

2022/2023 SINGLE ELECTRICITY MARKET COMBINED LOSS ADJUSTMENT FACTORS - IE BASED MARKET PARTICIPANTS					OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	DECEMBER	DECEMBER	DECEMBER	DECEMBER
Market Participant	Unit IDT Unit IDSEMO		Transmission Station	KV	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4
					from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59
					Oct_CLAF_1	Oct_CLAF_2	Oct_CLAF_3	Oct_CLAF_4	Oct_CLAF_1	Nov_CLAF_1	Nov_CLAF_2	Nov_CLAF_3	Nov_CLAF_4	Nov_CLAF_1	Dec_CLAF_1	Dec_CLAF_2	Dec_CLAF_3	Dec_CLAF_4
Ardnacrusa 1 Generator Unit	AA1	GU_400200	ARDNACRU	110	0.972	0.976	0.976	0.972	0.972	0.968	0.972	0.972	0.968	0.968	0.967	0.970	0.970	0.967
Ardnacrusa 2 Generator Unit	AA2	GU_400201	ARDNACRU	110	0.972	0.976	0.976	0.972	0.972	0.968	0.972	0.972	0.968	0.968	0.967	0.970	0.970	0.967
Ardnacrusa 3 Generator Unit	AA3	GU_400202	ARDNACRU	110	0.972	0.976	0.976	0.972	0.972	0.968	0.972	0.972	0.968	0.968	0.967	0.970	0.970	0.967
Ardnacrusa 4 Generator Unit	AA4	GU_400203	ARDNACRU	110	0.972	0.976	0.976	0.972	0.972	0.968	0.972	0.972	0.968	0.968	0.967	0.970	0.970	0.967
Cnoc Windfarms	AC1	GU_401670	THURLES	110	0.977	0.984	0.984	0.977	0.977	0.977	0.982	0.982	0.977	0.977	0.977	0.982	0.982	0.977
Aghada 2 Generator Unit	AD2	GU_400850	LONGPOIN	220	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
Aghada BESS	AD3	GU_403560	AGHADA	110	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
Athea Wind Farm	AH1	GU_401380	ATHEA	110	0.967	0.970	0.970	0.967	0.967	0.965	0.967	0.967	0.965	0.965	0.963	0.964	0.964	0.963
Carrickallen Windfarm	AL1	GU_402220	SHANKILL	110	0.998	1.003	1.003	0.998	0.998	0.999	1.005	1.005	0.999	0.999	1.001	1.006	1.006	1.001
Arthurstown 1(ESB) Generator Unit	AR2	GU_400570	KILTEEL	110	1.003	1.004	1.004	1.003	1.003	1.005	1.005	1.005	1.005	1.005	1.007	1.007	1.007	1.007
ESB Arklow Bank	ARB	GU_401020	ARKLOW	110	0.995	0.994	0.994	0.995	0.995	0.996	0.993	0.993	0.996	0.996	0.995	0.993	0.993	0.995
Acres Windfarm	AS1	GU_401820	CATH_FAL	110	0.975	0.981	0.981	0.975	0.975	0.975	0.981	0.981	0.975	0.975	0.977	0.981	0.981	0.977
AGHADA CT11 Generator Unit	AT1	GU_400181	AGHADA_B	220	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
AGHADA CT12 Generator Unit	AT2	GU_400182	AGHADA_B	220	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
AGHADA CT14 Generator Unit	AT4	GU_400183	AGH_AT14	220	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
Avonbeg BESS	AV1	GU_404530	CRANE	110	0.984	0.985	0.985	0.984	0.984	0.986	0.984	0.984	0.986	0.986	0.985	0.984	0.984	0.985
Ballybane Generator Unit	BA1	GU_400650	BALLYLIC	110	0.950	0.958	0.958	0.950	0.950	0.949	0.955	0.955	0.949	0.949	0.947	0.953	0.953	0.947
Ballybane Wind Farm Phase 2	BA2	GU_401790	BALLYLIC	110	0.950	0.958	0.958	0.950	0.950	0.949	0.955	0.955	0.949	0.949	0.947	0.953	0.953	0.947
Ballybane Wind Farm Phase 3	BA3	GU_402010	BALLYlickey	110	0.950	0.958	0.958	0.950	0.950	0.949	0.955	0.955	0.949	0.949	0.947	0.953	0.953	0.947
Ballinacollig Hill Generator Unit	BCW	GU_401000	TRALEE	110	0.965	0.971	0.971	0.965	0.965	0.963	0.968	0.968	0.963	0.963	0.961	0.965	0.965	0.961
Bindoo Generator Unit	BD1	GU_400050	RATRUISSA	110	0.995	1.000	1.000	0.995	0.995	0.996	1.002	1.002	0.996	0.996	0.998	1.003	1.003	0.998
Barranfadock Windfarm	BF1	GU_401810	BARRYMOR	110	0.967	0.972	0.972	0.967	0.967	0.966	0.968	0.968	0.966	0.966	0.964	0.966	0.966	0.964
Boggeragh Windfarm Generator Unit	BG1	GU_400910	BOGGERAG	110	0.955	0.960	0.960	0.955	0.955	0.954	0.956	0.956	0.954	0.954	0.951	0.954	0.954	0.951
Boggeragh 2 Windfarm	BG2	GU_401840	BOGGERAG	110	0.955	0.960	0.960	0.955	0.955	0.954	0.956	0.956	0.954	0.954	0.951	0.954	0.954	0.951
Boolyneagleragh Windfarm	BJ1	GU_403770	BOOLTIAG	110	0.972	0.976	0.976	0.972	0.972	0.970	0.974	0.974	0.970	0.970	0.968	0.972	0.972	0.968
Beam Hill Wind Farm	BM1	GU_404560	TRILLICK	110	0.957	0.971	0.971	0.957	0.957	0.959	0.973	0.973	0.959	0.959	0.962	0.975	0.975	0.962
Bawnmore Windfarm	BN1	GU_401150	MACROOM	110	0.959	0.964	0.964	0.959	0.959	0.958	0.960	0.960	0.958	0.958	0.955	0.957	0.957	0.955
BRUREE HYDRO	BR1	GU_400670	CHARLEVI	110	0.967	0.973	0.973	0.967	0.967	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Ballybay	BS1	GU_402140	THURLES	110	0.977	0.984	0.984	0.977	0.977	0.977	0.982	0.982	0.977	0.977	0.977	0.982	0.982	0.977
Booltiagh Windfarm	BT1	GU_401720	BOOLTIAG	110	0.968	0.972	0.972	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Booltiagh 2 Wind Farm	BT2	GU_401730	BOOLTIAG	110	0.968	0.972	0.972	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Bruckana Wind Farm Limited	BU1	GU_401700	LISHEEN	110	0.972	0.980	0.980	0.972	0.972	0.972	0.979	0.979	0.972	0.972	0.972	0.978	0.978	0.972
Ballywater Generator Unit	BW1	GU_405890	CRANE	110	0.984	0.985	0.985	0.984	0.984	0.984	0.984	0.984	0.986	0.986	0.985	0.984	0.984	0.985
Ballymartin Wind Farm Phase 1	BX1	GU_401710	WATERFOR	110	0.976	0.979	0.979	0.976	0.976	0.977	0.977	0.977	0.977	0.977	0.975	0.976	0.976	0.975
Ballymartin Wind Farm Phase 2	BX2	GU_401760	WATERFOR	110	0.976	0.979	0.979	0.976	0.976	0.977	0.977	0.977	0.977	0.977	0.975	0.976	0.976	0.975
Ballycadden Wind Farm	BY1	GU_401290	LODGEWOO	110	0.983	0.984	0.984	0.983	0.983	0.985	0.983	0.983	0.985	0.985	0.984	0.983	0.983	0.984
Ballycadden Wind Farm Phase 2	BY2	GU_401360	LODGEWOO	110	0.983	0.984	0.984	0.983	0.983	0.985	0.983	0.983	0.985	0.985	0.984	0.983	0.983	0.984
Cark Wind Farm	CAR	GU_403900	LETTERKE	110	0.969	0.979	0.979	0.969	0.969	0.970	0.980	0.980	0.970	0.970	0.972	0.982	0.982	0.972
Carraignon Windfarm (Gen Unit)	CD1	GU_401070	BOGGERAG	110	0.955	0.960	0.960	0.955	0.955	0.954	0.956	0.956	0.954	0.954	0.951	0.954	0.954	0.951
Coomagearlachy Generator Unit	CG1	GU_404210	COOMAGEA	110	0.958	0.964	0.964	0.958	0.958	0.956	0.960	0.960	0.956	0.956	0.954	0.958	0.958	0.954
SWS Green Energy Gen Unit (Sillahertane)	CG2	GU_400730	COOMAGEA	110	0.958	0.964	0.964	0.958	0.958	0.956	0.960	0.960	0.956	0.956	0.954	0.958	0.958	0.954
SWS Kilgarvan Ext Inchincoosh	CG3	GU_400731	COOMAGEA	110	0.958	0.964	0.964	0.958	0.958	0.956	0.960	0.960	0.956	0.956	0.954	0.958	0.958	0.954
Pallas Generator Unit	CI1	GU_400660	CLAHANE	110	0.965	0.969	0.969	0.965	0.965	0.963	0.966	0.966	0.963	0.963	0.961	0.964	0.964	0.961
Clahane 2 Windfarm	CI2	GU_401980	CLAHANE	110	0.965	0.969	0.969	0.965	0.965	0.963	0.966	0.966	0.963	0.963	0.961	0.964	0.964	0.961
Castledockrell Windfarm (Gen Unit)	CK1	GU_403390	LODGEWOO	110	0.983	0.984	0.984	0.983	0.983	0.985	0.983	0.983	0.985	0.985	0.984	0.983	0.983	0.984
Cloghboola Wind Farm	CL1	GU_401830	CLOGHBOO	110	0.965	0.968	0.968	0.965	0.965	0.963	0.965	0.965	0.963	0.963	0.961	0.963	0.963	0.961
Curraghmore Hydro Plant	CM1	GU_401200	BALLYLIC	110	0.950	0.958	0.958	0.950	0.950	0.949	0.955	0.955	0.949	0.949	0.947	0.953	0.953	0.947
Carnsore Point Generator Unit	CNS	GU_400470	WEXFORD	110	0.981	0.985	0.985	0.981	0.981	0.983	0.984	0.984	0.983	0.983	0.982	0.983	0.983	0.982
Cappawhite	CP1	GU_402150	CAUTEEN	110	0.970	0.976	0.976	0.970	0.970	0.968	0.973	0.973	0.968	0.968	0.967	0.971	0.971	0.967
Cappawhite B Windfarm	CP3	GU_402340	CAUTEEN	110	0.970	0.976	0.976	0.970	0.970	0.968	0.973	0.973	0.968	0.968	0.967	0.971	0.971	0.967
Clady Generating Station	CU1	GU_401190	BINBAE	110	0.965	0.975	0.975	0.965	0.965	0.966	0.976	0.976	0.966	0.966	0.968	0.977	0.977	0.968
Cuillagh Generator Unit	CUH	GU_400030	LETTERKE	110	0.969	0.979	0.979	0.969	0.969	0.970	0.980	0.980	0.970	0.970	0.972	0.982	0.982	0.972
Coomacheo Generator Unit	CZ1	GU_400591	GARROW	110	0.959	0.963	0.963	0.959	0.959	0.958	0.960	0.960	0.958	0.958	0.955	0.957	0.957	0.955
Glanaruddy 1 Windfarm	DA1	GU_404490	CLOGHBOO	110	0.965	0.968	0.968	0.965	0.965	0.963	0.965	0.965	0.963	0.963	0.961	0.963	0.963	0.961

Market Participant	Unit	IDT	Unit	IDSEMO	Transmission Station	kV	OCTOBER CLAF_1	OCTOBER CLAF_2	OCTOBER CLAF_3	OCTOBER CLAF_4	OCTOBER CLAF_1	NOVEMBER CLAF_1	NOVEMBER CLAF_2	NOVEMBER CLAF_3	NOVEMBER CLAF_4	NOVEMBER CLAF_1	DECEMBER CLAF_1	DECEMBER CLAF_2	DECEMBER CLAF_3	DECEMBER CLAF_4	
							from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	
							Oct_CLAF_1	Oct_CLAF_2	Oct_CLAF_3	Oct_CLAF_4	Oct_CLAF_1	Nov_CLAF_1	Nov_CLAF_2	Nov_CLAF_3	Nov_CLAF_4	Nov_CLAF_1	Dec_CLAF_1	Dec_CLAF_2	Dec_CLAF_3	Dec_CLAF_4	
Glanaruddery 2 Windfarm	DA2	GU	404500	CLOGHBOO	110	0.965	0.968	0.968	0.965	0.965	0.963	0.965	0.965	0.963	0.963	0.963	0.961	0.963	0.963	0.963	
Dublin Bay Generator Unit	DB1	GU	400500	IRISHTOW	220	1.005	1.001	1.001	1.005	1.005	1.006	1.001	1.001	1.006	1.006	1.006	1.006	1.002	1.002	1.002	1.006
Cordal 1 Windfarm	DL1	GU	402110	CORDAL	110	0.961	0.965	0.965	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.959	0.957	0.959	0.959	0.957	0.957
Cordal 2 Windfarm	DL2	GU	402130	CORDAL	110	0.961	0.965	0.965	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.959	0.957	0.959	0.959	0.959	0.957
Dromada Windfarm Generator Unit	DR1	GU	400920	DROMADA	110	0.967	0.970	0.970	0.967	0.967	0.965	0.966	0.966	0.965	0.965	0.965	0.963	0.964	0.964	0.964	0.963
Derrysallagh Windfarm	DS1	GU	403820	GARVAGH	110	0.977	0.984	0.984	0.977	0.977	0.977	0.983	0.983	0.977	0.977	0.977	0.978	0.983	0.983	0.983	0.978
Dromdeeveen Windfarm	DV1	GU	401240	GLENLARA W	110	0.959	0.964	0.964	0.959	0.959	0.957	0.960	0.960	0.957	0.957	0.955	0.958	0.958	0.958	0.955	
