

1819 SINGLE ELECTRICITY MARKET APPROVED TRANSMISSION LOSS ADJUSTMENT FACTORS - MARKET PARTICIPANTS																										Rev 1	
Market Participant - Transmission Connected	Unit ID TSO	Transmission Station	kV	Month																							
				Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Ardnacrusa 1 Generator Unit	AA1	ARDNACRUSHA	110	0.986	0.981	0.984	0.979	0.985	0.978	0.982	0.974	0.981	0.975	0.984	0.975	0.986	0.979	0.99	0.984	0.991	0.985	0.991	0.983	0.99	0.982	0.99	0.981
Ardnacrusa 2 Generator Unit	AA2	ARDNACRUSHA	110	0.986	0.981	0.984	0.979	0.985	0.978	0.982	0.974	0.981	0.975	0.984	0.975	0.986	0.979	0.99	0.984	0.991	0.985	0.991	0.983	0.99	0.982	0.99	0.981
Ardnacrusa 3 Generator Unit	AA3	ARDNACRUSHA	110	0.986	0.981	0.984	0.979	0.985	0.978	0.982	0.974	0.981	0.975	0.984	0.975	0.986	0.979	0.99	0.984	0.991	0.985	0.991	0.983	0.99	0.982	0.99	0.981
Ardnacrusa 4 Generator Unit	AA4	ARDNACRUSHA	110	0.986	0.981	0.984	0.979	0.985	0.978	0.982	0.974	0.981	0.975	0.984	0.975	0.986	0.979	0.99	0.984	0.991	0.985	0.991	0.983	0.99	0.982	0.99	0.981
Aghada Generator Unit	AD1	AGHADA	220	0.979	0.973	0.976	0.97	0.978	0.971	0.977	0.969	0.974	0.968	0.976	0.968	0.972	0.962	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.98	0.972
AGHADA CT11 Generator Unit	AT1	AGHADA_B	220	0.979	0.973	0.976	0.97	0.978	0.971	0.977	0.969	0.974	0.968	0.976	0.968	0.972	0.962	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.98	0.972
AGHADA CT12 Generator Unit	AT2	AGHADA_B	220	0.979	0.973	0.976	0.97	0.978	0.971	0.977	0.969	0.974	0.968	0.976	0.968	0.972	0.962	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.98	0.972
AGHADA CT14 Generator Unit	AT4	AGH_AT14	220	0.979	0.973	0.976	0.97	0.978	0.971	0.977	0.969	0.974	0.968	0.976	0.968	0.972	0.962	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.98	0.972
ESB Arklow Bank	ARB	ARKLOW	110	1.002	1	0.998	0.997	1	0.998	0.999	0.997	0.998	0.997	1.002	1	1	0.994	0.999	0.995	1.004	0.999	1.004	0.999	1.004	0.999	1.003	0.999
Raheenleagh 1 Windfarm	RL1	ARKLOW	110	1.002	1	0.998	0.997	1	0.998	0.999	0.997	0.998	0.997	1.002	1	1	0.994	0.999	0.995	1.004	0.999	1.004	0.999	1.004	0.999	1.003	0.999
Athea Wind Farm	AH1	ATHEA	110	0.98	0.977	0.979	0.976	0.98	0.976	0.975	0.971	0.974	0.97	0.975	0.971	0.983	0.977	0.985	0.981	0.986	0.981	0.985	0.979	0.985	0.979	0.984	0.978
Sealrock 3 Generator Unit	SK3	AUGHINISH	110	0.973	0.969	0.971	0.968	0.973	0.967	0.969	0.963	0.967	0.962	0.97	0.963	0.975	0.968	0.978	0.974	0.979	0.974	0.983	0.977	0.978	0.971	0.978	0.972
Sealrock 4 Generator Unit	SK4	AUGHINISH	110	0.973	0.969	0.971	0.968	0.973	0.967	0.969	0.963	0.967	0.962	0.97	0.963	0.975	0.968	0.978	0.974	0.979	0.974	0.983	0.977	0.978	0.971	0.978	0.972
Booltiagh 2 Wind Farm	BT2	BOOLTIAGH	110	0.984	0.979	0.983	0.979	0.983	0.978	0.979	0.974	0.978	0.974	0.98	0.974	0.986	0.98	0.989	0.983	0.989	0.983	0.988	0.981	0.988	0.98	0.987	0.98
Booltiagh Windfarm	BT1	BOOLTIAGH	110	0.984	0.979	0.983	0.979	0.983	0.978	0.979	0.974	0.978	0.974	0.98	0.974	0.986	0.98	0.989	0.983	0.989	0.983	0.988	0.981	0.988	0.98	0.987	0.98
Ballybane Windfarm	BA1	BALLYLICKY	110	0.977	0.969	0.976	0.967	0.977	0.968	0.976	0.965	0.974	0.964	0.974	0.964	0.972	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967
Ballybane Wind Farm Phase 2	BA2	BALLYLICKY	110	0.977	0.969	0.976	0.967	0.977	0.968	0.976	0.965	0.974	0.964	0.974	0.964	0.972	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967
Ballybane Generator Unit	BA3	BALLYLICKY	110	0.977	0.969	0.976	0.967	0.977	0.968	0.976	0.965	0.974	0.964	0.974	0.964	0.972	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967
Curraghmore Hydro Plant	CM1	BALLYLICKY	110	0.977	0.969	0.976	0.967	0.977	0.968	0.976	0.965	0.974	0.964	0.974	0.964	0.972	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967
Coollegreen Windfarm	OG1	CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
Cordal 2 Windfarm	DL2	CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
Cordal Windfarm	DL1	CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
Scartaglen WF Gate 2	ST1	CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
Scartaglen WF Gate 3	ST2	CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
Airoshin Generator Unit	MC1	BINBANE	110	0.985	0.976	0.988	0.979	0.985	0.976	0.988	0.98	0.989	0.982	0.987	0.979	0.985	0.977	0.981	0.973	0.977	0.969	0.979	0.968	0.98	0.97	0.981	0.971
Clady Generating Station	CU1	BINBANE	110	0.985	0.976	0.988	0.979	0.985	0.976	0.988	0.98	0.989	0.982	0.987	0.979	0.985	0.977	0.981	0.973	0.977	0.969	0.979	0.968	0.98	0.97	0.981	0.971
Barranafadock Windfarm	BF1	BARRYMORE	110	0.985	0.977	0.981	0.974	0.983	0.975	0.982	0.973	0.98	0.972	0.982	0.973	0.978	0.967	0.982	0.973	0.988	0.98	0.987	0.977	0.987	0.976	0.985	0.975
Cloghoola Wind Farm	CL1	CLOGHBOOLA	110	0.977	0.974	0.976	0.973	0.977	0.973	0.973	0.968	0.971	0.967	0.973	0.967	0.981	0.974	0.983	0.978	0.984	0.978	0.983	0.977	0.983	0.977	0.982	0.975
Cloghaneleskirt Wind Farm	KI1	CLOGHBOOLA	110	0.977	0.974	0.976	0.973	0.977	0.973	0.973	0.968	0.971	0.967	0.973	0.967	0.981	0.974	0.983	0.978	0.984	0.978	0.983	0.977	0.983	0.977	0.982	0.975
Glanaruddery Windfarms 1	DA1	CLOGHBOOLA	110	0.977	0.974	0.976	0.973	0.977	0.973	0.973	0.968	0.971	0.967	0.973	0.967	0.981	0.974	0.983	0.978	0.984	0.978	0.983	0.977	0.983	0.977	0.982	0.975
Glanaruddery Windfarms 2	DA2	CLOGHBOOLA	110	0.977	0.974	0.976	0.973	0.977	0.973	0.973	0.968	0.971	0.967	0.973	0.967	0.981	0.974	0.983	0.978	0.984	0.978	0.983	0.977	0.983	0.977	0.982	0.975
Boggeragh 2 Windfarm	BG2	BOGGERAGH	110	0.975	0.969	0.973	0.967	0.975	0.967	0.972	0.964	0.97	0.963	0.972	0.963	0.971	0.961	0.975	0.967	0.98	0.972	0.978	0.97	0.978	0.969	0.977	0.968
