002	0.999	1.001	1	1.001	1.002	1.001	1.002	1	1	1.002	1.002	1.002	1.001	0.999	0.998	1	0.999	1	1	1	0.998
LIMERICK	110	0.98	0.979	0.978	0.977	0.979	0.976	0.977	0.974	0.978	0.975	0.98	0.977	0.98	0.977	0.982	0.979	0.982	0.979	0.983	0.98	0.982	0.978	0.982	0.979
LISDRUM	110	1.004	0.998	1.006	0.999	1.004	0.998	1.006	1.001	1.005	1.004	1.004	1	1.003	0.999	1.005	0.998	1	0.994	1.001	0.995	1.001	0.996	1.001	0.995
LETTERKENNY	110	0.985	0.978	0.987	0.978	0.985	0.976	0.986	0.979	0.986	0.982	0.984	0.978	0.985	0.977	0.986	0.977	0.983	0.971	0.985	0.974	0.984	0.975	0.981	0.97
LISHEEN	110	0.976	0.971	0.975	0.969	0.975	0.968	0.975	0.967	0.975	0.967	0.975	0.968	0.978	0.969	0.978	0.969	0.983	0.976	0.985	0.976	0.981	0.972	0.98	0.972
CUREENY T	110													0.979	0.975	0.981	0.976	0.981	0.977	0.982	0.978	0.981	0.976	0.981	0.977
LODGEWOOD	110	0.992	0.99	0.989	0.989	0.991	0.991	0.992	0.989	0.989	0.988	0.99	0.989	0.988	0.985	0.989	0.988	0.997	0.994	0.995	0.993	0.996	0.992	0.997	0.995
LODGEWOOD	220	0.992	0.991	0.989	0.989	0.992	0.991	0.991	0.989	0.989	0.988	0.99	0.989	0.988	0.986	0.989	0.988	0.997	0.995	0.996	0.993	0.996	0.993	0.997	0.995
MACETOWN	110	1.003	1.005	1.004	1.005	1.004	1.006	1.005	1.006	1.005	1.005	1.006	1.007	1.006	1.006	1.003	1.006	1.004	1.006	1.001	1.004	1.002	1.004	1.004	1.006
MIDLETON	110	0.979	0.976	0.976	0.974	0.978	0.974	0.971	0.97	0.976	0.972	0.977	0.973	0.971	0.968	0.976	0.972	0.978	0.975	0.978	0.975	0.979	0.974	0.979	0.976
MEATH HILL	110	1.004	1.002	1.005	1.002	1.004	1.003	1.005	1.005	1.005	1.005	1.004	1.003	1.005	1.003	1.005	1.002	1.002	1	1.003	1	1.003	1.001	1.003	1
MAYNOOTH A	220	0.998	0.999	0.998	0.999	0.998	1	0.999	1	0.999	0.999	1	1	1	1	0.998	0.999	0.999	1.001	0.998	0.999	0.998	0.999	0.999	1
MACROOM	110	0.975	0.972	0.971	0.97	0.972	0.969	0.967	0.965	0.971	0.967	0.972	0.968	0.969	0.965	0.972	0.968	0.973	0.97	0.974	0.97	0.974	0.969	0.974	0.97
BARNADIVINE	110	0.974	0.972	0.971	0.969	0.971	0.968	0.967	0.965	0.971	0.967	0.971	0.968	0.969	0.964	0.972	0.967	0.972	0.969	0.973	0.969	0.973	0.968	0.974	0.969
MONETEEN	110	0.978	0.977	0																					

1718 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - PROPOSED TRANSMISSION NODE TLAFS																										
		Month																								
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		
Station Name	kV	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	
CAST1A	110	1.007	1.003	1.008	1.003	1.006	1.003	1.006	1.006	1.005	1.006	1.003	1.004	1.006	1.006	1.007	1.005	1.003	1	1.004	1.002	1.004	1.004	1.004	1.004	1
CAST2-	275	1.003	1.001	1.004	1	1.003	1	1.002	1.004	1.001	1.003	1	1.001	1.002	1.003	1.003	1.002	1	0.998	1.001	0.999	1.001	1.001	1.001	0.998	
CENT1A	110	1.008	1.004	1.008	1.004	1.007	1.003	1.006	1.007	1.006	1.007	1.004	1.004	1.006	1.007	1.007	1.005	1.003	1.001	1.005	1.002	1.005	1.004	1.005	1.001	