Dublin Waste to Energy	DW1	GU	402030	RINGSEND	110	1.006	1.003	1.003	1.006	1.006	1.007	1.003	1.003	1.007	1.007	1.007	1.004	1.004	1.004	1.007	1.007
Derrybrien Wind Farm	DY1	GU	401440	DERRYBRI	110	0.971	0.976	0.976	0.971	0.971	0.970	0.974	0.974	0.970	0.970	0.970	0.973	0.973	0.973	0.970	0.970
Edenderry Power Supply	ED1	GU	401860	CUSHALIN	110	0.977	0.984	0.984	0.977	0.977	0.979	0.984	0.984	0.979	0.979	0.979	0.984	0.989	0.989	0.989	0.984
Cushaling Power PPMG1	ED3	GU	401010	CUSHALIN	110	0.977	0.984	0.984	0.977	0.977	0.979	0.984	0.984	0.979	0.979	0.979	0.984	0.989	0.989	0.989	0.984
Cushaling Power PPMG2	ED5	GU	401011	CUSHALIN	110	0.977	0.984	0.984	0.977	0.977	0.979	0.984	0.984	0.979	0.979	0.979	0.984	0.989	0.989	0.989	0.984
Erne 1 Generator Unit	ER1	GU	400210	CLIFF	110	0.975	0.980	0.980	0.975	0.975	0.975	0.980	0.980	0.975	0.975	0.976	0.981	0.981	0.981	0.976	0.976
Erne 2 Generator Unit	ER2	GU	400211	CLIFF	110	0.975	0.980	0.980	0.975	0.975	0.975	0.980	0.980	0.975	0.975	0.976	0.981	0.981	0.981	0.976	0.976
Erne 3 Generator Unit	ER3	GU	400220	CATH_FAL	110	0.975	0.981	0.981	0.975	0.975	0.975	0.981	0.981	0.975	0.975	0.977	0.981	0.981	0.981	0.977	0.977
Erne 4 Generator Unit	ER4	GU	400221	CATH_FAL	110	0.975	0.981	0.981	0.975	0.975	0.975	0.981	0.981	0.975	0.975	0.977	0.981	0.981	0.981	0.977	0.977
Esk Windfarm	ES1	GU	404340	BOGGERAG	110	0.955	0.960	0.960	0.955	0.955	0.954	0.956	0.956	0.954	0.954	0.951	0.954	0.954	0.954	0.951	0.951
EWIC	EW1	I	ROIEWIC	DEESIDE	400	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
Gartaneane Generator Unit	GA2	GU	400041	MEATH HI	110	1.003	1.005	1.005	1.003	1.003	1.004	1.007	1.007	1.004	1.004	1.006	1.008	1.008	1.008	1.006	1.006
Grousemount Windfarm	GD1	GU	403790	COOMAGEA	110	0.957	0.961	0.961	0.957	0.957	0.955	0.957	0.957	0.955	0.955	0.955	0.953	0.955	0.955	0.953	0.953
Gortahille Windfarm Ltd Generator Unit	GE1	GU	401060	CARLOW	110	0.989	0.990	0.990	0.989	0.989	0.991	0.989	0.989	0.991	0.991	0.990	0.989	0.989	0.989	0.990	0.990
Gorman BESS	GF1	GU	404260	GORMAN	110	1.005	1.005	1.005	1.005	1.005	1.006	1.006	1.006	1.006	1.006	1.007	1.007	1.007	1.007	1.007	1.007
Garvagh Glebe Generator Unit	GH1	GU	400950	GARVAGH	110	0.977	0.984	0.984	0.977	0.977	0.977	0.983	0.983	0.977	0.977	0.977	0.978	0.983	0.983	0.983	0.978
Tullynahaw Generator Unit	GH2	GU	400940	GARVAGH	110	0.977	0.984	0.984	0.977	0.977	0.977	0.983	0.983	0.977	0.977	0.977	0.978	0.983	0.983	0.983	0.978
Great Island CCGT	GI4	GU	400762	GREAT IS	220	0.974	0.977	0.977	0.974	0.974	0.976	0.975	0.975	0.975	0.976	0.976	0.974	0.974	0.974	0.974	0.974
Bunnyconnellan Windfarm	GL1	GU	403880	GLENREE	110	0.956	0.971	0.971	0.956	0.956	0.957	0.971	0.971	0.957	0.957	0.955	0.967	0.967	0.967	0.955	0.955
Midas Generator Unit	GLC	GU	400060	GLANLEE	110	0.958	0.962	0.962	0.958	0.958	0.956	0.959	0.959	0.956	0.956	0.954	0.956	0.956	0.956	0.954	0.954
Garraclumner Wind Farm Ltd	GM1	GU	401740	CAUTEEN	110	0.970	0.976	0.976	0.970	0.970	0.968	0.973	0.973	0.968	0.968	0.967	0.971	0.971	0.971	0.967	0.967
Barnesmore (Golagh) Windfarm	GO1	GU	404450	GOLAGH	110	0.970	0.977	0.977	0.970	0.970	0.970	0.978	0.978	0.970	0.970	0.972	0.979	0.979	0.979	0.972	0.972
Golagh BESS	GO2	GU	404270	GOLAGH	110	0.970	0.977	0.977	0.970	0.970	0.970	0.978	0.978	0.970	0.970	0.972	0.979	0.979	0.979	0.972	0.972
Gardnershill Battery	GP1	GU	404510	FINGLAS	110	1.006	1.002	1.002	1.006	1.006	1.007	1.002	1.002	1.007	1.007	1.006	1.002	1.002	1.002	1.006	1.006
Grove Hill Windfarm	GR1	GU	401890	DUNDALK	110	1.005	1.007	1.007	1.005	1.005	1.006	1.010	1.010	1.006	1.006	1.008	1.011	1.011	1.011	1.008	1.008
Gibbet Hill Windfarm	GT1	GU	401340	LODGEWOO	110	0.983	0.984	0.984	0.983	0.983	0.985	0.983	0.983	0.985	0.985	0.984	0.983	0.983	0.983	0.984	0.984
Glenough Windfarm	GU1	GU	401250	CAUTEEN	110	0.970	0.976	0.976	0.970	0.970	0.968	0.973	0.973	0.968	0.968	0.967	0.971	0.971	0.971	0.967	0.967
Grouselodge Windfarm (Gen Unit)	GW1	GU	401090	RATHKEAL	110	0.971	0.975	0.975	0.971	0.971	0.968	0.972	0.972	0.968	0.968	0.967	0.970	0.970	0.970	0.967	0.967
Glencarby Windfarm	GY1	GU	404470	CAUTEEN	110	0.970	0.976	0.976	0.970	0.970	0.968	0.973	0.973	0.968	0.968	0.967	0.971	0.971	0.971	0.967	0.967
VPL Generation Unit	HN2	GU	400540	HUNTSTOW	220	1.006	1.002	1.002	1.006	1.006	1.007	1.002	1.002	1.007	1.007	1.006	1.002	1.002	1.002	1.006	1.006
HPC1 Generation Unit	HNC	GU	400480	HUNTSTOW	220	1.006	1.002	1.002	1.006	1.006	1.006	1.002	1.002	1.006	1.006	1.006	1.006	1.002	1.002	1.002	1.006
Hilltown Solar	HS1	GU	405090	BALTRASNA	110	-	-	-	-	-	1.011	1.008	1.008	1.011	1.011	1.011	1.011	1.008	1.008	1.008	1.011
Hortland Solar	HT1	GU	405100	DUNFIRTH	110	1.005	1.005	1.005	1.005	1.005	1.006	1.005	1.005	1.006	1.006	1.008	1.007	1.007	1.007	1.008	1.008
Gallanstown Solar	IA1	GU	405120	GALLANSTOWN	110	1.010	1.004	1.004	1.010	1.010	1.011	1.005	1.005	1.011	1.011	1.011	1.011	1.005	1.005	1.011	1.011
Kylemore BESS	IH1	GU	403630	INCHICORE	110	1.006	1.002	1.002	1.006	1.006	1.006	1.002	1.002	1.006	1.006	1.006	1.003	1.003	1.003	1.006	1.006
Indaver - Meath Waste - Generator	IW1	GU	401230	DRYBRIDG	110	1.008	1.008	1.008	1.008	1.008	1.009	1.009	1.009	1.009	1.009	1.011	1.010	1.010	1.010	1.011	1.011
Knockglass Solar	JG1	GU	405080	MACROOM	110	-	-	-	-	-	0.958	0.960	0.960	0.958	0.958	0.955	0.957	0.957	0.957	0.955	0.955
Knockacumner Wind Farm	KC1	GU	401770	GLENLARA W	110	0.958	0.962	0.962	0.958	0.958	0.956	0.958	0.958	0.956	0.956	0.953	0.956	0.956	0.956	0.953	0.953
Knockalassa Windfarm	KD1	GU	403940	SLIEVECALLAN	110	0.972	0.976	0.976	0.972	0.972	0.970	0.974	0.974	0.970	0.970	0.968	0.972	0.972	0.972	0.968	0.968
Killala Windfarm	KF1	GU	403750	TAWNAGHM	110	0.953	0.970	0.970	0.953	0.953	0.954	0.970	0.970	0.954	0.954	0.951	0.964	0.964	0.964	0.951	0.951
Killala Battery	KF2	GU	404550	TAWNAGHM	110	0.953	0.970	0.970	0.953	0.953	0.954	0.970	0.970	0.954	0.954	0.951	0.964	0.964	0.964	0.951	0.951
Dunneil Windfarm (Kingsmountain Phase 2)	KG2	GU	400021	CUNGHILL	110	0.976	0.975	0.975	0.976	0.976	0.976	0.980	0.980	0.976	0.976	0.967	0.980	0.980	0.980	0.967	0.967
Kingsmountain Generator Unit	KGM	GU	400020	CUNGHILL	110	0.976	0.975	0.975	0.976	0.976	0.976	0.980	0.980	0.976	0.976	0.967	0.980	0.980	0.980	0.967	0.967
Kill Hill Wind Farm Limited	KH1	GU	401780	KILL HILL	110	0.976	0.983	0.983	0.976	0.976	0.976	0.980	0.980	0.976	0.976	0.976	0.980	0.980	0.980	0.976	0.976
Cloghnaleskirt Windfarm	KI1	GU	402280	CLOGHBOO	110	0.965	0.968	0.968	0.965	0.965	0.963	0.965	0.965	0.963	0.963	0.961	0.963	0.963	0.963	0.961	0.961
Knock South Windfarm	KK1	GU	401140	GALLOWAY	110	0.978	0.982	0.982	0.978	0.978	0.977	0.981	0.981	0.977	0.977	0.975	0.979	0.979	0.979	0.975	0.975
Knocknagoum Windfarm Limited	KM1	GU	401350	REAMORE	110	0.964	0.970	0.970	0.964												

Market Participant	Unit ID	T Unit ID	SEMO	Transmission Station	kv	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	DECEMBER	DECEMBER	DECEMBER	DECEMBER
						CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4
						from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59
						Oct_CLAF_1	Oct_CLAF_2	Oct_CLAF_3	Oct_CLAF_4	Oct_CLAF_1	Nov_CLAF_1	Nov_CLAF_2	Nov_CLAF_3	Nov_CLAF_4	Nov_CLAF_1	Dec_CLAF_1	Dec_CLAF_2	Dec_CLAF_3	Dec_CLAF_4
Kilaveenoge 1 WF	KV1	GU	401950	DUNMANWAY	110	0.957	0.963	0.963	0.957	0.957	0.956	0.959	0.959	0.956	0.956	0.954	0.957	0.957	0.954
Knockawarriga 1 Windfarm	KW1	GU	400630	TRIN	110	0.968	0.970	0.970	0.968	0.968	0.965	0.967	0.967	0.965	0.965	0.963	0.964	0.964	0.963
Knockawarriga 2 Windfarm	KW2	GU	404290	TRIN	110	0.966	0.970	0.970	0.966	0.966	0.964	0.967	0.967	0.964	0.964	0.962	0.965	0.965	0.962
Kelwin 1 Windfarm	KZ1	GU	402300	KILPADOGGE	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.965	0.965	0.964
Kelwin 3 Diesel Unit	KZ3	GU	403000	KILPADOGGE	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.965	0.965	0.964
Kelwin 4 Battery	KZ4	GU	404520	KILPADOGGE	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.965	0.965	0.964
Inniscarra (Lee unit 1) Generator Unit	LE1	GU	400280	INISCARR	110	0.964	0.967	0.967	0.964	0.964	0.962	0.962	0.962	0.962	0.962	0.960	0.959	0.959	0.960
Lee unit 2 Generator Unit	LE2	GU	400281	INISCARR	110	0.964	0.967	0.967	0.964	0.964	0.962	0.962	0.962	0.962	0.962	0.960	0.959	0.959	0.960
Carrigadrohid Generator Unit	LE3	GU	400290	CARRIGAD	110	0.960	0.964	0.964	0.960	0.960	0.958	0.960	0.960	0.958	0.958	0.956	0.958	0.958	0.956
Lisdrumdoagh BESS	LF1	GU	404900	LISDRUM	110	1.003	1.008	1.008	1.003	1.003	1.004	1.010	1.010	1.004	1.004	1.007	1.012	1.012	1.007
Leitir Guingaid Wind Farm phase 1	LG1	GU	401500	SALTHILL	110	0.978	0.982	0.982	0.978	0.978	0.977	0.981	0.981	0.977	0.977	0.975	0.979	0.979	0.975
Liffey 1 Generator Unit	LI1	GU	400250	POLLAPHU	110	0.991	0.989	0.989	0.991	0.991	0.993	0.985	0.985	0.993	0.993	0.993	0.985	0.985	0.993
Liffey 2 Generator Unit	LI2	GU	400251	POLLAPHU	110	0.991	0.989	0.989	0.991	0.991	0.993	0.985	0.985	0.993	0.993	0.993	0.985	0.985	0.993
Liffey 3 Hydro Unit	LI3	GU	401220	POLLAPHU	110	0.991	0.989	0.989	0.991	0.991	0.993	0.985	0.985	0.993	0.993	0.993	0.985	0.985	0.993
Liffey 4 Generator Unit	LI4	GU	400252	POLLAPHU	110	0.991	0.989	0.989	0.991	0.991	0.993	0.985	0.985	0.993	0.993	0.993	0.985	0.985	0.993
Liffey 5 Generator Unit	LI5	GU	400260	POLLAPHU	110	0.991	0.989	0.989	0.991	0.991	0.993	0.985	0.985	0.993	0.993	0.993	0.985	0.985	0.993