Boggeragh Windfarm Generator Unit	BG1	BOGGERAGH	110	0.975	0.969	0.973	0.967	0.975	0.967	0.972	0.964	0.97	0.963	0.972	0.963	0.971	0.961	0.975	0.967	0.98	0.972	0.978	0.97	0.978	0.969	0.977	0.968
Carrigannon Windfarm (Gen Unit)	CD1	BOGGERAGH	110	0.975	0.969	0.973	0.967	0.975	0.967	0.972	0.964	0.97	0.963	0.972	0.963	0.971	0.961	0.975	0.967	0.98	0.972	0.978	0.97	0.978	0.969	0.977	0.968
Tullynamoyle 3 Windfarm	TM3	CORDERRY	110	0.987	0.981	0.989	0.983	0.987	0.981	0.988	0.982	0.987	0.983	0.988	0.982	0.988	0.983	0.986	0.981	0.983	0.978	0.984	0.977	0.985	0.978	0.985	0.979
Tullynamoyle Wind Farm 2	TM2	CORDERRY	110	0.987	0.981	0.989	0.983	0.987	0.981	0.988	0.982	0.987	0.983	0.988	0.982	0.988	0.983	0.986	0.981	0.983	0.978	0.984	0.977	0.985	0.978	0.985	0.979
Pallas Generator Unit	CJ1	CLAHANE	110	0.979	0.975	0.979	0.975	0.98	0.974	0.977	0.971	0.975	0.97	0.975	0.969	0.981	0.976	0.983	0.98	0.984	0.98	0.984	0.978	0.983	0.978	0.982	0.977
Raheen Barr Gen Unit	MXE	CASTLEBAR	110	0.996	0.987	1	0.99	0.995	0.986	0.996	0.986	0.995	0.987	0.993	0.985	0.988	0.979	0.987	0.978	0.984	0.974	0.984	0.972	0.983	0.973	0.984	0.973
Carrigadrohid Generator Unit	LE3	CARRIGADROHI	110	0.979	0.973	0.976	0.971	0.979	0.971	0.976	0.968	0.974	0.968	0.976	0.968	0.974	0.965	0.978	0.974	0.983	0.976	0.982	0.974	0.982	0.973	0.98	0.971
Acres Windfarm	AS1	CATH_FALL	110	0.984	0.978	0.985	0.979	0.983	0.977	0.985	0.98	0.986	0.982	0.986	0.979	0.986	0.98	0.983	0.977	0.981	0.974	0.983	0.973	0.982	0.975	0.983	0.976
Erne 3 Generator Unit	ER3	CATH_FALL	110	0.984	0.978	0.985	0.979	0.983	0.977	0.985	0.98	0.986	0.982	0.986	0.979	0.986	0.98	0.983	0.977	0.981	0.974	0.983	0.973	0.982	0.975	0.983	0.976
Erne 4 Generator Unit	ER4	CATH_FALL	110	0.984	0.978	0.985	0.979	0.983	0.977	0.985	0.98	0.986	0.982	0.986	0.979	0.986	0.98	0.983	0.977	0.981	0.974	0.983	0.973	0.982	0.975	0.983	0.976
Erne 1 Generator Unit	ER1	CLIFF	110	0.984	0.977	0.985	0.979	0.983	0.976	0.985	0.979	0.986	0.981	0.986	0.979	0.986	0.98	0.983	0.977	0.981	0.974	0.982					

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				Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Dublin Bay Generator Unit	DB1	IRISHTOWN	220	1.002	1.003	1.002	1.003	1.003	1.003	1.002	1.002	1.001	1.002	1.002	1.002	1.005	1.004	1.003	1.004	1.003	1.005	1.003	1.005	1.003	1.004	1.003	
Arthurstown 1(ESB) Generator Unit	AR2	KILTEEL	110	1.003	1.001	1.004	1.004	1.005	1.004	1.005	1.002	1.005	1.002	1.004	1.002	1.006	1.001	1.012	1.008	1.006	1.001	1.004	0.999	1.005	0.999	1.004	1
Knocknagore Windfarm Limited	KM1	REAMORE	110	0.981	0.975	0.98	0.974	0.981	0.974	0.978	0.97	0.976	0.97	0.977	0.969	0.982	0.973	0.985	0.977	0.986	0.978	0.985	0.976	0.985	0.976	0.984	0.975
Leanamore	LM1	KILPADDIGE	110	0.981	0.979	0.981	0.978	0.982	0.978	0.977	0.973	0.975	0.972	0.977	0.973	0.985	0.98	0.988	0.984	0.988	0.984	0.987	0.983	0.987	0.981	0.986	0.981
Lanesboro	LR4	LANESBORO	110	0.979	0.974	0.981	0.975	0.98	0.975	0.981	0.974	0.98	0.975	0.986	0.982	0.983	0.974	0.984	0.976	0.98	0.972	0.979	0.97	0.979	0.971	0.979	0.972
Cark Wind Farm	CAR	LETTERKENNY	110	0.984	0.974	0.987	0.977	0.984	0.975	0.988	0.98	0.988	0.981	0.986	0.978	0.985	0.975	0.98	0.97	0.977	0.967	0.979	0.967	0.98	0.969	0.981	0.971
Cuillagh Generator Unit	CUH	LETTERKENNY	110	0.984	0.974	0.987	0.977	0.984	0.975	0.988	0.98	0.988	0.981	0.986	0.978	0.985	0.975	0.98	0.97	0.977	0.967	0.979	0.967	0.98	0.969	0.981	0.971
Bruckana Wind Farm Limited	BU1	LISHEEN	110	0.979	0.97	0.977	0.969	0.978	0.969	0.978	0.968	0.977	0.969	0.978	0.969	0.976	0.963	0.979	0.968	0.98	0.967	0.979	0.965	0.979	0.965	0.978	0.965
Lisheen Wind Farm 2 Ltd	LS2	LISHEEN	110	0.979	0.97	0.977	0.969	0.978	0.969	0.978	0.968	0.977	0.969	0.978	0.969	0.976	0.963	0.979	0.968	0.98	0.967	0.979	0.965	0.979	0.965	0.978	0.965
Lisheen Windfarm Phase 1	LS1	LISHEEN	110	0.979	0.97	0.977	0.969	0.978	0.969	0.978	0.968	0.977	0.969	0.978	0.969	0.976	0.963	0.979	0.968	0.98	0.967	0.979	0.965	0.979	0.965	0.978	0.965
Ballycadden Wind Farm	BY1	LOGDEWOOD	110	1	0.997	0.993	0.99	0.996	0.992	0.995	0.991	0.993	0.99	1	0.997	0.994	0.986	0.992	0.986	1.002	0.996	1.002	0.996	1.002	0.995	1.001	0.995
Ballycadden Wind Farm Phase 2	BY2	LOGDEWOOD	110	1	0.997	0.993	0.99	0.996	0.992	0.995	0.991	0.993	0.99	1	0.997	0.994	0.986	0.992	0.986	1.002	0.996	1.002	0.996	1.002	0.995	1.001	0.995
Castledockrell Windfarm (Gen Unit)	CK1	LOGDEWOOD	110	1	0.997	0.993	0.99	0.996	0.992	0.995	0.991	0.993	0.99	1	0.997	0.994	0.986	0.992	0.986	1.002	0.996	1.002	0.996	1.002	0.995	1.001	0.995
Gibbet Hill Windfarm	GT1	LOGDEWOOD	110	1	0.997	0.993	0.99	0.996	0.992	0.995	0.991	0.993	0.99	1	0.997	0.994	0.986	0.992	0.986	1.002	0.996	1.002	0.996	1.002	0.995	1.001	0.995
Gartaneane Generator Unit	GA2	MEATH HILL	110	1.005	1.004	1.007	1.006	1.006	1.005	1.008	1.007	1.007	1.008	1.007	1.007	1.007	1.005	1.004	1.002	1	1.003	1.001	1.004	1.002	1.004	1.003	
Bawnmore Windfarm	BN1	MACROOM	110	0.979	0.973	0.976	0.97	0.978	0.971	0.976	0.968	0.974	0.967	0.976	0.967	0.974	0.964	0.978	0.971	0.983	0.976	0.982	0.973	0.982	0.972	0.98	0.971
Moneypoint 1 Generator Unit	MP1	MNYPG1	380	0.985	0.984	0.984	0.983	0.986	0.983	0.981	0.978	0.979	0.978	0.981	0.978	0.99	0.985	0.991	0.988	0.991	0.987	0.99	0.986	0.991	0.986	0.99	0.985
Moneypoint Windfarm	MP9	MONEYPOINT	110	0.983	0.98	0.982	0.98	0.983	0.979	0.978	0.974	0.976	0.974	0.978	0.974	0.987	0.982	0.989	0.985	0.989	0.985	0.988	0.983	0.988	0.982	0.987	0.982
Moneypoint 3 Generator Unit	MP3	MNYPG3	380	0.985	0.984	0.984	0.983	0.986	0.983	0.981	0.978	0.979	0.978	0.981	0.978	0.99	0.985	0.991	0.988	0.991	0.987	0.99	0.986	0.991	0.986	0.99	0.985