COLE1-	110	0.993	0.986	0.995	0.987	0.993	0.987	0.995	0.991	0.994	0.992	0.99	0.987	0.993	0.991	0.996	0.992	0.992	0.988	0.997	0.991	0.997	0.992	0.992	0.986	
COOL1-	110	0.99	0.987	0.989	0.986	0.989	0.986	0.99	0.99	0.988	0.991	0.987	0.987	0.991	0.991	0.993	0.992	0.993	0.989	0.998	0.993	0.998	0.995	0.99	0.986	
COOLKEER	275	0.993	0.99	0.992	0.989	0.991	0.989	0.992	0.993	0.991	0.993	0.989	0.99	0.993	0.994	0.996	0.994	0.994	0.991	0.999	0.995	0.999	0.997	0.992	0.989	
CREAGH	110	1.003	0.999	1.004	0.999	1.002	0.999	1.002	1.002	1.001	1.002	0.999	1	1.002	1.002	1.003	1.001	0.999	0.996	1.001	0.998	1.002	1	1.001	0.996	
CREG1A	110	1.007	1.004	1.008	1.003	1.007	1.003	1.006	1.007	1.005	1.007	1.004	1.004	1.006	1.007	1.007	1.005	1.003	1.001	1.005	1.002	1.005	1.004	1.005	1.001	
DONE1D	110	1.004	1.001	1.005	1.001	1.004	1.001	1.003	1.005	1.002	1.005	1.001	1.002	1.003	1.004	1.004	1.003	1	0.998	1.002	1	1.002	1.002	1.002	0.998	
OMAS-	110													0.993	0.99	0.994	0.989	0.991	0.984	0.993	0.987	0.993	0.988	0.991	0.985	
DRUM1-	110	1.004	1	1.004	1	1.003	1	1.003	1.004	1.003	1.003	1.001	1.001	1.004	1.003	1.004	1.002	1.001	0.998	1.002	1	1.003	1.001	1.002	0.998	
CURRAGHA	110													0.991	0.988	0.993	0.988	0.989	0.983	0.992	0.985	0.991	0.987	0.989	0.983	
DUNG1-	110	1.002	0.998	1.003	0.998	1.001	0.998	1.001	1.001	1.001	1.002	0.999	0.999	1.001	1.001	1.002	0.999	0.998	0.995	1.001	0.997	1.001	0.999	1	0.995	
EDEN1A	110	1.002	1	1.003	0.999	1.001	0.999	1.002	1.005	1.001	1.004	1	1.001	1.001	1.002	1.002	1	0.998	0.996	1	0.998	0.999	0.999	1.001	0.997	
ENNISKIL	110	0.998	0.991	1.001	0.992	0.998	0.992	1	0.995	1	0.996	0.997	0.992	0.995	0.992	0.997	0.991	0.993	0.986	0.995	0.988	0.995	0.989	0.993	0.986	
FINY1A	110	1.004	1.001	1.004	1.001	1.003	1	1.002	1.004	1.002	1.004	1	1.001	1.003	1.004	1.003	1.002	1	0.998	1.001	0.999	1.001	1.001	1.002	0.998	
GLEN1A	110	1.003	0.999	1.003	0.999	1.002	0.999	1.001	1.002	1	1.002	0.999	0.999	1.002	1.002	1.003	1.001	0.999	0.996	1.001	0.998	1.001	1	1	0.996	
GORT	110	0.995	0.991	0.996	0.991	0.995	0.991	0.995	0.994	0.995	0.994	0.992	0.991	0.994	0.992	0.995	0.991	0.991	0.987	0.994	0.989	0.994	0.991	0.992	0.987	
HANA1A	110	1.004	1.001	1.004	1	1.003	1	1.002	1.004	1.001	1.004	1	1.001	1.002	1.004	1.003	1.002	0.999	0.998	1.001	0.999	1.001	1.001	1.001	0.998	
HANA2A	275	1.003	1	1.003	1	1.002	1	1.002	1.004	1.001	1.003	0.999	1.001	1.002	1.003	1.003	1.001	0.999	0.997	1.001	0.999	1.001	1.001	1.001	0.997	
KELS1-	110	1	0.998	1	0.997	0.999	0.997	0.998	1.001	0.997	1	0.996	0.998	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995	
KELS2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1.001	0.997	1	0.996	0.998	1	1.001	1	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995	