Leanamore Windfarm	LM1	GU	402210	KILPADOGGE	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.965	0.965	0.964
Lenalea Wind Farm	LL1	GU	405930	LENALEA	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lanesboro	LR4	GU	400240	LANESBOR	110	0.993	0.998	0.998	0.993	0.993	0.993	0.998	0.998	0.993	0.993	0.994	0.998	0.998	0.994
Lisheen 1 Windfarm	LS1	GU	400840	LISHEEN	110	0.972	0.980	0.980	0.972	0.972	0.972	0.979	0.979	0.972	0.972	0.972	0.978	0.978	0.972
Lisheen 2 Windfarm	LS2	GU	401750	LISHEEN	110	0.972	0.980	0.980	0.972	0.972	0.972	0.979	0.979	0.972	0.972	0.972	0.978	0.978	0.972
Lisheen 3 Windfarm	LS3	GU	404420	LISHEEN	110	-	-	-	-	-	0.972	0.979	0.979	0.972	0.972	0.972	0.978	0.978	0.972
Lumclon Battery 1	LU1	GU	404360	DERRYCARNY	110	0.989	0.993	0.993	0.989	0.989	0.989	0.992	0.992	0.989	0.989	0.990	0.993	0.993	0.990
Lumclon Battery 2	LU2	GU	404370	DERRYCARNY	110	0.989	0.993	0.993	0.989	0.989	0.989	0.992	0.992	0.989	0.989	0.990	0.993	0.993	0.990
Lissycahy Windfarm	LY1	GU	403950	BOOLIAG	110	0.968	0.972	0.972	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Mulreevy Windfarm	MB1	GU	401930	MULREAVY	110	0.969	0.977	0.977	0.969	0.969	0.970	0.978	0.978	0.970	0.970	0.971	0.978	0.978	0.971
Meenadreen South 2 Windfarm	MB2	GU	401920	MULREAVY	110	0.969	0.977	0.977	0.969	0.969	0.970	0.978	0.978	0.970	0.970	0.971	0.978	0.978	0.971
Airoshin Generator Unit	MC1	GU	405870	BINBANE	110	0.965	0.975	0.975	0.965	0.965	0.966	0.976	0.976	0.966	0.966	0.968	0.977	0.977	0.968
Meentycat Generator Unit	MCT	GU	400070	MEENTYCA	110	0.964	0.974	0.974	0.964	0.964	0.965	0.975	0.975	0.965	0.965	0.967	0.977	0.977	0.967
Monaincha Wind Farm	MH1	GU	401540	JKERRIN	110	0.981	0.988	0.988	0.981	0.981	0.982	0.986	0.986	0.982	0.982	0.982	0.986	0.986	0.982
Mountain Lodge Wind Farm	ML1	GU	400620	RATRUSSA	110	0.995	1.000	1.000	0.995	0.995	0.996	1.002	1.002	0.996	0.996	0.998	1.003	1.003	0.998
Magheramore Windfarm	MM1	GU	403400	DALTON	110	0.973	0.984	0.984	0.973	0.973	0.973	0.984	0.984	0.973	0.973	0.970	0.980	0.980	0.970
Moanmore Windfarm Generator Unit	MMR	GU	400970	TULLABRA	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.966	0.966	0.964
Mount Lucas Wind Farm Limited	MO1	GU	401690	MOUNTLUC	110	0.980	0.984	0.984	0.980	0.980	0.981	0.985	0.985	0.981	0.981	0.986	0.989	0.989	0.986
Moneypoint 1 Generator Unit	MP1	GU	400270	MNYPG1	400	0.974	0.975	0.975	0.974	0.974	0.971	0.972	0.972	0.971	0.971	0.970	0.970	0.970	0.970
Moneypoint 2 Generator Unit	MP2	GU	400271	MNYPG2	400	0.974	0.975	0.975	0.974	0.974	0.971	0.972	0.972	0.971	0.971	0.970	0.970	0.970	0.970
Moneypoint 3 Generator Unit	MP3	GU	400272	MNYPG3	400	0.974	0.975	0.975	0.974	0.974	0.971	0.972	0.972	0.971	0.971	0.970	0.970	0.970	0.970
Moneypoint Windfarm	MP9	GU	402080	MONEYPOINT	110	0.969	0.971	0.971	0.969	0.969	0.967	0.968	0.968	0.966	0.967	0.965	0.966	0.966	0.965
Mauricetown Windfarm	MR1	GU	403980	GLENLARA	110	0.966	0.973	0.973	0.966	0.966	0.965	0.970	0.970	0.965	0.965	0.963	0.968	0.968	0.963
Muingnaminnane Generator Unit	MU1	GU	400960	TRALEE	110	0.965	0.971	0.971	0.965	0.965	0.963	0.968	0.968	0.963	0.963	0.961	0.965	0.965	0.961
Raheen Barr Gen Unit	MXE	GU	403740	CASTLEBA	110	0.970	0.983	0.983	0.970	0.970	0.971	0.983	0.983	0.971	0.967	0.979	0.979	0.967	
Gillinstown Solar	NB1	GU	405190	GARBALLAGH	110	-	-	-	-	-	1.010	1.010	1.010	1.010	1.010	1.011	1.011	1.011	1.011
Cloghan Windfarm	NC1	GU	405160	DERRYCARNY	110	-	-	-	-	-	0.989	0.992	0.992	0.989	0.989	0.990	0.993	0.993	0.990
Blundelstown Solar	NA1	GU	405900	BLUNDELSTOWN	110	1.011	1.005	1.005	1.011	1.011	1.011	1.006	1.006	1.011	1.011	1.011	1.007	1.007	1.011
North Wall 5 Generator Unit	NW5	GU	400311	NORTH WA	220	1.007	1.003	1.003	1.007	1.007	1.007	1.003	1.003	1.007	1.007	1.007	1.003	1.003	1.007
Meenbog PPM	OA1	GU	404930	CLOGHER	110	0.970	0.978	0.978	0.970	0.970	0.971	0.978	0.978	0.971	0.971	0.972	0.979	0.979	0.972
Gorey BESS	OD1	GU	404540	BANOGE	110	0.989	0.990	0.990	0.989	0.989	0.991	0.989	0.989	0.991	0.991	0.990	0.989	0.989	0.990
Cloncreen Windfarm	OE1	GU	405140	CUSHALING	110	0.977	0.984	0.984	0.977	0.977	0.979	0.984	0.984	0.979	0.979	0.984	0.989	0.989	0.984
Coolegrean Windfarm	OG1	GU	403920	CORDAL	110	0.961	0.965	0.965	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.957	0.959	0.959	0.957
Oweninney Windfarm	OY1	GU	403760	BELLACOR	110	0.953	0.967	0.967	0.953	0.953	0.954	0.969	0.969	0.954	0.954	0.949	0.963	0.963	0.949
Oweninney Windfarm 2	OY2	GU	405130	BELLACORICK	110	0.953	0.967	0.967	0.953	0.953	0.954	0.969	0.969	0.954	0.954	0.949	0.963	0.963	0.949
Shellybanks PBA	PBA	GU	400324	SHELLYBA	220	1.005	1.001	1.001	1.005	1.005	1.006	1.002	1.002	1.006	1.006	1.006	1.002	1.002	1.006
Shellybanks PBB	PBB	GU	400325	SHELLYBA	220	1.005	1.001	1.001	1.005	1.005	1.006	1.002	1.002	1.006	1.006	1.006	1.002	1.002	1.006
Poolbeg BESS	PBB	GU	403660	SHELLYBANKS	220	1.005													

Market Participant	Unit IDT	Unit IDSEMO	Transmission Station	kV	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	NOVEMBER	DECEMBER	DECEMBER	DECEMBER	DECEMBER
					CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4
					from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	
					Oct_CLAF_1	Oct_CLAF_2	Oct_CLAF_3	Oct_CLAF_4	Oct_CLAF_1	Nov_CLAF_1	Nov_CLAF_2	Nov_CLAF_3	Nov_CLAF_4	Nov_CLAF_1	Dec_CLAF_1	Dec_CLAF_2	Dec_CLAF_3	Dec_CLAF_4
Raheenleagh	RL1	GU_401940	ARKLOW	110	0.995	0.994	0.994	0.995	0.995	0.996	0.993	0.993	0.996	0.996	0.995	0.993	0.993	0.993
Rosspile Solar	RO1	GU_405150	WEXFORD	110	0.981	0.985	0.985	0.981	0.981	0.983	0.984	0.984	0.983	0.983	0.982	0.983	0.983	0.982
Rhode Peaking 1 Generator Unit	RP1	GU_400770	DERRYIRO	110	1.002	1.002	1.002	1.002	1.002	1.003	1.002	1.002	1.003	1.003	1.004	1.004	1.004	1.004
Rhode Peaking 2 Generator Unit	RP2	GU_400771	DERRYIRO	110	1.002	1.002	1.002	1.002	1.002	1.003	1.002	1.002	1.003	1.003	1.004	1.004	1.004	1.004
Raragh 2 Windfarm	RR2	GU_403970	MEATH HI	110	1.003	1.005	1.005	1.003	1.003	1.004	1.007	1.007	1.004	1.004	1.006	1.008	1.008	1.006
Sliabh Bawn Windfarm	SB1	GU_401900	SLIABH BAWN	110	0.989	0.993	0.993	0.989	0.989	0.989	0.993	0.993	0.989	0.989	0.990	0.993	0.993	0.990
Sorrell Island 1 Windfarm	SF1	GU_403800	BOOLTIAG	110	0.968	0.972	0.972	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Sorrell Island 2 Windfarm	SF2	GU_404480	BOOLTIAG	110	0.968	0.972	0.972	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.964	0.967	0.967	0.964
Shannonbridge ESS A-1	SI1	GU_404380	SHANNONBRIDG	110	0.989	0.993	0.993	0.989	0.989	0.989	0.991	0.991	0.989	0.989	0.989	0.991	0.991	0.989
Shannonbridge ESS A-2	SI2	GU_404390	SHANNONBRIDG	110	0.989	0.993	0.993	0.989	0.989	0.989	0.991	0.991	0.989	0.989	0.989	0.991	0.991	0.989
Sealrock 3 Generator Unit	SK3	GU_400120	AUGHINIS	110	0.959	0.963	0.963	0.959	0.959	0.957	0.960	0.960	0.957	0.957	0.954	0.957	0.957	0.954
Sealrock 4 Generator Unit	SK4	GU_400121	AUGHINIS	110	0.959	0.963	0.963	0.959	0.959	0.957	0.960	0.960	0.957	0.957	0.954	0.957	0.957	0.954
Slieveragh Power Ltd (Wind Unit)	SL1	GU_400671	TIPPERAR	110	0.973	0.979	0.979	0.973	0.973	0.972	0.976	0.976	0.972	0.972	0.971	0.975	0.975	0.971
Slieveragh Power Phase II	SL2	GU_401460	TIPPERAR	110	0.973	0.979	0.979	0.973	0.973	0.972	0.976	0.976	0.972	0.972	0.971	0.975	0.975	0.971
Sorne Hill Generator Unit	SN1	GU_400550	TRILLICK	110	0.957	0.971	0.971	0.957	0.957	0.959	0.973	0.973	0.959	0.959	0.962	0.975	0.975	0.962
Seecon Windfarm	SO1	GU_401990	UGGDOOL	110	0.975	0.979	0.979	0.975	0.975	0.974	0.978	0.978	0.974	0.974	0.972	0.976	0.976	0.972
Scartaglen 1 Windfarm	ST1	GU_402250	CORDAL	110	0.961	0.965	0.965	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.957	0.959	0.959	0.957
Scartaglen 2 Windfarm	ST2	GU_402260	CORDAL	110	0.961	0.965	0.965	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.957	0.959	0.959	0.957
Tarbert 1 Generator Unit	TB1	GU_400750	TARBERT	110	0.970	0.972	0.972	0.970	0.970	0.968	0.969	0.969	0.968	0.968	0.966	0.966	0.966	0.966
Tarbert 2 Generator Unit	TB2	GU_400751	TARBERT	110	0.970	0.972	0.972	0.970	0.970	0.968	0.969	0.969	0.968	0.968	0.966	0.966	0.966	0.966
Tarbert 3 Generator Unit	TB3	GU_400752	TARBERT	220	0.970	0.972	0.972	0.970	0.970	0.968	0.969	0.969	0.968	0.968	0.966	0.966	0.966	0.966
Tarbert 4 Generator Unit	TB4	GU_400753	TARBERT	220	0.970	0.972	0.972	0.970	0.970	0.968	0.969	0.969	0.968	0.968	0.966	0.966	0.966	0.966
Turlough Hill 1 Generator Unit	TH1	GU_400360	TURLOUGH	220	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	0.995
Turlough Hill 2 Generator Unit	TH2	GU_400361	TURLOUGH	220	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	0.995
Turlough Hill 3 Generator Unit	TH3	GU_400362	TURLOUGH	220	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	0.995
Turlough Hill 4 Generator Unit	TH4	GU_400363	TURLOUGH	220	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	1.002	1.002	1.002	0.995	0.995	0.995
Tullabrack Wind Farm	TK1	GU_402050	TULLABRA	110	0.969	0.971	0.971	0.969	0.969	0.966	0.968	0.968	0.966	0.966	0.964	0.966	0.966	0.964
Tullynamoyle Windfarm 2	TM2	GU_402160	CORDERRY	110	0.978	0.984	0.984	0.978	0.978	0.978	0.985	0.985	0.978	0.978	0.979	0.984	0.984	0.979
Tullynamoyle 3 Windfarm	TM3	GU_402200	CORDERRY	110	0.978	0.984	0.984	0.978	0.978	0.978	0.985	0.985	0.978	0.978	0.979	0.984	0.984	0.979