Moneypoint 2 Generator Unit	MP2	MNYPG2	380	0.985	0.984	0.984	0.983	0.986	0.983	0.981	0.978	0.979	0.978	0.981	0.978	0.99	0.985	0.991	0.988	0.991	0.987	0.99	0.986	0.991	0.986	0.99	0.985
Marina Generator Unit	MRT	MARINA	110	0.983	0.977	0.98	0.974	0.983	0.975	0.981	0.972	0.978	0.972	0.98	0.972	0.977	0.966	0.981	0.973	0.988	0.98	0.986	0.977	0.986	0.976	0.984	0.975
Mulreevy Windfarm	MB1	MULREAVY	110	0.978	0.97	0.98	0.973	0.977	0.97	0.98	0.974	0.981	0.975	0.98	0.972	0.98	0.972	0.976	0.969	0.974	0.965	0.975	0.965	0.976	0.967	0.976	0.968
Tawnaghmore Peaking 1 Generator Unit	TP1	MOY	110	0.991	0.981	0.994	0.984	0.989	0.979	0.991	0.98	0.99	0.991	0.988	0.988	0.979	0.975	0.964	0.972	0.961	0.969	0.958	0.969	0.956	0.969	0.956	0.957
Tawnaghmore Peaking 3 Generator Unit	TP3	MOY	110	0.991	0.981	0.994	0.984	0.989	0.979	0.991	0.98	0.99	0.991	0.988	0.979	0.975	0.964	0.972	0.961	0.969	0.958	0.969	0.956	0.969	0.956	0.969	0.957
Meentycat Generator Unit	MCT	MEENTYCAT	110	0.979	0.97	0.982	0.972	0.979	0.97	0.983	0.974	0.983	0.975	0.981	0.972	0.98	0.971	0.975	0.966	0.972	0.962	0.974	0.962	0.974	0.965	0.976	0.966
Meenadreen South 2 Windfarm	MD1	MULREAVY	110	0.978	0.97	0.98	0.973	0.977	0.97	0.98	0.974	0.981	0.975	0.98	0.972	0.98	0.972	0.976	0.969	0.974	0.965	0.975	0.965	0.976	0.967	0.976	0.968
North Wall 5 Generator Unit	NW5	NORTH WALL	220	1.003	1.003	1.003	1.004	1.003	1.004	1.003	1.003	1.002	1.003	1.003	1.003	1.006	1.004	1.005	1.004	1.005	1.003	1.005	1.004	1.006	1.004	1.004	1.003
Carrowleagh Windfarm	XR1	GLENREE	110	0.989	0.98	0.992	0.982	0.989	0.978	0.989	0.979	0.988	0.98	0.987	0.978	0.977	0.967	0.974	0.964	0.971	0.961	0.971	0.959	0.971	0.96	0.972	0.96
Liffey 1 Generator Unit	LI1	POLLAPHUCA	110	1.001	1	0.994	0.993	0.996	0.995	0.996	0.994	0.995	0.993	1.004	1.001	0.999	0.991	0.998	0.992	1.004	0.997	1.005	0.996	1.005	0.996	1.005	0.996
Liffey 2 Generator Unit	LI2	POLLAPHUCA	110	1.001	1	0.994	0.993	0.996	0.995	0.996	0.994	0.995	0.993	1.004	1.001	0.999	0.991	0.998	0.992	1.004	0.997	1.005	0.996	1.005	0.996	1.005	0.996
Liffey 3 Hydro Unit	LI3	POLLAPHUCA	110	1.001	1	0.994	0.993	0.996	0.995	0.996	0.994	0.995	0.993	1.004	1.001	0.999	0.991	0.998	0.992	1.004	0.997	1.005	0.996	1.005	0.996	1.005	0.996
Liffey 4 Generator Unit	LI4	POLLAPHUCA	110	1.001	1	0.994	0.993	0.996	0.995	0.996	0.994	0.995	0.993	1.004	1.001	0.999	0.991	0.998	0.992	1.004	0.997	1.005	0.996	1.005	0.996	1.005	0.996
Liffey 5 Generator Unit	LI5	POLLAPHUCA	110	1.001	1	0.994	0.993	0.996	0.995	0.996	0.994	0.995	0.993	1.004	1.001	0.999	0.991	0.998	0.992	1.004	0.997	1.005	0.996	1.005	0.996	1.005	0.996
Dublin Waste to Energy	DW1	RINGSEND	110	1.004	1.004	1.004	1.005	1.005	1.005	1.004	1.004	1.003	1.004	1.005	1.004	1.007	1.005	1.006	1.005	1.006	1.004	1.006	1.005	1.007	1.004	1.006	1.005
Grouselodge Windfarm (Gen Unit)	GW1	RATHKEALE	110	0.984	0.98	0.983	0.979	0.984	0.979	0.98	0.974	0.978	0.974	0.98	0.974	0.987	0.984	0.989	0.988	0.99	0.988	0.99	0.987	0.989	0.986	0.988	0.985
Rathcahill West Windfarm	RC1	RATHKEALE	110	0.984	0.98	0.983	0.979	0.984	0.979	0.98	0.974	0.978	0.974	0.98	0.974	0.987	0.984	0.989	0.988	0.99	0.988	0.99	0.987	0.989	0.986	0.988	0.985
Bindoo Generator Unit	BD1	RATRUSSAN	110	1	0.996	1.002	0.998	1.001	0.997	1.002	1	1.002	1	1.001	0.999	1.001	0.998	0.999	0.995	0.995	0.991	0.996	0.991	0.996	0.992	0.997	0.993
Mountain Lodge Wind Farm	ML1	RATRUSSAN	110	1	0.996	1.002	0.998	1.001	0.997	1.002	1	1.002	1	1.001	0.999	1.001	0.998	0.999	0.995	0.995	0.991	0.996	0.991	0.996	0.992	0.997	0.993
Shannonbridge Generator Unit	WO4	SHANNONBRIDG	110	0.984	0.978	0.984	0.978	0.985	0.978	0.984	0.977	0.984	0.978	0.984	0.977	0.985	0.977	0.985	0.985	0.987	0.978	0.986	0.976	0.986			

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Market Participant - Transmission Connected	Unit ID TSO	Transmission Station	kV	Month																							
				Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
				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 Wind Farm	Wind Farm	AGHYOULE	110	0.985	0.978	0.989	0.98	0.986	0.979	0.99	0.983	0.99	0.984	0.987	0.981	0.985	0.982	0.98	0.976	0.977	0.973	0.979	0.973	0.979	0.975	0.981	0.977
Sieve Rushen 2	Wind Farm	AGHYOULE	110	0.985	0.978	0.989	0.98	0.986	0.979	0.99	0.983	0.99	0.984	0.987	0.981	0.985	0.982	0.98	0.976	0.977	0.973	0.979	0.973	0.979	0.975	0.981	0.977
Corby Knowe Windfarm	Wind Farm	ANTRIM	110	1	0.998	1.002	1	0.999	0.998	1.002	1.003	1.003	1.003	1.001	1.001	1	1.003	0.996	0.998	0.992	0.993	0.994	0.995	0.994	0.997	0.996	0.998
AES Ballylumford Limited GT1	BGT1	BALLYLUMFORD	110	0.996	0.995	0.998	0.997	0.996	0.996	0.998	1	0.999	1.001	0.999	1.001	0.996	1	0.991	0.994	0.988	0.99	0.99	0.991	0.989	0.992	0.99	0.993
AES Ballylumford Limited GT2	BGT2	BALLYLUMFORD	110	0.996	0.995	0.998	0.997	0.996	0.996	0.998	1	0.999	1.001	0.999	1.001	0.996	1	0.991	0.994	0.988	0.99	0.99	0.991	0.989	0.992	0.99	0.993
Ballylumford Generator Unit	B10	BALLYLUMFORD	110	0.996	0.995	0.998	0.997	0.996	0.996	0.998	1	0.999	1.001	0.999	1.001	0.996	1	0.991	0.994	0.988	0.99	0.99	0.991	0.989	0.992	0.99	0.993
Ballylumford Generator Unit	B31	BALLYLUMFORD	275	0.999	0.998	1.001	1	0.999	0.999	1.001	1.003	1.002	1.004	1.001	1.002	0.999	1.003	0.995	0.998	0.991	0.993	0.994	0.995	0.993	0.996	0.994	0.997
Ballylumford Generator Unit	B32	BALLYLUMFORD	275	0.999	0.998	1.001	1	0.999	0.999	1.001	1.003	1.002	1.004	1.001	1.002	0.999	1.003	0.995	0.998	0.991	0.993	0.994	0.995	0.993	0.996	0.994	0.997
Ballylumford 4 Generator Unit	B4	BALLYLUMFORD	275	0.999	0.998	1.001	1	0.999	0.999	1.001	1.003	1.002	1.004	1.001	1.002	0.999	1.003	0.995	0.998	0.991	0.993	0.994	0.995	0.993	0.996	0.994	0.997
