

1718 SINGLE ELECTRICITY MARKET APPROVED TRANSMISSION LOSS ADJUSTMENT FACTORS - MARKET PARTICIPANTS																											
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
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	0.966	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 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	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
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	0.97	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	0.983										

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				Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
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	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
Mulreevy 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)	GW1	RATHKEALE</																									

1718 SINGLE ELECTRICITY MARKET APPROVED TRANSMISSION LOSS ADJUSTMENT FACTORS - MARKET PARTICIPANTS																											
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 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	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 Generator Unit	B32	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 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	0.992	0.988	0.997	0.992	0.997	0.993	0	

1718 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - APPROVED TRANSMISSION NODE TLAfs

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	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									

1718 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - APPROVED TRANSMISSION NODE TLAfs

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	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	0.969	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
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	0.999	0.998	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
KILLOTTERAN	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

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

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	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
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
LSIB1A	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	0.976*	0.976*	0.976*	0.976*	0.976*	0.976*	0.976*	0.976*
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	0.987	0.99	0.987	0.991	0.991	0.99	0.991	0.988	0.988												