Tournafulla Generatot Unit	TN2	GU_400600	TRIEN	110	0.968	0.970	0.970	0.968	0.968	0.965	0.967	0.967	0.965	0.965	0.963	0.964	0.964	0.963
Tawnaghmore Peaking 1 Generator Unit	TP1	GU_400780	MOY	110	0.953	0.970	0.970	0.953	0.953	0.954	0.970	0.970	0.954	0.954	0.951	0.964	0.964	0.951
Tawnaghmore Peaking 3 Generator Unit	TP3	GU_400781	MOY	110	0.953	0.970	0.970	0.953	0.953	0.954	0.970	0.970	0.954	0.954	0.951	0.964	0.964	0.951
Taurbeg Wind Farm	TR1	GU_404990	GLENLARA	110	0.966	0.973	0.973	0.966	0.966	0.965	0.970	0.970	0.965	0.965	0.963	0.968	0.968	0.963
Tursillagh Windfarm	TUR	GU_403830	TRALEE	110	0.965	0.971	0.971	0.965	0.965	0.965	0.968	0.968	0.963	0.963	0.961	0.965	0.965	0.961
Tynagh Generator Unit	TYC	GU_400530	TYNAGH	220	0.983	0.982	0.982	0.983	0.983	0.982	0.981	0.981	0.982	0.982	0.980	0.980	0.980	0.980
Ardderrow (Rockgrid) Windfarm	UF1	GU_405210	KNOCKRANNY	110	0.953	0.967	0.967	0.953	0.953	0.954	0.969	0.969	0.954	0.954	0.949	0.963	0.963	0.949
Uggool Wind Farm	UG1	GU_401960	UGGDOOL	110	0.975	0.979	0.979	0.975	0.975	0.974	0.978	0.978	0.974	0.974	0.972	0.976	0.976	0.972
Taghart Windfarm	VB1	GU_405110	MEATH HILL	110	1.003	1.005	1.005	1.003	1.003	1.004	1.007	1.007	1.004	1.004	1.006	1.008	1.008	1.006
Whitegate Generator Unit	WG1	GU_400930	GLANAGOW	220	0.961	0.964	0.964	0.961	0.961	0.960	0.959	0.959	0.960	0.960	0.957	0.956	0.956	0.957
Shannonbridge Generator Unit	WO4	GU_400370	SHANNONB	110	0.989	0.993	0.993	0.989	0.989	0.989	0.991	0.991	0.989	0.989	0.989	0.991	0.991	0.989
Woodhouse Wind Farm	WS1	GU_401680	WOODHOUS	110	0.970	0.974	0.974	0.970	0.970	0.970	0.971	0.971	0.970	0.970	0.968	0.969	0.969	0.968
Carrigdangan Windfarm	XA1	GU_404330	CARRIGDANGAN	110	0.954	0.960	0.960	0.954	0.954	0.953	0.956	0.956	0.953	0.953	0.951	0.954	0.954	0.951
Black Lough WFPS	XL1	GU_403990	GLENREE	110	0.956	0.971	0.971	0.956	0.956	0.957	0.971	0.971	0.957	0.957	0.955	0.967	0.967	0.955
Carrowleagh Windfarm	XR1	GU_401280	GLENREE	110	0.956	0.971	0.971	0.956	0.956	0.957	0.971	0.971	0.957	0.957	0.955	0.967	0.967	0.955
Beenanaspuck and Tobertoreen Windfarm	XT1	GU_404000	ATHEA	110	0.967	0.970	0.970	0.967	0.967	0.965	0.967	0.967	0.965	0.965	0.963	0.964	0.964	0.963
Beenanaspuck and Tobertoreen Battery	XT2	GU_404010	ATHEA	110	0.967	0.970	0.970	0.967	0.967	0.965	0.967	0.967	0.965	0.965	0.963	0.964	0.964	0.963
Cronalaght 2	YC2	GU_403840	TIEVEBRA	110	0.967	0.977	0.977	0.967	0.967	0.968	0.978	0.978	0.968	0.968	0.970	0.979	0.979	0.970
Ballycumber Windfarm	YR1	GU_404460	ARKLOW	110	0.995	0.994	0.994	0.995	0.995	0.996	0.993	0.993	0.996	0.996	0.995	0.993	0.993	0.995
Cleanrath	YT1	GU_403810	COOMAGEA	110	0.957	0.961	0.961	0.957	0.957	0.955	0.957	0.957	0.955	0.955	0.953	0.955	0.955	0.953
Cloghervaddy 2 Windfarm	YV2	GU_404630	BINBANE	110	0.965	0.975	0.975	0.965	0.965	0.966	0.976	0.976	0.966	0.966	0.968	0.977	0.977	0.968

2022/2023 SINGLE ELECTRICITY MARKET COMBINED LOSS ADJUSTMENT FACTORS			DECEMBER	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	MARCH	MARCH	MARCH	MARCH	MARCH
Market Participant	Unit IDT Unit IDSEMO		CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	
			from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	
			Dec_CLAF_1	Jan_CLAF_1	Jan_CLAF_2	Jan_CLAF_3	Jan_CLAF_4	Jan_CLAF_1	Feb_CLAF_1	Feb_CLAF_2	Feb_CLAF_3	Feb_CLAF_4	Feb_CLAF_1	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	Mar_CLAF_4	Mar_CLAF_1	
Ardnacrusa 1 Generator Unit	AA1	GU_400200	0.967	0.968	0.969	0.969	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.977	0.976	0.976	0.977	0.977	
Ardnacrusa 2 Generator Unit	AA2	GU_400201	0.967	0.968	0.969	0.969	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.977	0.976	0.976	0.977	0.977	
Ardnacrusa 3 Generator Unit	AA3	GU_400202	0.967	0.968	0.969	0.969	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.977	0.976	0.976	0.977	0.977	
Ardnacrusa 4 Generator Unit	AA4	GU_400203	0.967	0.968	0.969	0.969	0.968	0.968	0.966	0.969	0.969	0.966	0.966	0.977	0.976	0.976	0.977	0.977	
Cnoc Windfarms	AC1	GU_401670	0.977	0.978	0.983	0.983	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.982	0.985	0.985	0.982	0.982	
Aghada 2 Generator Unit	AD2	GU_400850	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	
Aghada BESS	AD3	GU_403560	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	
Athea Wind Farm	AH1	GU_401380	0.963	0.963	0.964	0.964	0.963	0.963	0.961	0.963	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	
Carrickallen Windfarm	AL1	GU_402220	1.001	1.000	1.006	1.006	1.000	1.000	1.002	1.007	1.007	1.002	1.002	0.998	1.004	1.004	0.998	0.998	
Arthurstown 1(ESB) Generator Unit	AR2	GU_400570	1.007	1.007	1.006	1.006	1.007	1.007	1.006	1.005	1.005	1.006	1.006	1.005	1.005	1.005	1.005	1.005	
ESB Arklow Bank	ARB	GU_401020	0.995	0.996	0.994	0.994	0.996	0.996	0.995	0.993	0.993	0.995	0.995	0.996	0.994	0.994	0.996	0.996	
Acres Windfarm	AS1	GU_401820	0.977	0.976	0.980	0.980	0.975	0.975	0.979	0.982	0.982	0.979	0.979	0.977	0.981	0.981	0.977	0.977	
AGHADA CT11 Generator Unit	AT1	GU_400181	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	
AGHADA CT12 Generator Unit	AT2	GU_400182	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	
AGHADA CT14 Generator Unit	AT4	GU_400183	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	
Avonbeg BESS	AV1	GU_404530	0.985	0.986	0.985	0.985	0.986	0.986	0.984	0.984	0.984	0.984	0.984	0.988	0.986	0.986	0.988	0.988	
Ballybane Generator Unit	BA1	GU_400650	0.947	0.949	0.954	0.954	0.949	0.949	0.946	0.954	0.954	0.946	0.946	0.955	0.960	0.960	0.955	0.955	
Ballybane Wind Farm Phase 2	BA2	GU_401790	0.947	0.949	0.954	0.954	0.949	0.949	0.946	0.954	0.954	0.946	0.946	0.955	0.960	0.960	0.955	0.955	
Ballybane Wind Farm Phase 3	BA3	GU_402010	0.947	0.949	0.954	0.954	0.949	0.949	0.946	0.954	0.954	0.946	0.946	0.955	0.960	0.960	0.955	0.955	
Ballinacollig Hill Generator Unit	BCW	GU_401000	0.961	0.962	0.966	0.966	0.962	0.962	0.960	0.965	0.965	0.960	0.960	0.968	0.971	0.971	0.968	0.968	
Bindoo Generator Unit	BD1	GU_400050	0.998	0.997	1.002	1.002	0.997	0.997	0.999	1.003	1.003	0.999	0.999	0.995	1.000	1.000	0.995	0.995	
Barranafaddock Windfarm	BF1	GU_401810	0.964	0.966	0.968	0.968	0.966	0.966	0.963	0.967	0.967	0.963	0.963	0.973	0.974	0.974	0.973	0.973	
Boggeragh Windfarm Generator Unit	BG1	GU_400910	0.951	0.952	0.955	0.955	0.952	0.952	0.949	0.954	0.954	0.949	0.949	0.959	0.961	0.961	0.959	0.959	
Boggeragh 2 Windfarm	BG2	GU_401840	0.951	0.952	0.955	0.955	0.952	0.952	0.949	0.954	0.954	0.949	0.949	0.959	0.961	0.961	0.959	0.959	
Boolyneagelagh Windfarm	BJ1	GU_403770	0.968	0.969	0.972	0.972	0.969	0.969	0.967	0.971	0.971	0.967	0.967	0.974	0.976	0.976	0.974	0.974	
Beam Hill Wind Farm	BM1	GU_404560	0.962	0.960	0.973	0.973	0.960	0.960	0.964	0.975	0.975	0.964	0.964	0.960	0.972	0.972	0.960	0.960	
Bawnmore Windfarm	BN1	GU_401150	0.955	0.957	0.958	0.958	0.957	0.957	0.954	0.958	0.958	0.954	0.954	0.964	0.965	0.965	0.964	0.964	
BRURIE HYDRO	BR1	GU_400670	0.964	0.965	0.968	0.968	0.965	0.965	0.962	0.968	0.968	0.962	0.962	0.972	0.974	0.974	0.972	0.972	
Ballybay	BS1	GU_402140	0.977	0.978	0.983	0.983	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.982	0.985	0.985	0.982	0.982	
Booltiagh Windfarm	BT1	GU_401720	0.964	0.965	0.967	0.967	0.965	0.965	0.962	0.966	0.966	0.962	0.962	0.970	0.971	0.971	0.970	0.970	
Booltiagh 2 Wind Farm	BT2	GU_401730	0.964	0.965	0.967	0.967	0.965	0.965	0.962	0.966	0.966	0.962	0.962	0.970	0.971	0.971	0.970	0.970	
Bruckana Wind Farm Limited	BU1	GU_401700	0.972	0.973	0.979	0.979	0.973	0.973	0.971	0.979	0.979	0.971	0.971	0.976	0.982	0.982	0.976	0.976	
Ballywater Generator Unit	BW1	GU_405890	0.985	0.986	0.985	0.985	0.986	0.986	0.984	0.984	0.984	0.984	0.984	0.988	0.986	0.986	0.988	0.988	
Ballymartin Wind Farm Phase 1	BX1	GU_401710	0.975	0.976	0.977	0.977	0.976	0.976	0.974	0.977	0.977	0.974	0.974	0.981	0.980	0.980	0.981	0.981	
Ballymartin Wind Farm Phase 2	BX2	GU_401760	0.975	0.976	0.977	0.977	0.976	0.976	0.974	0.977	0.977	0.974	0.974	0.981	0.980	0.980	0.981	0.981	
Ballycadden Wind Farm	BY1	GU_401290	0.984	0.985	0.984	0.984	0.985	0.985	0.983	0.983	0.983	0.983	0.983	0.987	0.985	0.985	0.987	0.987	
Ballycadden Wind Farm Phase 2	BY2	GU_401360	0.984	0.985	0.984	0.984	0.985	0.985	0.983	0.983	0.983	0.983	0.983	0.987	0.985	0.985	0.987	0.987	
Cark Wind Farm	CAR	GU_403900	0.972	0.971	0.980	0.980	0.971	0.971	0.975	0.983	0.983	0.975	0.975	0.971	0.980	0.980	0.971	0.971	
Carragannon Windfarm (Gen Unit)	CD1	GU_401070	0.951	0.952	0.955	0.955	0.952	0.952	0.949	0.954	0.954	0.949	0.949	0.959	0.961	0.961	0.959	0.959	
Coomagearlachy Generator Unit	CG1	GU_404210	0.954	0.955	0.959	0.959	0.955	0.955	0.952	0.958	0.958	0.952	0.952	0.962	0.964	0.964	0.962	0.962	
SWS Green Energy Gen Unit (Sillahertane)	CG2	GU_400730	0.954	0.955	0.959	0.959	0.955	0.955	0.952	0.958	0.958	0.952	0.952	0.962	0.964	0.964	0.962	0.962	
SWS Kilgarvan Ext Inchincoosh	CG3	GU_400731	0.954	0.955	0.959	0.959	0.955	0.955	0.952	0.958	0.958	0.952	0.952	0.962	0.964	0.964	0.962	0.962	
Pallas Generator Unit	CI1	GU_400660	0.961	0.962	0.964	0.964	0.962	0.962	0.959	0.963	0.963	0.959	0.959	0.967	0.969	0.969	0.967	0.967	
Clahane 2 Windfarm	CI2	GU_401980	0.961	0.962	0.964	0.964	0.962	0.962	0.959	0.963	0.963	0.959	0.959	0.967	0.969	0.969	0.967	0.967	
Castledockrell Windfarm (Gen Unit)	CK1	GU_403390	0.984	0.985	0.984	0.984	0.985	0.985	0.983	0.983	0.983	0.983	0.983	0.987	0.985	0.985	0.987	0.987	