Ballylumford 5 Generator Unit	B5	BALLYLUMFORD	275	0.999	0.998	1.001	1	0.999	0.999	1.001	1.003	1.002	1.004	1.001	1.002	0.999	1.003	0.995	0.998	0.991	0.993	0.994	0.995	0.993	0.996	0.994	0.997
ELGINNY HILL WIND FARM	Wind Farm	BALLYMENA	110	1	0.998	1.003	1	1	0.999	1.003	1.003	1.004	1.004	1.002	1.001	1.004	0.997	0.998	0.993	0.994	0.995	0.995	0.995	0.997	0.996	0.998	
Rathsherry Windfarm	Wind Farm	BALLYMENA	110	1	0.998	1.003	1	1	0.999	1.003	1.003	1.004	1.004	1.002	1.001	1.004	0.997	0.998	0.993	0.994	0.995	0.995	0.995	0.997	0.996	0.998	
Brockaghboy Windfarm	BKY	BROCKAGHBOY	110	0.986	0.982	0.989	0.984	0.986	0.983	0.99	0.988	0.99	0.988	0.987	0.986	0.985	0.988	0.98	0.981	0.976	0.979	0.98	0.98	0.981	0.982	0.983	0.984
Carn Hill Windfarm	Wind Farm	CARNMONEY	110	1.003	1.001	1.006	1.004	1.004	1.002	1.007	1.007	1.008	1.008	1.006	1.004	1.007	1	1.001	0.996	0.996	0.998	0.998	0.997	0.999	0.998	1.001	
Dunbeg Wind Farm	Wind Farm	COLERAINE	110	0.988	0.983	0.992	0.986	0.989	0.985	0.994	0.99	0.993	0.99	0.99	0.988	0.989	0.99	0.983	0.983	0.981	0.981	0.984	0.982	0.987	0.986	0.988	
Dunmore Wind Farm	Wind Farm	COLERAINE	110	0.988	0.983	0.992	0.986	0.989	0.985	0.994	0.99	0.993	0.99	0.99	0.988	0.989	0.99	0.983	0.983	0.981	0.981	0.984	0.982	0.987	0.986	0.988	
Garves Wind Generator Unit	Wind Farm	COLERAINE	110	0.988	0.983	0.992	0.986	0.989	0.985	0.994	0.99	0.993	0.99	0.99	0.988	0.989	0.99	0.983	0.983	0.981	0.981	0.984	0.982	0.987	0.986	0.988	
Gruig Generator Unit	Wind Farm	COLERAINE	110	0.988	0.983	0.992	0.986	0.989	0.985	0.994	0.99	0.993	0.99	0.99	0.988	0.989	0.99	0.983	0.983	0.981	0.981	0.984	0.982	0.987	0.986	0.988	
Coolkeeragh ESB Ltd GT8	CGT8	COOLKEERAGH	110	0.987	0.984	0.989	0.986	0.988	0.985	0.992	0.99	0.991	0.99	0.99	0.988	0.991	0.991	0.984	0.984	0.984	0.984	0.988	0.986	0.992	0.991	0.992	0.992
Lisahally Power Station	Biomass	COOLKEERAGH	110	0.987	0.984	0.989	0.986	0.988	0.985	0.992	0.99	0.991	0.99	0.99	0.988	0.991	0.991	0.984	0.984	0.984	0.984	0.988	0.986	0.992	0.991	0.992	0.992
Monnaboy Windfarm	Wind Farm	COOLKEERAGH	110	0.987	0.984	0.989	0.986	0.988	0.985	0.992	0.99	0.991	0.99	0.99	0.988	0.991	0.991	0.984	0.984	0.984	0.984	0.988	0.986	0.992	0.991	0.992	0.992
Coolkeeragh ESB CCGT Generator Unit	Wind Farm	COOLKEERAGH	275	0.99	0.988	0.992	0.99	0.991	0.989	0.994	0.994	0.994	0.993	0.992	0.994	0.995	0.987	0.988	0.987	0.987	0.99	0.989	0.994	0.994	0.994	0.994	0.994
Crockagarran Generator Unit	Wind Farm	DUNGANNON	110	0.998	0.995	1.001	0.997	0.998	0.996	1.001	1	1.001	1.001	1	0.999	1	1.001	0.996	0.996	0.992	0.991	0.994	0.993	0.995	0.994	0.996	0.996
Callaghean Generator Unit	Wind Farm	ENNISKILLEN	110	0.989	0.982	0.992	0.985	0.99	0.984	0.993	0.988	0.993	0.988	0.991	0.985	0.989	0.987	0.985	0.981	0.982	0.978	0.984	0.978	0.984	0.98	0.985	0.982
Ora More Windfarm	Wind Farm	ENNISKILLEN	110	0.989	0.982	0.992	0.985	0.99	0.984	0.993	0.988	0.993	0.988	0.991	0.985	0.989	0.987	0.985	0.981	0.982	0.978	0.984	0.978	0.984	0.98	0.985	0.982
Altamuskin Windfarm	Wind Farm	GORT	110	0.99	0.985	0.992	0.988	0.99	0.987	0.993	0.991	0.993	0.991	0.989	0.991	0.99	0.986	0.985	0.983	0.982	0.985	0.982	0.986	0.984	0.987	0.986	
Sieve Divena Generator Unit	Wind Farm	GORT	110	0.99	0.985	0.992	0.988	0.99	0.987	0.993	0.991	0.993	0.991	0.989	0.991	0.99	0.986	0.985	0.983	0.982	0.985	0.982	0.986	0.984	0.987	0.986	
Shantavny Scotch Wind Farm	Wind Farm	GORT	110	0.99	0.985	0.992	0.988	0.99	0.987	0.993	0.991	0.993	0.991	0.989	0.991	0.99	0.986	0.985	0.983	0.982	0.985	0.982	0.986	0.984	0.987	0.986	
Sieve Divena Wind Farm	Wind Farm	GORT	110	0.99	0.985	0.992	0.988	0.99	0.987	0.993	0.991	0.993	0.991	0.989	0.991	0.99	0.986	0.985	0.983	0.982	0.985	0.982	0.986	0.984	0.987	0.986	
Carrickatane Wind Farm	Wind Farm	KILLYMALLAGHT	110	0.985	0.981	0.987	0.983	0.985	0.982	0.989	0.987	0.989	0.987	0.987	0.985	0.988	0.987	0.982	0.98	0.981	0.98	0.985	0.981	0.988	0.985	0.988	0.986
Hunters Hill Windfarm Ltd - Eglis Site	Wind Farm	KILLYMALLAGHT	110	0.985	0.981	0.987	0.983	0.985	0.982	0.989	0.987	0.989	0.987	0.987	0.985	0.988	0.987	0.982	0.98	0.981	0.98	0.985	0.981	0.988	0.985	0.988	0.986
Sieve Kirk Windfarm	SK1	SIEVE KIRK	110	0.983	0.979	0.985	0.981	0.983	0.98	0.987	0.985	0.986	0.985	0.985	0.983	0.986	0.985	0.979	0.978	0.979	0.978	0.982	0.979	0.985	0.983	0.986	0.983
AES GT3 Gen Unit	KG3	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
AES GT4 Gen Unit	KG4	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
AES Kilroot - K1	K1	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
AES Kilroot - K2	K2	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
AES Kilroot Power Ltd GT1	KG1	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
AES Kilroot Power Ltd GT2	KG2	KILROOT	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
Altahullion 1 Generation Unit	Wind Farm	LIMAVADY	110	0.988	0.983	0.991	0.986	0.989	0.985	0.993	0.990	0.993	0.990	0.990	0.988	0.990	0.991	0.984	0.983	0.982	0.982	0.986	0.983	0.989	0.988	0.99	0.989
Altahullion 2 Generation Unit	Wind Farm	LIMAVADY	110	0.988	0.983	0.991	0.986	0.989	0.985	0.993	0.990	0.993	0.990	0.990	0.988	0.990	0.991	0.984	0.983	0.982	0.982	0.986	0.983	0.989	0.988	0.99	0.989
Contour Global AGU	AGU	LISBURN	110	1.005	1.002	1.007	1.005	1.005	1.003	1.008	1.008	1.008	1.009	1.006	1.007	1.005	1.008	1.001	1.003	0.997	0.998	0.999	0.999	0.999	1.001	1	1.002
Contour Global APTG	CG2	LISBURN	110	1.005	1.002	1.007	1.005	1.005	1.003	1.008	1.008	1.008	1.009	1.006	1.007	1.005	1.008	1.001	1.003	0.997	0.998	0.999	0.999	0.999	1.001	1	1.002
Lough Road	Solar Farm	LISBURN	110	1.005	1.002	1.007	1.005	1.005	1.003	1.008	1.008	1.008	1.009	1.006	1.007	1.005	1.008	1.001	1.003	0.997	0.998	0.999	0.999	0.999	1.001	1	1.002
