

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	
Ardnacrusha 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	
Ardnacrusha 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	
Ardnacrusha 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	
Ardnacrusha 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	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	0.96	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	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	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967	
Ballybane Generator Unit	BA3	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	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967	
Curraghmore Hydro Plant	CM1	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	0.96	0.976	0.966	0.98	0.971	0.979	0.969	0.979	0.968	0.978	0.967	
Coollegrean 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	
Cloghboola 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	
Carraigcannon 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.													

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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	
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	1.003	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	1.001	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
Knocknagour 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	LODGEWOOD	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	LODGEWOOD	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	LODGEWOOD	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	LODGEWOOD	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	
Gartnaneane 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	1.004	
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	
Mulreeavy 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	0.981	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	
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	0.981	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	
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	0.975	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 Wall5 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	0.987	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								

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
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
Slieve 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	1.002	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	1.002	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	1.006	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	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	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	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	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	0.994	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
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
Callagheen 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	0.991	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
Slieve 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	0.991	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
Slieve 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 - Eglish 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
Slieve Kirk Windfarm	SK1	SUEVE 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	KG73	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	KG74	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.											

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															

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	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
KILOTERAN	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
KILPADDOGE	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
KILPADDOGE	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</															

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	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	0.999	1.001	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	0.999								