Cloghboola Wind Farm	CL1	GU_401830	0.961	0.961	0.963	0.963	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.967	0.968	0.968	0.967	0.967	
Curraghmore Hydro Plant	CM1	GU_401200	0.947	0.949	0.954	0.954	0.949	0.949	0.946	0.954	0.954	0.946	0.946	0.955	0.960	0.960	0.955	0.955	
Carnsore Point Generator Unit	CNS	GU_400470	0.982	0.983	0.984	0.984	0.983	0.983	0.981	0.984	0.984	0.981	0.981	0.986	0.986	0.986	0.986	0.986	
Cappawhite	CP1	GU_402150	0.967	0.968	0.972	0.972	0.968	0.968	0.966	0.971	0.971	0.966	0.966	0.974	0.976	0.976	0.974	0.974	
Cappawhite B Windfarm	CP3	GU_402340	0.967	0.968	0.972	0.972	0.968	0.968	0.966	0.971	0.971	0.966	0.966	0.974	0.976	0.976	0.974	0.974	
Clady Generating Station	CU1	GU_401190	0.968	0.966	0.975	0.975	0.966	0.966	0.970	0.978	0.978	0.970	0.970	0.967	0.976	0.976	0.967	0.967	
Cullagh Generator Unit	CUH	GU_400030	0.972	0.971	0.980	0.980	0.971	0.971	0.975	0.983	0.983	0.975	0.975	0.971	0.980	0.980	0.971	0.971	
Coomacheo Generator Unit	CZ1	GU_400591	0.955	0.956	0.958	0.958	0.956	0.956	0.953	0.957	0.957	0.953	0.953	0.963	0.964	0.964	0.963	0.963	
Glanaraddy 1 Windfarm	DA1	GU_404490	0.961	0.961	0.963	0.963	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.967	0.968	0.968	0.967	0.967	

Market Participant	Unit IDT Unit IDSEMO		DECEMBER	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	MARCH	MARCH	MARCH	MARCH	MARCH			
			CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_3	CLAF_4	CLAF_1
			from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59
		Dec_CLAF_1	Jan_CLAF_1	Jan_CLAF_2	Jan_CLAF_3	Jan_CLAF_4	Jan_CLAF_1	Feb_CLAF_1	Feb_CLAF_2	Feb_CLAF_3	Feb_CLAF_4	Feb_CLAF_1	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	Mar_CLAF_4	Mar_CLAF_1	Mar_CLAF_1	Mar_CLAF_3	Mar_CLAF_4	Mar_CLAF_1	
Glanaruddery 2 Windfarm	DA2	GU 404500	0.961	0.961	0.963	0.963	0.961	0.961	0.959	0.962	0.962	0.959	0.959	0.964	0.968	0.967	0.967	0.967	0.967	0.967	0.967	
Dublin Bay Generator Unit	DB1	GU 400500	1.006	1.007	1.003	1.003	1.007	1.007	1.006	1.002	1.002	1.006	1.006	1.005	1.001	1.001	1.001	1.005	1.005	1.005	1.005	
Cordal 1 Windfarm	DL1	GU 402110	0.957	0.958	0.960	0.960	0.958	0.958	0.955	0.959	0.959	0.955	0.955	0.964	0.965	0.965	0.964	0.964	0.964	0.964	0.964	
Cordal 2 Windfarm	DL2	GU 402130	0.957	0.958	0.960	0.960	0.958	0.958	0.955	0.959	0.959	0.955	0.955	0.964	0.965	0.965	0.964	0.964	0.964	0.964	0.964	
Dromada Windfarm Generator Unit	DR1	GU 400920	0.963	0.963	0.964	0.964	0.963	0.963	0.961	0.963	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	0.969	0.969	0.969	
Derrysallagh Windfarm	DS1	GU 403820	0.978	0.978	0.982	0.982	0.978	0.978	0.979	0.982	0.982	0.979	0.979	0.977	0.983	0.983	0.983	0.977	0.977	0.977	0.977	
Dromdeveen Windfarm	DV1	GU 401240	0.955	0.956	0.958	0.958	0.956	0.956	0.953	0.958	0.958	0.953	0.953	0.962	0.964	0.964	0.964	0.962	0.962	0.962	0.962	
Dublin Waste to Energy	DW1	GU 402030	1.007	1.008	1.004	1.004	1.008	1.008	1.007	1.003	1.003	1.007	1.007	1.006	1.003	1.003	1.006	1.006	1.006	1.006	1.006	
Derrybrien Wind Farm	DY1	GU 401440	0.970	0.970	0.973	0.973	0.970	0.970	0.969	0.972	0.972	0.969	0.969	0.973	0.975	0.975	0.975	0.973	0.973	0.973	0.973	
Edenderry Power Supply	ED1	GU 401860	0.984	0.981	0.986	0.986	0.981	0.981	0.979	0.985	0.985	0.979	0.979	0.979	0.984	0.984	0.984	0.979	0.979	0.979	0.979	
Cushaling Power PPMG1	ED3	GU 401010	0.984	0.981	0.986	0.986	0.981	0.981	0.979	0.985	0.985	0.979	0.979	0.979	0.984	0.984	0.984	0.979	0.979	0.979	0.979	
Cushaling Power PPMG2	ED5	GU 401011	0.984	0.981	0.986	0.986	0.981	0.981	0.979	0.985	0.985	0.979	0.979	0.979	0.984	0.984	0.984	0.979	0.979	0.979	0.979	
Erne 1 Generator Unit	ER1	GU 400210	0.976	0.974	0.979	0.979	0.974	0.974	0.979	0.982	0.982	0.979	0.979	0.977	0.981	0.981	0.981	0.977	0.977	0.977	0.977	
Erne 2 Generator Unit	ER2	GU 400211	0.976	0.974	0.979	0.979	0.974	0.974	0.979	0.982	0.982	0.979	0.979	0.977	0.981	0.981	0.981	0.977	0.977	0.977	0.977	
Erne 3 Generator Unit	ER3	GU 400220	0.977	0.975	0.980	0.980	0.975	0.975	0.979	0.982	0.982	0.979	0.979	0.977	0.981	0.981	0.981	0.977	0.977	0.977	0.977	
Erne 4 Generator Unit	ER4	GU 400221	0.977	0.975	0.980	0.980	0.975	0.975	0.979	0.982	0.982	0.979	0.979	0.977	0.981	0.981	0.981	0.977	0.977	0.977	0.977	
Esk Windfarm	ES1	GU 404340	0.951	0.952	0.955	0.955	0.952	0.952	0.949	0.954	0.954	0.949	0.949	0.959	0.961	0.961	0.959	0.959	0.959	0.959	0.959	
EWIC	EW1	I ROIEWIC	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	
Gartaneane Generator Unit	GA2	GU 400041	1.006	1.005	1.008	1.008	1.005	1.005	1.007	1.008	1.008	1.007	1.007	1.002	1.005	1.005	1.005	1.002	1.002	1.002	1.002	
Grousemount Windfarm	GD1	GU 403790	0.954	0.954	0.955	0.955	0.954	0.954	0.951	0.955	0.955	0.951	0.951	0.960	0.961	0.961	0.960	0.960	0.960	0.960	0.960	
Gortahale Windfarm Ltd Generator Unit	GE1	GU 401060	0.990	0.991	0.989	0.989	0.991	0.991	0.989	0.989	0.989	0.989	0.989	0.993	0.991	0.991	0.993	0.993	0.993	0.993	0.993	
Gorman BESS	GF1	GU 404260	1.007	1.007	1.007	1.007	1.007	1.007	1.008	1.007	1.007	1.008	1.008	1.004	1.005	1.005	1.004	1.004	1.004	1.004	1.004	
Garvagh Glebe Generator Unit	GH1	GU 400950	0.978	0.978	0.982	0.982	0.978	0.978	0.979	0.982	0.982	0.979	0.979	0.977	0.983	0.983	0.977	0.977	0.977	0.977	0.977	
Tullynahaw Generator Unit	GH2	GU 400940	0.978	0.978	0.982	0.982	0.978	0.978	0.979	0.982	0.982	0.979	0.979	0.977	0.983	0.983	0.977	0.977	0.977	0.977	0.977	
Great Island CCGT	GI4	GU 400762	0.974	0.975	0.975	0.975	0.975	0.975	0.973	0.974	0.974	0.974	0.973	0.973	0.979	0.978	0.978	0.979	0.979	0.979	0.979	
Bunnyconnellan Windfarm	GJ1	GU 403880	0.955	0.954	0.966	0.966	0.954	0.954	0.955	0.966	0.966	0.955	0.955	0.962	0.965	0.965	0.962	0.962	0.962	0.962	0.962	
Midas Generator Unit	GLC	GU 400060	0.954	0.955	0.957	0.957	0.955	0.955	0.952	0.957	0.957	0.952	0.952	0.961	0.963	0.963	0.961	0.961	0.961	0.961	0.961	
Garraclum Wind Farm Ltd	GM1	GU 401740	0.967	0.968	0.972	0.972	0.968	0.968	0.966	0.971	0.971	0.966	0.966	0.974	0.976	0.976	0.974	0.974	0.974	0.974	0.974	
Barnesmore (Golagh) Windfarm	GO1	GU 404450	0.972	0.970	0.977	0.977	0.970	0.970	0.974	0.980	0.980	0.974	0.974	0.972	0.978	0.978	0.978	0.972	0.972	0.972	0.972	
Golagh BESS	GO2	GU 404270	0.972	0.970	0.977	0.977	0.970	0.970	0.974	0.980	0.980	0.974	0.974	0.972	0.978	0.978	0.978	0.972	0.972	0.972	0.972	
Gardnershill Battery	GP1	GU 404510	1.006	1.007	1.003	1.003	1.007	1.007	1.007	1.002	1.002	1.002	1.007	1.007	1.005	1.002	1.002	1.002	1.005	1.005	1.005	
Grove Hill Windfarm	GR1	GU 401890	1.008	1.007	1.010	1.010	1.007	1.007	1.009	1.011	1.011	1.009	1.009	1.004	1.007	1.007	1.004	1.004	1.004	1.004	1.004	
Gibbet Hill Windfarm	GT1	GU 401340	0.984	0.985	0.984	0.984	0.985	0.985	0.983	0.983	0.983	0.983	0.983	0.987	0.985	0.985	0.987	0.987	0.987	0.987	0.987	
Glenough Windfarm	GU1	GU 401250	0.967	0.968	0.972	0.972	0.968	0.968	0.966	0.971	0.971	0.966	0.966	0.974	0.976	0.976	0.974	0.974	0.974	0.974	0.974	
Grouselodge Windfarm (Gen Unit)	GW1	GU 401090	0.967	0.967	0.970	0.970	0.967	0.967	0.965	0.969	0.969	0.965	0.965	0.974	0.976	0.976	0.976	0.974	0.974	0.974	0.974	
Glencarbray Windfarm	GY1	GU 404470	0.967	0.968	0.972	0.972	0.968	0.968	0.966	0.971	0.971	0.966	0.966	0.974	0.976	0.976	0.976	0.974	0.974	0.974	0.974	
VPL Generation Unit	HN2	GU 400540	1.006	1.007	1.003	1.003	1.007	1.007	1.007	1.002	1.002	1.002	1.007	1.007	1.005	1.002	1.002	1.002	1.005	1.005	1.005	
HPC1 Generation Unit	HNC	GU 400480	1.006	1.007	1.003	1.003	1.007	1.007	1.007	1.002	1.002	1.002	1.007	1.007	1.005	1.002	1.002	1.002	1.005	1.005	1.005	
Hilltown Solar	HS1	GU 405090	1.011	1.012	1.009	1.009	1.012	1.012	1.012	1.008	1.008	1.012	1.012	1.009	1.007	1.007	1.009	1.009	1.009	1.009	1.009	
Hortland Solar	HT1	GU 405100	1.008	1.007	1.007	1.007	1.007	1.007	1.007	1.006	1.006	1.007	1.007	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	
Gallanstown Solar	IA1	GU 405120	1.011	1.011	1.006	1.006	1.011	1.011	1.011	1.005	1.005	1.011	1.011	1.009	1.004	1.004	1.009	1.009	1.009	1.009	1.009	
Kylemore BESS	IH1	GU 403630	1.006	1.007	1.003	1.003	1.007	1.007	1.006	1.002	1.002	1.006	1.006	1.005	1.002	1.002	1.002	1.005	1.005	1.005	1.005	
Indaver - Meath Waste - Generator	IW1	GU 401230	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.011	1.008	1.009	1.009	1.008	1.008	1.008	1.008	1.008	
Knockglass Solar	JG1	GU 405080	0.955	0.957	0.958	0.958	0.957	0.957	0.954	0.958	0.958	0.958	0.954	0.954	0.964	0.965	0.965	0.964	0.964	0.964	0.964	
Knockacumner Wind Farm	KC1	GU 401770	0.953	0.954	0.957	0.957	0.954	0.954	0.952	0.956	0.956	0.952	0.952	0.960	0.962	0.962	0.962	0.960	0.960	0.960	0.960	
Knockalassa Windfarm	KD1	GU 403940	0.968	0.969	0.972	0.972	0.969	0.969	0.971	0.971	0.971	0.967	0.967	0.974	0.976	0.976	0.974	0.974	0.974	0.974	0.974	
Killala Windfarm	KF1	GU 403750	0.951	0.951	0.964	0.964	0.951	0.951	0.951	0.964	0.964	0.951	0.951	0.949	0.964	0.964	0.964	0.949	0.949	0.949	0.949	
Killala Battery	KF2	GU 404550	0.951	0.951	0.964	0.964	0.951	0.951	0.951	0.964	0.964	0.951	0.951	0.949	0.964	0.964	0.964	0.949	0.949	0.949	0.949	
Dunneil Windfarm (Kingsmountain Phase 2)	KG2	GU 400021	0.967	0.967	0.980	0.980	0.967	0.967	0.967	0.968	0.968	0.968	0.968	0.973	0.976	0.976	0.976	0.973	0.973	0.973	0.973	
Kingsmountain Generator Unit	KGM	GU 400020	0.967	0.967	0.980	0.980	0.967	0.967	0.967	0.968	0.968	0.										