Maghberry Road	Solar Farm	LISBURN	110	1.005	1.002	1.007	1.005	1.005	1.003	1.008	1.008	1.008	1.009	1.006	1.007	1.005											

1819 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - APPROVED TRANSMISSION NODE TLAfs																							Rev 1		
Station Name	kV	Month																							
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
ARDNACRUSHA	110	0.986	0.981	0.984	0.979	0.985	0.978	0.982	0.974	0.981	0.975	0.984	0.975	0.986	0.979	0.990	0.984	0.991	0.985	0.991	0.983	0.990	0.982	0.990	0.981
AGHADA	110	0.979	0.973	0.975	0.970	0.978	0.971	0.977	0.968	0.973	0.967	0.976	0.967	0.971	0.961	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.980	0.972
AGHADA	220	0.979	0.973	0.976	0.970	0.978	0.971	0.977	0.969	0.974	0.968	0.976	0.968	0.972	0.962	0.976	0.969	0.984	0.977	0.983	0.974	0.983	0.973	0.980	0.972
ARIGNA	110	0.988	0.983	0.990	0.985	0.989	0.983	0.989	0.984	0.989	0.984	0.989	0.984	0.990	0.985	0.988	0.983	0.985	0.980	0.986	0.979	0.986	0.980	0.987	0.981
AGANNYGAL	110	0.982	0.977	0.982	0.976	0.982	0.975	0.980	0.972	0.979	0.973	0.980	0.973	0.983	0.975	0.988	0.982	0.986	0.978	0.985	0.976	0.984	0.976	0.984	0.975
ARKLOW	110	1.002	1.000	0.998	0.997	1.000	0.998	0.999	0.997	0.998	0.997	1.002	1.000	1.000	0.994	0.999	0.995	1.004	0.999	1.004	0.999	1.004	0.999	1.003	0.999
ARKLOW	220	1.001	1.000	0.997	0.996	0.999	0.997	0.998	0.996	0.997	0.996	1.001	1.000	0.999	0.994	0.998	0.994	1.003	0.999	1.003	0.999	1.004	0.999	1.003	0.999
ATHEA	110	0.980	0.977	0.979	0.976	0.980	0.976	0.975	0.971	0.974	0.970	0.975	0.971	0.983	0.977	0.985	0.981	0.986	0.981	0.985	0.979	0.985	0.979	0.984	0.978
ATHLONE	110	0.986	0.980	0.986	0.980	0.987	0.980	0.986	0.979	0.987	0.981	0.987	0.981	0.987	0.978	0.994	0.987	0.988	0.980	0.987	0.978	0.987	0.978	0.987	0.978
AUGHINISH	110	0.973	0.969	0.971	0.968	0.973	0.967	0.969	0.963	0.967	0.962	0.970	0.963	0.975	0.968	0.978	0.974	0.979	0.974	0.983	0.977	0.978	0.971	0.978	0.972
ARVA	110	1.003	0.998	1.005	1.001	1.003	1.000	1.005	1.002	1.006	1.003	1.004	1.001	1.004	1.001	1.002	0.998	0.998	0.994	0.999	0.994	1.000	0.995	1.000	0.996
BALLYVOUSKIL	110	0.978	0.973	0.976	0.971	0.978	0.971	0.975	0.968	0.972	0.967	0.974	0.967	0.974	0.965	0.977	0.970	0.981	0.974	0.980	0.972	0.980	0.971	0.979	0.970
BALLYVOUSKIL	220	0.978	0.973	0.976	0.971	0.978	0.971	0.975	0.968	0.973	0.967	0.975	0.967	0.975	0.966	0.978	0.971	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
ATHY	110	1.000	0.995	0.998	0.993	1.000	0.995	0.999	0.993	0.998	0.994	1.001	0.996	0.999	0.989	1.004	0.997	1.003	0.994	1.001	0.992	1.002	0.992	1.001	0.992
BALLYWATER	110	1.000	0.997	0.993	0.990	0.996	0.992	0.995	0.991	0.993	0.991	1.000	0.997	0.995	0.986	0.992	0.986	1.002	0.995	1.002	0.995	1.002	0.995	1.002	0.995
BOOLTIAGH	110	0.984	0.979	0.983	0.979	0.983	0.978	0.979	0.974	0.978	0.974	0.980	0.974	0.986	0.980	0.989	0.983	0.989	0.983	0.988	0.981	0.988	0.980	0.987	0.980
BALTRASNA	110	1.006	1.007	1.007	1.008	1.007	1.007	1.007	1.008	1.007	1.008	1.007	1.008	1.009	1.008	1.008	1.007	1.007	1.006	1.008	1.006	1.008	1.007	1.007	1.007
BALLYLUCKEY	110	0.977	0.969	0.976	0.967	0.977	0.968	0.976	0.965	0.974	0.964	0.974	0.964	0.972	0.960	0.976	0.966	0.980	0.971	0.979	0.969	0.979	0.968	0.978	0.967
BALLYBEG	110	1.003	1.002	1.000	1.000	1.002	1.000	1.001	0.999	1.000	0.999	1.003	1.002	1.002	0.998	1.001	0.998	1.005	1.001	1.005	1.001	1.005	1.001	1.004	1.001
CORDAL	110	0.978	0.972	0.976	0.971	0.977	0.971	0.974	0.967	0.972	0.966	0.974	0.966	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.979	0.971
BLAKE	110	0.998	0.995	0.999	0.997	1.001	0.998	0.999	0.996	0.999	0.996	0.999	0.996	1.002	0.995	1.010	1.005	1.002	0.996	0.999	0.993	1.000	0.993	0.999	0.994
BINBANE	110	0.985	0.976	0.988	0.979	0.985	0.976	0.988	0.980	0.989	0.982	0.987	0.979	0.985	0.977	0.981	0.973	0.977	0.969	0.979	0.968	0.980	0.970	0.981	0.971
BARODA	110	0.999	0.995	1.000	0.997	1.002	0.999	1.000	0.996	1.000	0.996	0.999	0.996	1.002	0.995	1.012	1.006	1.002	0.995	1.000	0.992	1.000	0.992	1.000	0.993
BALLYDINE	110	0.994	0.987	0.989	0.982	0.991	0.983	0.990	0.982	0.988	0.981	0.993	0.985	0.988	0.976	0.989	0.980	0.996	0.986	0.996	0.985	0.995	0.984	0.995	0.984
BELLACORICK	110	0.992	0.982	0.996	0.985	0.990	0.980	0.992	0.982	0.991	0.982	0.989	0.980	0.972	0.960	0.969	0.958	0.966	0.954	0.966	0.952	0.965	0.952	0.966	0.953
BANDON	110	0.986	0.979	0.985	0.976	0.987	0.977	0.986	0.975	0.983	0.974	0.984	0.974	0.980	0.969	0.984	0.976	0.990	0.982	0.988	0.979	0.988	0.978	0.987	0.977
BARRYMORE	110	0.985	0.977	0.981	0.974	0.983	0.975	0.982	0.973	0.980	0.972	0.982	0.973	0.978	0.967	0.982	0.973	0.988	0.980	0.987	0.977	0.987	0.976	0.985	0.975
BELCAMP	220	1.004	1.004	1.004	1.005	1.004	1.004	1.003	1.004	1.003	1.004	1.004	1.004	1.006	1.005	1.006	1.005	1.005	1.004	1.006	1.005	1.006	1.004	1.005	1.004
BUTLERSTOWN	110	0.998	0.993	0.988	0.983	0.992	0.986	0.991	0.984	0.988	0.983	0.997	0.992	0.988	0.978	0.986	0.979	1.001	0.993	1.000	0.992	1.000	0.992	0.999	0.992
BRINNY	110	0.986	0.979	0.985	0.977	0.987	0.977	0.986	0.975	0.983	0.974	0.984	0.974	0.980	0.969	0.984	0.976	0.990	0.982	0.988	0.979	0.988	0.978	0.987	0.977
CLOGHBOOLA	110	0.977	0.974	0.976	0.973	0.977	0.973	0.973	0.968	0.971	0.967	0.973	0.967	0.981	0.974	0.983	0.978	0.984	0.978	0.983	0.977	0.983	0.977	0.982	0.975
BANOGE	110	1.003	1.000	0.997	0.995	1.000	0.997	0.999	0.996	0.997	0.995	1.003	1.000	0.999	0.992	0.997	0.991	1.004	0.999	1.004	0.999	1.005	0.998	1.004	0.998
BOGGERAGH	110	0.975	0.969	0.973	0.967	0.975	0.967	0.972	0.964	0.970	0.963	0.972	0.963	0.971	0.961	0.975	0.967	0.980	0.972	0.978	0.970	0.978	0.969	0.977	0.968