KILL1-CL	110	0.989	0.985	0.988	0.985	0.988	0.984	0.988	0.988	0.987	0.989	0.985	0.985	0.989	0.988	0.991	0.989	0.99	0.986	0.994	0.989	0.994	0.991	0.988	0.983	
KILR2-	275	1	0.998	1	0.997	0.999	0.997	0.998	1	0.997	1	0.995	0.997	1	1.001	1.001	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.995	
KNCK1A	110	1.008	1.004	1.009	1.004	1.007	1.004	1.007	1.007	1.006	1.007	1.004	1.004	1.007	1.007	1.008	1.005	1.003	1.001	1.005	1.002	1.005	1.004	1.005	1.001	
LARN1A	110	1.001	0.998	1.001	0.998	1	0.997	1	1.002	0.999	1.002	0.998	0.999	0.999	1.001	1	0.999	0.996	0.995	0.998	0.996	0.998	0.998	0.999	0.996	
LIMA1-	110	0.992	0.986	0.993	0.987	0.992	0.987	0.994	0.991	0.992	0.991	0.989	0.987	0.992	0.991	0.995	0.992	0.992	0.988	0.997	0.992	0.997	0.993	0.991	0.986	
LISB1A	110	1.005	1.002	1.006	1.001	1.004	1.001	1.004	1.005	1.003	1.005	1.002	1.002	1.004	1.005	1.004	1.003	1	0.999	1.002	1	1.002	1.002	1.003	0.999	
LSMR1A	110	0.991	0.987	0.991	0.987	0.99	0.987	0.992	0.991	0.991	0.992	0.989	0.988	0.992	0.992	0.995	0.994	0.994	0.99	0.999	0.994	0.999	0.996	0.991	0.987	
LOGE1A	110	0.994	0.987	0.996	0.988	0.994	0.988	0.996	0.992	0.995	0.992	0.991	0.988	0.994	0.992	0.996	0.993	0.993	0.988	0.998	0.991	0.998	0.993	0.992	0.987	
MAGF2-	275	1	0.997	0.999	0.997	0.999	0.996	0.998	1	0.997	1	0.996	0.997	0.999	1	1	0.999	0.997	0.995	0.999	0.997	0.999	0.999	0.998	0.994	
MAKL1-CL	110	0.987	0.982	0.988	0.982	0.987	0.982	0.987	0.985	0.987	0.986	0.984	0.981	0.985	0.983	0.986	0.982	0.983	0.978	0.986	0.98	0.986	0.982	0.984	0.978	
Auchencrosh	275	0.992	0.99	0.992	0.989	0.99	0.989	0.99	0.993	0.989	0.993	0.988	0.99	0.99	0.992	0.991	0.991	0.9764*	0.9764*	0.9764*	0.9764*	0.9764*	0.9764*	0.9764*	0.9764*	
NARD1B	110	1.009	1.005	1.01	1.005	1.009	1.005	1.009	1.009	1.008	1.008	1.006	1.006	1.008	1.008	1.009	1.007	1.005	1.002	1.007	1.004	1.007	1.005	1.007	1.002	
NEWY1B	110	1.01	1.005	1.011	1.005	1.01	1.005	1.011	1.009	1.01	1.009	1.008	1.006	1.009	1.008	1.01	1.007	1.006	1.003	1.008	1.004	1.008	1.006	1.008	1.002	
OMAH1-	110	0.995	0.989	0.996	0.99	0.994	0.989	0.995	0.993	0.995	0.993	0.992	0.99	0.993	0.99	0.994	0.99	0.991	0.985	0.993	0.988	0.993	0.989	0.991	0.985	
RASHARK1	110	0.992	0.986	0.993	0.986	0.991	0.986	0.992	0.99	0.991	0.99	0.988	0.986	0.99	0.99	0.993	0.99	0.989	0.986	0.993	0.988	0.993	0.99	0.989	0.985	
RATH1B	110	1.012	1.006	1.013	1.007	1.011	1.006	1.011	1.01	1.01	1.01	1.008	1.007	1.01	1.01	1.011	1.008	1.007	1.004	1.009	1.005	1.009	1.007	1.009	1.004	
ROSE1A	110	1.007	1.003	1.008	1.003	1.006	1.003	1.006	1.007	1.005	1.006	1.003	1.004	1.006	1.006	1.007	1.005	1.003	1	1.004	1.002	1.004	1.004	1.005	1	
SKRK1-	110	0.987	0.983	0.985	0.983	0.986	0.983	0.985	0.986	0.984	0.987	0.982	0.983	0.987	0.986	0.988	0.986	0.988	0.984	0.991	0.986	0.991	0.989	0.986	0.981	
SPRN1B	110	0.991	0.987	0.991																						