Market Participant	Unit IDT Unit IDSEMO		DECEMBER	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	MARCH	MARCH	MARCH	MARCH	MARCH		
			CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3
			from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59
		Dec_CLAF_1	Jan_CLAF_1	Jan_CLAF_2	Jan_CLAF_3	Jan_CLAF_4	Jan_CLAF_1	Feb_CLAF_1	Feb_CLAF_2	Feb_CLAF_3	Feb_CLAF_4	Feb_CLAF_1	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	Mar_CLAF_4	Mar_CLAF_1	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	
Kilaveenoge 1 WF	KV1	GU 401950	0.954	0.958	0.958	0.958	0.955	0.955	0.952	0.958	0.958	0.952	0.962	0.962	0.962	0.962	0.962	0.962	0.962	0.962	
Knockawarriga 1 Windfarm	KW1	GU 400630	0.963	0.964	0.964	0.964	0.964	0.964	0.964	0.961	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	0.969	0.969	
Knockawarriga 2 Windfarm	KW2	GU 404290	0.962	0.963	0.965	0.965	0.963	0.963	0.960	0.964	0.964	0.960	0.960	0.968	0.970	0.970	0.970	0.968	0.968	0.968	
Kelwin 1 Windfarm	KZ1	GU 402300	0.964	0.964	0.965	0.965	0.964	0.964	0.962	0.964	0.964	0.962	0.962	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Kelwin 3 Diesel Unit	KZ3	GU 403000	0.964	0.964	0.965	0.965	0.964	0.964	0.962	0.964	0.964	0.962	0.962	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Kelwin 4 Battery	KZ4	GU 404520	0.964	0.964	0.965	0.965	0.964	0.964	0.962	0.964	0.964	0.962	0.962	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Inniscarra (Lee unit 1) Generator Unit	LE1	GU 400280	0.960	0.961	0.961	0.961	0.961	0.961	0.958	0.961	0.961	0.958	0.958	0.969	0.968	0.968	0.968	0.969	0.969	0.969	
Lee unit 2 Generator Unit	LE2	GU 400281	0.960	0.961	0.961	0.961	0.961	0.961	0.958	0.961	0.961	0.958	0.958	0.969	0.968	0.968	0.968	0.969	0.969	0.969	
Carrigadrohid Generator Unit	LE3	GU 400290	0.956	0.957	0.959	0.959	0.957	0.957	0.954	0.958	0.958	0.954	0.954	0.964	0.965	0.965	0.965	0.964	0.964	0.964	
Lisdrumdoagh BESS	LF1	GU 404900	1.006	1.006	1.011	1.011	1.006	1.006	1.008	1.012	1.012	1.012	1.008	1.008	1.003	1.008	1.008	1.003	1.003	1.003	
Leitir Guingaid Wind Farm phase 1	LG1	GU 401500	0.975	0.975	0.979	0.979	0.975	0.975	0.973	0.977	0.977	0.973	0.973	0.977	0.980	0.980	0.980	0.977	0.977	0.977	
Liffey 1 Generator Unit	LI1	GU 400250	0.993	0.995	0.986	0.986	0.995	0.995	0.992	0.986	0.986	0.992	0.992	0.996	0.991	0.991	0.991	0.996	0.996	0.996	
Liffey 2 Generator Unit	LI2	GU 400251	0.993	0.995	0.986	0.986	0.995	0.995	0.992	0.986	0.986	0.992	0.992	0.996	0.991	0.991	0.991	0.996	0.996	0.996	
Liffey 3 Hydro Unit	LI3	GU 401220	0.993	0.995	0.986	0.986	0.995	0.995	0.992	0.986	0.986	0.992	0.992	0.996	0.991	0.991	0.991	0.996	0.996	0.996	
Liffey 4 Generator Unit	LI4	GU 400252	0.993	0.995	0.986	0.986	0.995	0.995	0.992	0.986	0.986	0.992	0.992	0.996	0.991	0.991	0.991	0.996	0.996	0.996	
Liffey 5 Generator Unit	LI5	GU 400260	0.993	0.995	0.986	0.986	0.995	0.995	0.992	0.986	0.986	0.992	0.992	0.996	0.991	0.991	0.991	0.996	0.996	0.996	
Leanamore Windfarm	LM1	GU 402210	0.964	0.964	0.965	0.965	0.964	0.964	0.962	0.964	0.964	0.962	0.962	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Lenalea Wind Farm	LL1	GU 405930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lanesboro	LR4	GU 400240	0.994	0.994	0.998	0.998	0.994	0.994	0.994	0.998	0.998	0.994	0.994	0.994	0.998	0.998	0.998	0.994	0.994	0.994	
Lisheen 1 Windfarm	LS1	GU 400840	0.973	0.973	0.979	0.979	0.973	0.973	0.971	0.979	0.979	0.971	0.971	0.976	0.982	0.982	0.982	0.976	0.976	0.976	
Lisheen 2 Windfarm	LS2	GU 401750	0.972	0.973	0.979	0.979	0.973	0.973	0.971	0.979	0.979	0.971	0.971	0.976	0.982	0.982	0.982	0.976	0.976	0.976	
Lisheen 3 Windfarm	LS3	GU 404420	0.972	0.973	0.979	0.979	0.973	0.973	0.971	0.979	0.979	0.971	0.971	0.976	0.982	0.982	0.982	0.976	0.976	0.976	
Lumcloon Battery 1	LU1	GU 404360	0.990	0.990	0.993	0.993	0.990	0.990	0.988	0.992	0.992	0.988	0.988	0.991	0.994	0.994	0.994	0.991	0.991	0.991	
Lumcloon Battery 2	LU2	GU 404370	0.990	0.990	0.993	0.993	0.990	0.990	0.988	0.992	0.992	0.988	0.988	0.991	0.994	0.994	0.994	0.991	0.991	0.991	
Lissacasey Windfarm	LY1	GU 403950	0.964	0.965	0.967	0.967	0.965	0.965	0.962	0.966	0.966	0.962	0.962	0.970	0.971	0.971	0.971	0.970	0.970	0.970	
Mulreevy Windfarm	MB1	GU 401930	0.971	0.970	0.977	0.977	0.970	0.970	0.974	0.979	0.979	0.974	0.974	0.971	0.978	0.978	0.978	0.971	0.971	0.971	
Meenadreen South 2 Windfarm	MB2	GU 401920	0.971	0.970	0.977	0.977	0.970	0.970	0.974	0.979	0.979	0.974	0.974	0.971	0.978	0.978	0.978	0.971	0.971	0.971	
Airoshin Generator Unit	MC1	GU 405870	0.968	0.966	0.975	0.975	0.966	0.966	0.970	0.978	0.978	0.970	0.970	0.967	0.976	0.976	0.976	0.967	0.967	0.967	
Meentycat Generator Unit	MCT	GU 400070	0.967	0.966	0.975	0.975	0.966	0.966	0.969	0.978	0.978	0.969	0.969	0.966	0.975	0.975	0.975	0.966	0.966	0.966	
Monaincha Wind Farm	MH1	GU 401540	0.982	0.982	0.987	0.987	0.982	0.982	0.981	0.986	0.986	0.981	0.981	0.985	0.989	0.989	0.989	0.985	0.985	0.985	
Mountain Lodge Wind Farm	ML1	GU 400620	0.998	0.997	1.002	1.002	0.997	0.997	0.999	1.003	1.003	0.999	0.999	0.995	1.000	1.000	1.000	0.995	0.995	0.995	
Magheramore Windfarm	MM1	GU 403400	0.970	0.970	0.980	0.980	0.970	0.970	0.969	0.979	0.979	0.969	0.969	0.971	0.980	0.980	0.980	0.971	0.971	0.971	
Moanmore Windfarm Generator Unit	MMR	GU 400970	0.964	0.965	0.966	0.966	0.965	0.965	0.962	0.965	0.965	0.962	0.962	0.970	0.971	0.971	0.971	0.970	0.970	0.970	
Mount Lucas Wind Farm Limited	MO1	GU 401690	0.986	0.983	0.987	0.987	0.983	0.983	0.982	0.985	0.985	0.982	0.982	0.981	0.985	0.985	0.985	0.981	0.981	0.981	
Moneypoint 1 Generator Unit	MP1	GU 400270	0.970	0.970	0.970	0.970	0.970	0.970	0.967	0.969	0.969	0.967	0.967	0.974	0.974	0.974	0.974	0.974	0.974	0.974	
Moneypoint 2 Generator Unit	MP2	GU 400271	0.970	0.970	0.970	0.970	0.970	0.970	0.967	0.969	0.969	0.967	0.967	0.974	0.974	0.974	0.974	0.974	0.974	0.974	
Moneypoint 3 Generator Unit	MP3	GU 400272	0.970	0.970	0.970	0.970	0.970	0.970	0.967	0.969	0.969	0.967	0.967	0.974	0.974	0.974	0.974	0.974	0.974	0.974	
Moneypoint Windfarm	MP9	GU 402080	0.965	0.965	0.966	0.966	0.965	0.965	0.962	0.965	0.965	0.962	0.962	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Mauricetown Windfarm	MR1	GU 403980	0.963	0.965	0.969	0.969	0.965	0.965	0.962	0.969	0.969	0.962	0.962	0.972	0.975	0.975	0.975	0.972	0.972	0.972	
Muingnaminnane Generator Unit	MU1	GU 400960	0.961	0.962	0.966	0.966	0.962	0.962	0.960	0.965	0.965	0.960	0.960	0.968	0.971	0.971	0.971	0.968	0.968	0.968	
Raheen Barr Gen Unit	MXE	GU 403740	0.967	0.967	0.979	0.979	0.967	0.967	0.966	0.978	0.978	0.966	0.966	0.967	0.979	0.979	0.979	0.967	0.967	0.967	
Gillinstown Solar	NB1	GU 405190	1.011	1.011	1.011	1.011	1.011	1.011	1.012	1.011	1.011	1.012	1.012	1.008	1.009	1.009	1.008	1.008	1.008	1.008	
Cloghan Windfarm	NC1	GU 405160	0.990	0.990	0.993	0.993	0.990	0.990	0.988	0.992	0.992	0.988	0.988	0.991	0.994	0.994	0.994	0.991	0.991	0.991	
Blundelstown Solar	NA1	GU 405900	1.011	1.012	1.007	1.007	1.012	1.012	1.012	1.006	1.006	1.012	1.012	1.010	1.005	1.005	1.005	1.010	1.010	1.010	
North Wall 5 Generator Unit	NW5	GU 400311	1.007	1.008	1.004	1.004	1.008	1.008	1.007	1.003	1.003	1.007	1.007	1.006	1.003	1.003	1.003	1.006	1.006	1.006	
Meenbog PPM	OA1	GU 404930	0.972	0.971	0.978	0.978	0.971	0.971	0.974	0.980	0.980	0.974	0.974	0.972	0.978	0.978	0.978	0.972	0.972	0.972	
Gorey BESS	OD1	GU 404540	0.990	0.991	0.990	0.990	0.991	0.991	0.989	0.989	0.989	0.989	0.989	0.992	0.990	0.990	0.990	0.992	0.992	0.992	
Cloncreen Windfarm	OE1	GU 405140	0.984	0.981	0.986	0															

Market Participant	Unit IDT	Unit IDSEMO	DECEMBER	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	JANUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	FEBRUARY	MARCH	MARCH	MARCH	MARCH	MARCH		
			CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1
			from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59
Dec_CLAF_1	Jan_CLAF_1	Jan_CLAF_2	Jan_CLAF_3	Jan_CLAF_4	Jan_CLAF_1	Feb_CLAF_1	Feb_CLAF_2	Feb_CLAF_3	Feb_CLAF_4	Feb_CLAF_1	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	Mar_CLAF_4	Mar_CLAF_1	Mar_CLAF_2	Mar_CLAF_3	Mar_CLAF_4			
Raheenleagh	RL1	GU 401940	0.995	0.996	0.994	0.994	0.996	0.996	0.996	0.995	0.993	0.995	0.995	0.995	0.996	0.994	0.996	0.996	0.996	0.996	
Rosspile Solar	R01	GU 405150	0.982	0.983	0.984	0.984	0.984	0.983	0.983	0.981	0.984	0.981	0.981	0.986	0.986	0.986	0.986	0.986	0.986	0.986	
Rhode Peaking 1 Generator Unit	RP1	GU 400770	1.004	1.004	1.003	1.003	1.003	1.004	1.004	1.003	1.002	1.002	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.002	