CLASHAVOON	110	0.978	0.972	0.976	0.970	0.978	0.970	0.975	0.967	0.973	0.966	0.975	0.966	0.974	0.964	0.977	0.970	0.982	0.975	0.981	0.973	0.981	0.972	0.980	0.971
CLASHAVOON	220	0.979	0.974	0.977	0.971	0.979	0.972	0.976	0.968	0.974	0.968	0.976	0.968	0.975	0.965	0.978	0.971	0.983	0.976	0.982	0.974	0.982	0.973	0.980	0.972
CLONKEEN	110	0.978	0.972	0.976	0.970	0.977	0.970	0.975	0.967	0.972	0.966	0.974	0.966	0.975	0.966	0.978	0.971	0.982	0.975	0.981	0.972	0.980	0.972	0.979	0.971
COOLROE	110	0.983	0.977	0.980	0.974	0.982	0.974	0.980	0.972	0.978	0.971	0.980	0.971	0.977	0.967	0.981	0.974	0.987	0.980	0.986	0.977	0.986	0.976	0.984	0.975
CORDERRY	110	0.987	0.981	0.989	0.983	0.987	0.981	0.988	0.982	0.987	0.983	0.988	0.982	0.988	0.983	0.986	0.981	0.983	0.978	0.984	0.977	0.985	0.978	0.985	0.979
CASHLA	110	0.989	0.986	0.990	0.987	0.989	0.985	0.986	0.982	0.985	0.983	0.986	0.982	0.992	0.987	0.993	0.989	0.992	0.987	0.991	0.986	0.991	0.986	0.991	0.986
CASHLA	220	0.989	0.986	0.990	0.987	0.989	0.986	0.987	0.983	0.986	0.983	0.987	0.983	0.992	0.987	0.993	0.989	0.992	0.987	0.991	0.986	0.991	0.986	0.991	0.986
CLAHANE	110	0.979	0.975	0.979	0.975	0.980	0.974	0.977	0.971	0.975	0.970	0.975	0.969	0.981	0.976	0.983	0.980	0.984	0.980	0.984	0.978	0.983	0.978	0.982	0.977
CASTLEBAR	110	0.996	0.987	1.000	0.990	0.995	0.986	0.996	0.986	0.995	0.987	0.993	0.985	0.988	0.979	0.987	0.978	0.984	0.974	0.984	0.972	0.983	0.973	0.984	0.973
CARRIGADROHI	110	0.979	0.973	0.976	0.971	0.979	0.971	0.976	0.968	0.974	0.968	0.976	0.968	0.974	0.965	0.978	0.971	0.983	0.976	0.982	0.974	0.982	0.973	0.980	0.971
CATH_FALL	110	0.984	0.978	0.985	0.979	0.983	0.977	0.985	0.980	0.986	0.982	0.986	0.979	0.986	0.980	0.983	0.977	0.981	0.974	0.983	0.973	0.982	0.975	0.983	0.976
CAHIR	110	0.990	0.982	0.987	0.979	0.988	0.980	0.987	0.978	0.986	0.978	0.988	0.980	0.985	0.973	0.988	0.978	0.992	0.981	0.991	0.979	0.991	0.979	0.990	0.979
CARRICKMINES	110	1.003	1.003	1.002	1.003	1.003	1.003	1.002	1.002	1.001	1.002	1.003	1.003	1.005	1.00										

1819 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - APPROVED TRANSMISSION NODE TLAfs																							Rev 1		
Station Name	kV	Month																							
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
KNOCKRAHA	220	0.982	0.976	0.978	0.972	0.980	0.973	0.979	0.971	0.976	0.970	0.979	0.970	0.975	0.965	0.979	0.972	0.986	0.979	0.985	0.976	0.985	0.975	0.983	0.974
KNOCKRAHA	110	0.982	0.976	0.979	0.973	0.981	0.974	0.980	0.971	0.977	0.970	0.979	0.971	0.975	0.965	0.979	0.972	0.987	0.979	0.985	0.977	0.986	0.976	0.983	0.975
KILBARRY	110	0.984	0.977	0.980	0.974	0.983	0.975	0.981	0.972	0.978	0.972	0.981	0.972	0.977	0.966	0.981	0.973	0.988	0.980	0.986	0.977	0.986	0.976	0.984	0.975
KILTEEL	110	1.003	1.001	1.004	1.004	1.005	1.004	1.005	1.002	1.005	1.002	1.004	1.002	1.006	1.001	1.012	1.008	1.006	1.001	1.004	0.999	1.005	0.999	1.004	1.000
REAMORE	110	0.981	0.975	0.980	0.974	0.981	0.974	0.978	0.970	0.976	0.970	0.977	0.969	0.982	0.973	0.985	0.977	0.986	0.978	0.985	0.976	0.985	0.976	0.984	0.975
KILKENNY	110	1.013	1.006	1.005	0.999	1.008	1.002	1.008	1.002	1.006	1.002	1.013	1.009	1.005	0.993	1.003	0.993	1.014	1.003	1.014	1.003	1.014	1.002	1.014	1.003
KILLONAN	110	0.986	0.980	0.984	0.979	0.985	0.978	0.982	0.975	0.981	0.975	0.983	0.976	0.985	0.978	0.989	0.983	0.990	0.984	0.990	0.982	0.989	0.981	0.989	0.980
KILLONAN	220	0.985	0.980	0.983	0.978	0.984	0.978	0.982	0.975	0.980	0.975	0.982	0.975	0.985	0.977	0.988	0.982	0.990	0.983	0.989	0.981	0.988	0.980	0.988	0.980
KNOCKERAGH	110	0.981	0.975	0.980	0.974	0.981	0.974	0.978	0.970	0.976	0.970	0.977	0.969	0.979	0.970	0.982	0.975	0.985	0.978	0.984	0.976	0.984	0.975	0.983	0.974
KNOCKUMBER	110	1.007	1.007	1.009	1.008	1.008	1.008	1.009	1.009	1.009	1.010	1.009	1.009	1.010	1.009	1.008	1.007	1.005	1.004	1.006	1.005	1.007	1.005	1.007	1.006
BALLYNAHULLA	110	0.978	0.973	0.976	0.971	0.978	0.971	0.974	0.967	0.972	0.967	0.974	0.967	0.976	0.967	0.979	0.972	0.982	0.975	0.981	0.973	0.981	0.972	0.980	0.971
BALLYNAHULLA	220	0.978	0.973	0.976	0.971	0.978	0.972	0.975	0.968	0.972	0.967	0.974	0.967	0.976	0.967	0.979	0.973	0.982	0.976	0.981	0.974	0.981	0.973	0.980	0.972
KELLIS	110	1.002	1.000	0.996	0.994	0.998	0.996	0.997	0.995	0.996	0.994	1.002	1.000	0.998	0.991	0.997	0.992	1.005	0.998	1.004	0.998	1.005	0.998	1.004	0.998
KELLIS	220	1.000	0.998	0.994	0.993	0.997	0.995	0.995	0.993	0.994	0.992	1.000	0.997	0.996	0.990	0.996	0.991	1.003	0.997	1.002	0.997	1.003	0.996	1.002	0.996
KINNEGAD	110	1.001	1.000	1.002	1.001	1.003	1.002	1.002	1.000	1.002	1.000	1.003	1.001	1.005	1.000	1.008	1.005	1.004	0.999	1.003	0.998	1.003	0.998	1.002	0.998
KILLOTERAN	110	0.998	0.994	0.988	0.983	0.992	0.986	0.991	0.984	0.988	0.983	0.998	0.992	0.988	0.978	0.986	0.979	1.001	0.994	1.000	0.993	1.001	0.992	1.000	0.992
KILPADOGE	110	0.981	0.979	0.981	0.978	0.982	0.978	0.977	0.973	0.975	0.972	0.977	0.973	0.985	0.980	0.988	0.984	0.988	0.984	0.987	0.983	0.987	0.981	0.986	0.981
KILPADOGE	220	0.983	0.981	0.982	0.980	0.983	0.980	0.978	0.975	0.977	0.974	0.979	0.975	0.987	0.982	0.989	0.985	0.989	0.985	0.988	0.984	0.988	0.983	0.987	0.982
LANESBORO	110	0.979	0.974	0.981	0.975	0.980	0.975	0.981	0.974	0.980	0.975	0.986	0.982	0.983	0.974	0.984	0.976	0.980	0.972	0.979	0.970	0.979	0.971	0.979	0.972
LOUTHA	110	1.002	1.001	1.004	1.003	1.003	1.002	1.004	1.005	1.004	1.005	1.003	1.004	1.004	1.005	1.002	1.002	0.999	0.999	1.001	1.000	1.002	1.001	1.002	1.002
LOUTH	220	1.001	1.000	1.003	1.001	1.002	1.001	1.003	1.003	1.003	1.003	1.002	1.002	1.003	1.003	1.001	1.000	0.998	0.997	0.999	0.998	1.000	0.999	1.000	1.000