Rhode Peaking 2 Generator Unit	RP2	GU 400771	1.004	1.004	1.003	1.003	1.003	1.004	1.004	1.003	1.002	1.002	1.003	1.003	1.002	1.002	1.002	1.002	1.002	1.002	
Raragh 2 Windfarm	RR2	GU 403970	1.006	1.005	1.008	1.008	1.005	1.005	1.007	1.008	1.007	1.007	1.007	1.007	1.002	1.005	1.005	1.002	1.002	1.002	
Sliabh Bawn Windfarm	SB1	GU 401900	0.990	0.990	0.993	0.993	0.990	0.990	0.990	0.993	0.993	0.990	0.990	0.990	0.989	0.993	0.993	0.993	0.989	0.989	
Sorrell Island 1 Windfarm	SF1	GU 403800	0.964	0.965	0.967	0.967	0.965	0.965	0.962	0.966	0.966	0.962	0.962	0.970	0.971	0.971	0.971	0.970	0.970	0.970	
Sorrell Island 2 Windfarm	SF2	GU 404480	0.964	0.965	0.967	0.967	0.965	0.965	0.962	0.966	0.966	0.962	0.962	0.970	0.971	0.971	0.971	0.970	0.970	0.970	
Shannonbridge ESS A-1	SI1	GU 404380	0.989	0.989	0.992	0.992	0.992	0.989	0.989	0.988	0.991	0.991	0.988	0.988	0.991	0.993	0.993	0.991	0.991	0.991	
Shannonbridge ESS A-2	SI2	GU 404390	0.989	0.989	0.992	0.992	0.989	0.989	0.988	0.991	0.991	0.991	0.988	0.988	0.991	0.993	0.993	0.991	0.991	0.991	
Sealrock 3 Generator Unit	SK3	GU 400120	0.954	0.955	0.957	0.957	0.955	0.955	0.953	0.956	0.956	0.953	0.953	0.965	0.966	0.966	0.965	0.965	0.965	0.965	
Sealrock 4 Generator Unit	SK4	GU 400121	0.954	0.955	0.957	0.957	0.955	0.955	0.953	0.956	0.956	0.953	0.953	0.965	0.966	0.966	0.965	0.965	0.965	0.965	
Slieveveagh Power Ltd (Wind Unit)	SL1	GU 400671	0.971	0.972	0.976	0.976	0.972	0.972	0.970	0.975	0.975	0.970	0.970	0.977	0.980	0.980	0.977	0.977	0.977	0.977	
Slieveveagh Power Phase II	SL2	GU 401460	0.971	0.972	0.976	0.976	0.972	0.972	0.970	0.975	0.975	0.970	0.970	0.977	0.980	0.980	0.977	0.977	0.977	0.977	
Sorne Hill Generator Unit	SN1	GU 400550	0.962	0.960	0.973	0.973	0.960	0.960	0.964	0.975	0.975	0.964	0.964	0.960	0.972	0.972	0.960	0.960	0.960	0.960	
Seecon Windfarm	SO1	GU 401990	0.972	0.972	0.976	0.976	0.972	0.972	0.970	0.974	0.974	0.970	0.970	0.974	0.977	0.977	0.974	0.974	0.974	0.974	
Scartaglen 1 Windfarm	ST1	GU 402250	0.957	0.958	0.960	0.960	0.958	0.958	0.955	0.959	0.959	0.955	0.955	0.964	0.965	0.965	0.964	0.964	0.964	0.964	
Scartaglen 2 Windfarm	ST2	GU 402260	0.957	0.958	0.960	0.960	0.958	0.958	0.955	0.959	0.959	0.955	0.955	0.964	0.965	0.965	0.964	0.964	0.964	0.964	
Tarbert 1 Generator Unit	TB1	GU 400750	0.966	0.966	0.966	0.966	0.966	0.966	0.963	0.965	0.965	0.963	0.963	0.971	0.971	0.971	0.971	0.971	0.971	0.971	
Tarbert 2 Generator Unit	TB2	GU 400751	0.966	0.966	0.966	0.966	0.966	0.966	0.963	0.965	0.965	0.963	0.963	0.971	0.971	0.971	0.971	0.971	0.971	0.971	
Tarbert 3 Generator Unit	TB3	GU 400752	0.966	0.966	0.966	0.966	0.966	0.966	0.963	0.965	0.965	0.963	0.963	0.971	0.971	0.971	0.971	0.971	0.971	0.971	
Tarbert 4 Generator Unit	TB4	GU 400753	0.966	0.966	0.966	0.966	0.966	0.966	0.963	0.965	0.965	0.963	0.963	0.971	0.971	0.971	0.971	0.971	0.971	0.971	
Turlough Hill 1 Generator Unit	TH1	GU 400360	1.002	1.002	0.995	0.995	1.002	1.002	1.001	0.994	0.994	1.001	1.001	1.001	0.995	0.995	1.001	1.001	1.001	1.001	
Turlough Hill 2 Generator Unit	TH2	GU 400361	1.002	1.002	0.995	0.995	1.002	1.002	1.001	0.994	0.994	1.001	1.001	1.001	0.995	0.995	1.001	1.001	1.001	1.001	
Turlough Hill 3 Generator Unit	TH3	GU 400362	1.002	1.002	0.995	0.995	1.002	1.002	1.001	0.994	0.994	1.001	1.001	1.001	0.995	0.995	1.001	1.001	1.001	1.001	
Turlough Hill 4 Generator Unit	TH4	GU 400363	1.002	1.002	0.995	0.995	1.002	1.002	1.001	0.994	0.994	1.001	1.001	1.001	0.995	0.995	1.001	1.001	1.001	1.001	
Tullabrack Wind Farm	TK1	GU 402050	0.964	0.965	0.966	0.966	0.965	0.965	0.962	0.965	0.965	0.962	0.962	0.970	0.971	0.971	0.971	0.970	0.970	0.970	
Tullynamoyle Windfarm 2	TM2	GU 402160	0.979	0.978	0.984	0.984	0.978	0.978	0.980	0.984	0.984	0.980	0.980	0.978	0.984	0.984	0.978	0.978	0.978	0.978	
Tullynamoyle 3 Windfarm	TM3	GU 402200	0.979	0.978	0.984	0.984	0.978	0.978	0.980	0.984	0.984	0.980	0.980	0.978	0.984	0.984	0.978	0.978	0.978	0.978	
Tournafulla Generatot Unit	TN2	GU 400600	0.963	0.964	0.964	0.964	0.964	0.964	0.961	0.963	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	0.969	0.969	
Tawnaghmore Peaking 1 Generator Unit	TP1	GU 400780	0.951	0.951	0.964	0.964	0.951	0.951	0.951	0.964	0.964	0.951	0.951	0.949	0.964	0.964	0.949	0.949	0.949	0.949	
Tawnaghmore Peaking 3 Generator Unit	TP3	GU 400781	0.951	0.951	0.964	0.964	0.951	0.951	0.951	0.964	0.964	0.951	0.951	0.949	0.964	0.964	0.949	0.949	0.949	0.949	
Taurbeg Wind Farm	TR1	GU 404990	0.963	0.965	0.969	0.969	0.965	0.965	0.962	0.969	0.969	0.962	0.962	0.972	0.975	0.975	0.972	0.972	0.972	0.972	
Tursillagh Windfarm	TUR	GU 403830	0.961	0.962	0.966	0.966	0.962	0.962	0.960	0.965	0.965	0.960	0.960	0.968	0.971	0.971	0.968	0.968	0.968	0.968	
Tynagh Generator Unit	TYC	GU 400530	0.980	0.980	0.979	0.979	0.980	0.980	0.979	0.978	0.978	0.979	0.979	0.982	0.981	0.981	0.982	0.982	0.982	0.982	
Ardderroo (Rockgrid) Windfarm	UF1	GU 405210	0.949	0.949	0.963	0.963	0.949	0.949	0.949	0.962	0.962	0.949	0.949	0.948	0.962	0.962	0.948	0.948	0.948	0.948	
Uggool Wind Farm	UG1	GU 401960	0.972	0.972	0.976	0.976	0.972	0.972	0.970	0.974	0.974	0.970	0.970	0.974	0.977	0.977	0.974	0.974	0.974	0.974	
Taghart Windfarm	VB1	GU 405110	1.006	1.005	1.008	1.008	1.005	1.005	1.007	1.008	1.008	1.007	1.007	1.002	1.005	1.005	1.002	1.002	1.002	1.002	
Whitegate Generator Unit	WG1	GU 400930	0.957	0.959	0.958	0.958	0.959	0.959	0.955	0.958	0.958	0.955	0.955	0.967	0.965	0.965	0.967	0.967	0.967	0.967	
Shannonbridge Generator Unit	WO4	GU 400370	0.989	0.989	0.992	0.992	0.989	0.989	0.988	0.991	0.991	0.988	0.988	0.991	0.993	0.993	0.991	0.991	0.991	0.991	
Woodhouse Wind Farm	WS1	GU 401680	0.968	0.970	0.970	0.970	0.970	0.970	0.967	0.970	0.970	0.967	0.967	0.976	0.975	0.975	0.976	0.976	0.976	0.976	
Carrigidangan Windfarm	XA1	GU 404330	0.951	0.953	0.955	0.955	0.953	0.953	0.950	0.954	0.954	0.950	0.950	0.959	0.961	0.961	0.959	0.959	0.959	0.959	
Black Lough WFPS	XL1	GU 403990	0.955	0.954	0.966	0.966	0.954	0.954	0.955	0.966	0.966	0.955	0.955	0.952	0.965	0.965	0.952	0.952	0.952	0.952	
Carrowleagh Windfarm	XR1	GU 401280	0.955	0.954	0.966	0.966	0.954	0.954	0.955	0.966	0.966	0.955	0.955	0.952	0.965	0.965	0.952	0.952	0.952	0.952	
Beenasaspuck and Tobertoreen Windfarm	XT1	GU 404000	0.963	0.963	0.964	0.964	0.963	0.963	0.961	0.963	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	0.969	0.969	
Beenasaspuck and Tobertoreen Battery	XT2	GU 404010	0.963	0.963	0.964	0.964	0.963	0.963	0.961	0.963	0.963	0.961	0.961	0.969	0.969	0.969	0.969	0.969	0.969	0.969	
Cronalaght 2	YC2	GU 403840	0.970	0.968	0.978	0.978	0.968	0.968	0.972	0.980	0.980	0.972	0.972	0.969	0.978	0.978	0.969	0.969	0.969	0.969	
Ballycumber Windfarm	YR1	GU 404460	0.995	0.996	0.994	0.994	0.996	0.996	0.995	0.993	0.993	0.995	0.995	0.996	0.994	0.994	0.996	0.996	0.996	0.996	
Cleanrath	YT1	GU 403810	0.953	0.954	0.955	0.955	0.954	0.954	0.951	0.955	0.955	0.951	0.951	0.960	0.961	0.961	0.960	0.960	0.960	0.960	
Cloghervaddy 2 Windfarm	YV2	GU 404630	0.968	0.966	0.975	0.975	0.966	0.966	0.970	0.978	0.978	0.970	0.970	0.967	0.976	0.976	0.967	0.967	0.967	0.967	

2022/2023 SINGLE ELECTRICITY MARKET COMBINED LOSS ADJUSTMENT FACTORS		Unit IDT Unit IDSEMO		APRIL	APRIL	APRIL	APRIL	APRIL	MAY	MAY	MAY	MAY	MAY	JUNE	JUNE	JUNE	JUNE	JUNE	JULY	
Market Participant	Unit IDT Unit IDSEMO	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	
		from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59
		Apr_CLAF_1	Apr_CLAF_2	Apr_CLAF_3	Apr_CLAF_4	Apr_CLAF_1	May_CLAF_1	May_CLAF_2	May_CLAF_3	May_CLAF_4	May_CLAF_1	Jun_CLAF_1	Jun_CLAF_2	Jun_CLAF_3	Jun_CLAF_4	Jun_CLAF_1	Jul_CLAF_1			
Ardnacrusa 1 Generator Unit	AA1	GU_400200	0.985	0.998	0.998	0.985	0.985	0.983	0.994	0.994	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	1.001
Ardnacrusa 2 Generator Unit	AA2	GU_400201	0.985	0.998	0.998	0.985	0.985	0.983	0.994	0.994	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	1.001
Ardnacrusa 3 Generator Unit	AA3	GU_400202	0.985	0.998	0.998	0.985	0.985	0.983	0.994	0.994	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	1.001
Ardnacrusa 4 Generator Unit	AA4	GU_400203	0.985	0.998	0.998	0.985	0.985	0.983	0.994	0.994	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	1.001
Cnoc Windfarms	AC1	GU_401670	0.984	1.003	1.003	0.984	0.984	0.983	0.999	0.999	0.983	0.983	0.982	0.986	0.986	0.982	0.982	0.982	0.982	1.001
Aghada 2 Generator Unit	AD2	GU_400850	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.970	0.970	0.993
Aghada BESS	AD3	GU_403560	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.970	0.970	0.993
Athea Wind Farm	AH1	GU_401380	0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994