LIMERICK	110	0.986	0.980	0.984	0.979	0.985	0.978	0.982	0.975	0.980	0.975	0.983	0.975	0.986	0.979	0.989	0.984	0.991	0.985	0.991	0.984	0.989	0.982	0.989	0.981
LISDRUM	110	1.007	1.003	1.009	1.006	1.007	1.005	1.010	1.008	1.010	1.008	1.008	1.006	1.008	1.007	1.005	1.003	1.002	0.999	1.003	1.000	1.004	1.001	1.004	1.002
LETTERKENNY	110	0.984	0.974	0.987	0.977	0.984	0.975	0.988	0.980	0.988	0.981	0.986	0.978	0.985	0.975	0.980	0.970	0.977	0.967	0.979	0.967	0.980	0.969	0.981	0.971
LISHEEN	110	0.979	0.970	0.977	0.969	0.978	0.969	0.978	0.968	0.977	0.969	0.978	0.969	0.976	0.963	0.979	0.968	0.980	0.967	0.979	0.965	0.979	0.965	0.978	0.965
CUREENY T	110	0.987	0.982	0.985	0.980	0.986	0.980	0.984	0.976	0.982	0.977	0.984	0.977	0.987	0.979	0.990	0.984	0.992	0.985	0.991	0.984	0.990	0.983	0.990	0.982
LODGEWOOD	110	1.000	0.997	0.993	0.990	0.996	0.992	0.995	0.991	0.993	0.990	1.000	0.997	0.994	0.986	0.992	0.986	1.002	0.996	1.002	0.996	1.002	0.995	1.001	0.995
LODGEWOOD	220	1.000	0.997	0.993	0.990	0.996	0.992	0.995	0.991	0.993	0.990	1.000	0.997	0.994	0.987	0.992	0.987	1.002	0.996	1.002	0.996	1.002	0.996	1.002	0.996
MACETOWN	110	1.006	1.007	1.006	1.007	1.006	1.007	1.006	1.007	1.005	1.007	1.006	1.007	1.009	1.008	1.008	1.008	1.007	1.007	1.008	1.008	1.008	1.007	1.007	1.007
MIDLETON	110	0.984	0.977	0.980	0.974	0.983	0.975	0.981	0.973	0.978	0.972	0.981	0.972	0.976	0.966	0.980	0.974	0.988	0.981	0.986	0.978	0.986	0.977	0.984	0.976
MEATH HILL	110	1.005	1.004	1.007	1.006	1.006	1.005	1.008	1.007	1.007	1.008	1.007	1.007	1.007	1.007	1.005	1.004	1.002	1.000	1.003	1.001	1.004	1.002	1.004	1.003
MAYNOOTH A	220	1.001	1.001	1.001	1.002	1.001	1.002	1	1.001	0.999	1.001	1.001	1.001	1.003	1.001	1.003	1.003	1.003	1.001	1.003	1.001	1.003	1.001	1.002	1.001
MACROOM	110	0.979	0.973	0.976	0.97	0.978	0.971	0.976	0.968	0.974	0.967	0.976	0.967	0.974	0.964	0.978	0.971	0.983	0.976	0.982	0.973	0.982	0.972	0.98	0.971
MONTEEN	110	0.983	0.978	0.981	0.977	0.983	0.976	0.98	0.972	0.978	0.973	0.98	0.973	0.984	0.977	0.987	0.982	0.989	0.983	0.99	0.983	0.987	0.98	0.987	0.98
MNYPG1	380	0.985	0.984	0.984	0.983	0.986	0.983	0.981	0.978	0.979	0.978	0.981	0.978	0.99	0.985	0.991	0.988	0.991	0.987	0.99	0.986	0.991	0.986	0.99	0.985
MONEYPOINT	110	0.983	0.98	0.982	0.98	0.983	0.979	0.978	0.974	0.976	0.974	0.978	0.974	0.987	0.982	0.989	0.985	0.989	0.985	0.988	0.983	0.988	0.982	0.987	0.982
MONEYPOINT	220	0.983	0.981	0.982	0.981	0.984	0.98	0.979	0.975	0.977	0.975	0.979	0.975	0.987	0.982	0.989	0.986	0.99	0.985	0.989	0.984	0.989	0.983	0.988	0.983
MARINA	110	0.983	0.977	0.98	0.974	0.983	0.975	0.981	0.972	0.978	0.972	0.98	0.972	0.977	0.966	0.981	0.973	0.988	0.98	0.986	0.977	0.986	0.976	0.984	0.975
MUNGRET A	110	0.983	0.978	0.982	0.977	0.983	0.976	0.98	0.972	0.978	0.973	0.981	0.973	0.984	0.977	0.988	0.982	0.989	0.983	0.99	0.983	0.987	0.98	0.987	0.98
MULLINGAR	110	1.003	1	1.004	1.002	1.005	1.002	1.004	1.001	1.004	1.001	1.005	1.003	1.006	0.999	1.009	1.003	1.005	0.998	1.004	0.997	1.005	0.997	1.004	0.998
MALLOW	110	0.985	0.978	0.982	0.976	0.984	0.976	0.983	0.974	0.98	0.973	0.982	0.973	0.979	0.969	0.983	0.975	0.988	0.981	0.987	0.978	0.987	0.977	0.986	0.976
MOY	110	0.991	0.981	0.994	0.984	0.989	0.979	0.991	0.98	0.99	0.981	0.988	0.979	0.975	0.964	0.972	0.961	0.969	0.958	0.969	0.956	0.969	0.956	0.969	0.957
MULLAGHARLIN	110	1.006	1.005	1.008	1.007	1.007	1.006	1.008	1.009	1.008	1.009	1.007	1.008	1.008	1.008	1.005	1.005	1.002	1.001	1.004	1.003	1.005	1.004	1.005	1.005
MEENTYCAT	110	0.979	0.97	0.982	0.972	0.979	0.97	0.983	0.974	0.983	0.975	0.981	0.972	0.98	0.971	0.975	0.966	0.972	0.962	0.974	0.962	0.975	0.965	0.976	0.966
MONREAD	110	1.002	0.999	1.003	1.001	1.004	1.002	1.004	1	1.003	1	1.002	1	1.005	0.999	1.012	1.007	1.005	0.999	1.003	0.996	1.003	0.996	1.003	0.997
MULREAVY	110	0.978	0.97	0.98	0.973	0.977	0.97	0.98	0.974	0.981	0.975	0.98	0.972	0.98	0.972	0.976	0.969	0.974	0.965	0.975					

1819 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - APPROVED TRANSMISSION NODE TLAfs																								Rev 1	
Station Name	kV	Month																							
		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep	
		Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night		
BAME1B	110	1.000	0.998	1.003	1.000	1.000	0.999	1.003	1.003	1.004	1.004	1.002	1.002	1.001	1.004	0.997	0.998	0.993	0.994	0.995	0.995	0.995	0.997	0.996	0.998
BANB1A	110	1.006	1.003	1.008	1.005	1.006	1.004	1.009	1.008	1.009	1.008	1.008	1.007	1.007	1.008	1.004	1.004	1.000	0.999	1.002	1.000	1.002	1.002	1.003	1.003
BAVA1-	110	0.998	0.997	1.000	0.999	0.998	0.997	1.001	1.002	1.002	1.003	1.001	1.002	0.999	1.002	0.994	0.996	0.990	0.992	0.993	0.993	0.992	0.994	0.993	0.996
BNCH1B	110	1.010	1.007	1.013	1.009	1.011	1.008	1.014	1.013	1.015	1.013	1.012	1.011	1.011	1.013	1.007	1.008	1.002	1.002	1.005	1.004	1.004	1.005	1.005	1.007
BELN1A	110	1.004	1.002	1.007	1.004	1.004	1.003	1.007	1.008	1.008	1.008	1.006	1.007	1.004	1.008	1.000	1.002	0.996	0.998	0.999	0.999	0.998	1.000	0.999	1.002
BROCK1	110	0.986	0.982	0.989	0.984	0.986	0.983	0.990	0.988	0.990	0.988	0.987	0.986	0.985	0.988	0.980	0.981	0.976	0.979	0.980	0.980	0.981	0.982	0.983	0.984
CARN1A	110	1.003	1.001	1.006	1.004	1.004	1.002	1.007	1.007	1.008	1.008	1.006	1.006	1.004	1.007	1.000	1.001	0.996	0.996	0.998	0.998	0.997	0.999	0.998	1.001
CAST1A	110	1.006	1.003	1.008	1.005	1.006	1.004	1.009	1.008	1.009	1.009	1.008	1.007	1.006	1.009	1.003	1.004	0.998	0.999	1.001	1.000	1.000	1.001	1.001	1.003
CAST2-	275	1.002	1.000	1.005	1.002	1.002	1.001	1.005	1.005	1.006	1.006	1.004	1.004	1.003	1.006	0.999	1.001	0.995	0.996	0.998	0.997	0.997	0.999	0.998	1.000
CENT1A	110	1.006	1.003	1.009	1.006	1.006	1.005	1.009	1.009	1.010	1.010	1.008	1.008	1.007	1.009	1.003	1.004	0.999	0.999	1.001	1.001	1.001	1.002	1.002	1.004
COLE1-	110	0.988	0.983	0.992	0.986	0.989	0.985	0.994	0.990	0.993	0.990	0.990	0.988	0.989	0.990	0.983	0.983	0.981	0.981	0.984	0.982	0.987	0.986	0.988	0.988
COOL1-	110	0.987	0.984	0.989	0.986	0.988	0.985	0.992	0.990	0.991	0.990	0.990	0.988	0.991	0.991	0.984	0.984	0.984	0.984	0.988	0.986	0.992	0.991	0.992	0.992
COOLKEER	275	0.990	0.988	0.992	0.990	0.991	0.989	0.994	0.994	0.994	0.994	0.993	0.992	0.994	0.995	0.987	0.988	0.987	0.987	0.990	0.989	0.994	0.994	0.994	0.994
CREAGH	110	1.001	0.998	1.003	1.000	1.001	0.999	1.003	1.003	1.004	1.004	1.002	1.002	1.002	1.004	0.997	0.998	0.994	0.994	0.996	0.995	0.996	0.997	0.997	0.999
CREG1A	110	1.006	1.003	1.009	1.006	1.006	1.004	1.009	1.009	1.010	1.010	1.008	1.008	1.007	1.009	1.003	1.004	0.999	0.999	1.001	1.001	1.001	1.002	1.002	1.004
DONE1D	110	1.004	1.002	1.006	1.004	1.004	1.003	1.007	1.007	1.007	1.008	1.006	1.006	1.004	1.007	1.000	1.002	0.996	0.997	0.999	0.999	0.998	1.000	0.999	1.002
OMAS-	110	0.987	0.981	0.990	0.984	0.987	0.982	0.991	0.986	0.991	0.987	0.988	0.984	0.987	0.986	0.983	0.980	0.980	0.977	0.982	0.977	0.983	0.980	0.984	0.981
DRUM1-	110	1.003	1.001	1.006	1.003	1.004	1.002	1.006	1.006	1.007	1.006	1.005	1.005	1.005	1.006	1.001	1.002	0.998	0.997	1.000	0.998	1.000	1.000	1.001	1.001
CURRAGHA	110	0.985	0.979	0.988	0.982	0.985	0.981	0.989	0.985	0.989	0.985	0.986	0.982	0.986	0.984	0.981	0.978	0.978	0.975	0.980	0.975	0.981	0.978	0.982	0.979
DUNG1-	110	0.998	0.995	1.001	0.997	0.998	0.996	1.001	1.000	1.001	1.001	1.000	0.999	1.000	1.001	0.996	0.996	0.992	0.991	0.994	0.993	0.995	0.994	0.996	0.996
EDEN1A	110	1.001	0.999	1.003	1.001	1.001	1.000	1.004	1.005	1.005	1.006	1.004	1.005	1.001	1.004	0.997	0.999	0.993	0.994	0.995	0.996	0.994	0.996	0.995	0.998
ENNISKIL	110	0.989	0.982	0.992	0.985	0.990	0.984	0.993	0.988	0.993	0.988	0.991	0.985	0.989	0.987	0.985	0.981	0.982	0.978	0.984	0.978	0.984	0.980	0.985	0.982
FINY1A	110	1.003	1.001	1.006	1.004	1.003	1.002	1.006	1.007	1.007	1.008	1.005	1.006	1.004	1.007	1.000	1.002	0.996	0.997	0.998	0.998	0.997	0.999	0.998	1.001
GLEN1A	110	1.002	0.999	1.004	1.001	1.002	1.000	1.004	1.004	1.005	1.005	1.003	1.003	1.003	1.005	0.998	1.000	0.994	0.995	0.997	0.996	0.997	0.998	0.998	1.000
GORT	110	0.990	0.985	0.992	0.988	0.990	0.987	0.993	0.991	0.993	0.991	0.991	0.989	0.991	0.990	0.986	0.985	0.983	0.982	0.985	0.982	0.986	0.984	0.987	0.986
HANA1A	110	1.003	1.001	1.005	1.003	1.003	1.002	1.006	1.007	1.007	1.007	1.005	1.006	1.003	1.007	0.999	1.002	0.995	0.997	0.998	0.998	0.997	0.999	0.998	1.001
HANA2A	275	1.002	1.000	1.004	1.002	1.002	1.001	1.004	1.005	1.005	1.006	1.004	1.004	1.002	1.005	0.998	1.000	0.994	0.996	0.997	0.997	0.996	0.998	0.997	1.000
KELS1-	110	0.999	0.997	1.001	0.999	0.998	0.998	1.001	1.002	1.001	1.002	1.000	1.001	1.000	1.003	0.995	0.997	0.991	0.993	0.994	0.994	0.994	0.996	0.995	0.997
KELS2-	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.003	1.001	1.001	1.000	1.003	0.996	0.998	0.992	0.993	0.995	0.995	0.995	0.996	0.996	0.998
KILL1-CL	110	0.985	0.981	0.987	0.983	0.985	0.982	0.989	0.987	0.989	0.987	0.987	0.985	0.988	0.987	0.982	0.980	0.981	0.980	0.985	0.981	0.988	0.985	0.988	0.986
KILR2-	275	0.999	0.997	1.001	0.999	0.999	0.998	1.001	1.002	1.002	1.002	1.000	1.001	1.001	1.003	0.997	0.998	0.993	0.993	0.995	0.995	0.996	0.997	0.996	0.998
KNCK1A	110	1.007	1.004	1.009	1.006	1.007	1.005	1.010	1.009	1.010	1.010	1.008	1.008	1.007	1.010	1.003	1.005	0.999	1.000	1.002	1.001	1.001	1.002	1.002	1.004
LARN1A	110	0.999	0.997	1.001	0.999	0.999	0.998	1.002	1.002	1.002	1.003	1.001	1.002	0.999	1.002	0.995	0.997	0.991	0.992	0.993	0.994	0.993	0.995	0.994	0.997
LIMA1-	110	0.988	0.983	0.991	0.986	0.989	0.985	0.993	0.990	0.993	0.990	0.990	0.988	0.990	0.991	0.984	0.983	0.982	0.982	0.986	0.983	0.989	0.988	0.990	0.989
LISB1A	110	1.005	1.002	1.007	1.005	1.005	1.003	1.008	1.008	1.008	1.009	1.006	1.007	1.005	1.008	1.001	1.003	0.997	0.998	0.999	0.999	1.001	1.000	1.000	1.002
LSMR1A	110	0.988	0.984	0.990	0.986	0.988	0.986	0.992	0.991	0.992	0.991	0.990	0.989	0.992	0.992	0.985	0.984	0.985	0.985	0.989	0.986	0.992	0.991	0.993	0.993
LOGE1A	110	0.989	0.984	0.993	0.986	0.990	0.986	0.995	0.991	0.994	0.991	0.991	0.988	0.990	0.991	0.984	0.983	0.981	0.982	0.985	0.983	0.987	0.987	0.989	0.989
MAGF2-	275	0.998	0.996	1.000	0.998	0.998	0.997	1.001	1.001	1.001	1.002	1.000	1.000	1.000	1.002	0.995	0.996	0.992	0.993	0.995	0.994	0.995	0.996	0.996	0.997
MAK11-CL	110	0.978	0.973	0.980	0.975	0.978	0.974	0.981	0.978	0.981	0.978	0.979	0.976	0.978	0.977	0.973	0.971	0.971	0.969	0.973	0.969	0.974	0.971	0.975	0.973
AUCHENCROSH	275	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976
NARD1B	110	1.008	1.005	1.011	1.007	1.008	1.006	1.011	1.011	1.012	1.012	1.010	1.009	1.009	1.011	1.005	1.006	1.000	1.001	1.003	1.002	1.002	1.003	1.003	1.005
NEWY1B	110	1.009	1.005	1.013	1.008	1.010	1.007	1.013	1.011	1.014	1.012	1.012	1.010	1.011	1.011	1.007	1.007	1.003	1.002	1.005	1.003	1.005	1.004	1.006	1.006
OMAH1-	110	0.988	0.983	0.990	0.985	0.988	0.984	0.991	0.988	0.991	0.989	0.989	0.986	0.989	0.987	0.984	0.982	0.981	0.979	0.983	0.979	0.984	0.982	0.985	0.983
RASHARK1	110	0.987	0.983	0.990	0.986	0.988	0.985	0.992	0.989	0.991	0.990	0.988	0.987	0.987	0.990	0.982	0.983	0.978	0.980	0.981	0.981	0.983	0.984	0.985	0.986
RATH1B	110	1.010	1.006	1.013	1.009	1.010	1.008	1.014	1.012	1.014	1.013	1.012	1.011	1.010	1.013	1.007	1.007	1.002	1.002	1.004	1.003	1.004	1.005	1.005	1.007
ROSE1A	110	1.006	1.003	1.008	1.005	1.006	1.004	1.009	1.009	1.009	1.009	1.008	1.007	1.006	1.009										