Carrickallen Windfarm	AL1	GU_402220	0.993	1.018	1.018	0.993	0.993	0.992	1.015	1.015	0.992	0.992	0.991	1.001	1.001	0.991	0.991	0.991	0.991	1.004
Arthurstown 1(ESB) Generator Unit	AR2	GU_400570	1.003	1.021	1.021	1.003	1.003	1.001	1.015	1.015	1.001	1.001	1.002	1.003	1.003	1.002	1.002	1.002	1.002	1.022
ESB Arklow Bank	ARB	GU_401020	0.996	1.011	1.011	0.996	0.996	0.997	1.007	1.007	0.997	0.997	0.997	0.994	0.994	0.997	0.997	0.997	0.997	1.013
Acres Windfarm	AS1	GU_401820	0.975	0.997	0.997	0.975	0.975	0.974	0.995	0.995	0.974	0.974	0.973	0.982	0.982	0.973	0.973	0.973	0.973	0.987
AGHADA CT11 Generator Unit	AT1	GU_400181	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.970	0.970	0.993
AGHADA CT12 Generator Unit	AT2	GU_400182	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.970	0.970	0.993
AGHADA CT14 Generator Unit	AT4	GU_400183	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.970	0.970	0.993
Avonbeg BESS	AV1	GU_404530	0.988	1.003	1.003	0.988	0.988	0.988	0.999	0.999	0.988	0.988	0.987	0.986	0.986	0.987	0.987	0.987	0.987	1.007
Ballybane Generator Unit	BA1	GU_400650	0.961	0.979	0.979	0.961	0.961	0.962	0.978	0.978	0.962	0.962	0.960	0.963	0.963	0.960	0.960	0.960	0.960	0.980
Ballybane Wind Farm Phase 2	BA2	GU_401790	0.961	0.979	0.979	0.961	0.961	0.962	0.978	0.978	0.962	0.962	0.960	0.963	0.963	0.960	0.960	0.960	0.960	0.980
Ballybane Wind Farm Phase 3	BA3	GU_402010	0.961	0.979	0.979	0.961	0.961	0.962	0.978	0.978	0.962	0.962	0.960	0.963	0.963	0.960	0.960	0.960	0.960	0.980
Ballincollig Hill Generator Unit	BCW	GU_401000	0.977	0.994	0.994	0.977	0.977	0.976	0.990	0.990	0.976	0.976	0.976	0.977	0.977	0.976	0.976	0.976	0.976	0.992
Bindoo Generator Unit	BD1	GU_400050	0.990	1.014	1.014	0.990	0.990	0.989	1.011	1.011	0.989	0.989	0.988	0.998	0.998	0.988	0.988	0.988	0.988	1.001
Barranfadock Windfarm	BF1	GU_401810	0.977	0.992	0.992	0.977	0.977	0.978	0.991	0.991	0.978	0.978	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.998
Boggeragh Windfarm Generator Unit	BG1	GU_400910	0.965	0.982	0.982	0.965	0.965	0.966	0.980	0.980	0.966	0.966	0.964	0.966	0.966	0.964	0.964	0.964	0.964	0.984
Boggeragh 2 Windfarm	BG2	GU_401840	0.965	0.982	0.982	0.965	0.965	0.966	0.980	0.980	0.966	0.966	0.964	0.966	0.966	0.964	0.964	0.964	0.964	0.984
Boolyneagelagh Windfarm	BJ1	GU_403770	0.982	0.998	0.998	0.982	0.982	0.980	0.994	0.994	0.980	0.980	0.980	0.982	0.982	0.980	0.980	0.980	0.980	0.996
Beam Hill Wind Farm	BM1	GU_404560	0.956	0.988	0.988	0.956	0.956	0.955	0.986	0.986	0.955	0.955	0.953	0.971	0.971	0.953	0.953	0.953	0.953	0.967
Bawnmore Windfarm	BN1	GU_401150	0.969	0.986	0.986	0.969	0.969	0.970	0.984	0.984	0.970	0.970	0.968	0.970	0.970	0.968	0.968	0.968	0.968	0.988
BRUREE HYDRO	BR1	GU_400670	0.978	0.993	0.993	0.978	0.978	0.978	0.992	0.992	0.978	0.978	0.976	0.978	0.978	0.976	0.976	0.976	0.976	0.996
Ballybay	BS1	GU_402140	0.984	1.003	1.003	0.984	0.984	0.983	0.999	0.999	0.983	0.983	0.982	0.986	0.986	0.982	0.982	0.982	0.982	1.001
Booltiagh Windfarm	BT1	GU_401720	0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.978	0.979	0.979	0.978	0.978	0.978	0.978	0.994
Booltiagh 2 Wind Farm	BT2	GU_401730	0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.978	0.979	0.979	0.978	0.978	0.978	0.978	0.994
Bruckana Wind Farm Limited	BU1	GU_401700	0.979	0.999	0.999	0.979	0.979	0.978	0.995	0.995	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.976	0.976	0.996
Ballywater Generator Unit	BW1	GU_405890	0.988	1.003	1.003	0.988	0.988	0.988	0.999	0.999	0.988	0.988	0.987	0.986	0.986	0.987	0.987	0.987	0.987	1.007
Ballymartin Wind Farm Phase 1	BX1	GU_401710	0.983	0.997	0.997	0.983	0.983	0.984	0.994	0.994	0.984	0.984	0.981	0.980	0.980	0.981	0.981	0.981	0.981	1.005
Ballymartin Wind Farm Phase 2	BX2	GU_401760	0.983	0.997	0.997	0.983	0.983	0.984	0.994	0.994	0.984	0.984	0.981	0.980	0.980	0.981	0.981	0.981	0.981	1.005
Ballycadden Wind Farm	BY1	GU_401290	0.987	1.002	1.002	0.987	0.987	0.988	0.998	0.998	0.988	0.988	0.986	0.985	0.985	0.986	0.986	0.986	0.986	1.007
Ballycadden Wind Farm Phase 2	BY2	GU_401360	0.987	1.002	1.002	0.987	0.987	0.988	0.998	0.998	0.988	0.988	0.986	0.985	0.985	0.986	0.986	0.986	0.986	1.007
Cark Wind Farm	CAR	GU_403900	0.967	0.995	0.995	0.967	0.967	0.967	0.994	0.994	0.967	0.967	0.965	0.979	0.979	0.965	0.965	0.965	0.965	0.979
Carragannon Windfarm (Gen Unit)	CD1	GU_401070	0.965	0.982	0.982	0.965	0.965	0.966	0.980	0.980	0.966	0.966	0.964	0.966	0.966	0.964	0.964	0.964	0.964	0.984
Coomagearlachy Generator Unit	CG1	GU_404210	0.969	0.986	0.986	0.969	0.969	0.969	0.983	0.983	0.969	0.969	0.968	0.970	0.970	0.968	0.968	0.968	0.968	0.986
SWS Green Energy Gen Unit (Sillahertane)	CG2	GU_400730	0.969	0.986	0.986	0.969	0.969	0.969	0.983	0.983	0.969	0.969	0.968	0.970	0.970	0.968	0.968	0.968	0.968	0.986
SWS Kilgarvan Ext Inchincoosh	CG3	GU_400731	0.969	0.986	0.986	0.969	0.969	0.969	0.983	0.983	0.969	0.969	0.968	0.970	0.970	0.968	0.968	0.968	0.968	0.986
Pallas Generator Unit	CI1	GU_400660	0.976	0.994	0.994	0.976	0.976	0.975	0.990	0.990	0.975	0.975	0.975	0.978	0.978	0.975	0.975	0.975	0.975	0.991
Clahane 2 Windfarm	CI2	GU_401980	0.976	0.994	0.994	0.976	0.976	0.975	0.990	0.990	0.975	0.975	0.975	0.978	0.978	0.975	0.975	0.975	0.975	0.991
Castledockrell Windfarm (Gen Unit)	CK1	GU_403390	0.987	1.002	1.002	0.987	0.987	0.988	0.998	0.998	0.988	0.988	0.986	0.985	0.985	0.986	0.986	0.986	0.986	1.007
Cloghboola Wind Farm	CL1	GU_401830	0.977	0.993	0.993	0.977	0.977	0.976	0.988	0.988	0.976	0.976	0.976	0.977	0.977	0.976	0.976	0.976	0.976	0.992
Curraghmore Hydro Plant	CM1	GU_401200	0.961	0.979	0.979	0.961	0.961	0.962	0.978	0.978	0.962	0.962	0.960	0.963	0.963	0.960	0.960	0.960	0.960	0.980
Carnsore Point Generator Unit	CNS	GU_400470	0.987	1.002	1.002	0.987	0.987	0.988	0.999	0.999	0.988	0.988	0.985	0.986	0.986	0.985	0.985	0.985	0.985	1.008
Cappawhite	CP1	GU_402150	0.980	0.996	0.996	0.980	0.980	0.979	0.993	0.993	0.979	0.979	0.978	0.980	0.980	0.978	0.978	0.978	0.978	0.997
Cappawhite B Windfarm	CP3	GU_402340	0.980	0.996	0.996	0.980	0.980	0.979	0.993	0.993	0.979	0.979	0.978	0.980	0.980	0.978	0.978	0.978	0.978	0.997
Clady Generating Station	CUI	GU_401190	0.966	0.991	0.991	0.966	0.966	0.966	0.989	0.989	0.966	0.966	0.964	0.975	0.975	0.964	0.964	0.964	0.964	0.978
Cuillagh Generator Unit	CUH	GU_400030	0.967	0.995	0.995	0.967	0.967	0.967	0.994	0.994	0.967	0.967	0.965	0.979	0.979	0.965	0.965	0.965	0.965	0.979

Market Participant	Unit IDT Unit IDSEMO		APRIL	APRIL	APRIL	APRIL	APRIL	MAY	MAY	MAY	MAY	MAY	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE		
			CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4
			from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 21:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59
		Apr_CLAF_1	Apr_CLAF_2	Apr_CLAF_3	Apr_CLAF_4	Apr_CLAF_1	May_CLAF_1	May_CLAF_2	May_CLAF_3	May_CLAF_4	May_CLAF_1	Jun_CLAF_1	Jun_CLAF_2	Jun_CLAF_3	Jun_CLAF_4	Jun_CLAF_1	Jun_CLAF_2	Jun_CLAF_3	Jun_CLAF_4	Jul_CLAF_1	Jul_CLAF_1	
Glanaruddery 2 Windfarm	DA2	GU 404500	0.977	0.993	0.993	0.977	0.977	0.976	0.988	0.976	0.988	0.976	0.976	0.977	0.977	0.976	0.977	0.977	0.976	0.976	0.992	0.992
Dublin Bay Generator Unit	DB1	GU 400500	1.003	1.018	1.018	1.003	1.003	1.004	1.013	1.013	1.004	1.004	1.006	1.002	1.002	1.006	1.006	1.006	1.006	1.006	1.018	1.018
Cordal 1 Windfarm	DL1	GU 402110	0.972	0.988	0.988	0.972	0.972	0.972	0.985	0.985	0.972	0.972	0.971	0.972	0.972	0.971	0.972	0.972	0.971	0.971	0.989	0.989
Cordal 2 Windfarm	DL2	GU 402130	0.972	0.988	0.988	0.972	0.972	0.972	0.985	0.985	0.972	0.972	0.971	0.972	0.972	0.971	0.972	0.972	0.971	0.971	0.989	0.989
Dromada Windfarm Generator Unit	DR1	GU 400920	0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994	0.994
Derrysallagh Windfarm	DS1	GU 403820	0.978	1.000	1.000	0.978	0.978	0.978	0.997	0.997	0.978	0.978	0.977	0.984	0.984	0.984	0.977	0.977	0.977	0.991	0.991	
Dromdeveen Windfarm	DV1	GU 401240	0.970	0.987	0.987	0.970	0.970	0.970	0.984	0.984	0.970	0.970	0.969	0.971	0.971	0.969	0.969	0.969	0.969	0.987	0.987	
Dublin Waste to Energy	DW1	GU 402030	1.005	1.019	1.019	1.005	1.005	1.006	1.015	1.015	1.006	1.006	1.007	1.003	1.003	1.007	1.007	1.007	1.007	1.007	1.019	1.019
Derrybrien Wind Farm	DY1	GU 401440	0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.977	0.979	0.979	0.979	0.977	0.977	0.977	0.995	0.995	
Edenderry Power Supply	ED1	GU 401860	0.981	1.002	1.002	0.981	0.981	0.975	0.993	0.993	0.975	0.975	0.976	0.982	0.982	0.976	0.976	0.976	0.976	1.016	1.016	
Cushaling Power PPMG1	ED3	GU 401010	0.981	1.002	1.002	0.981	0.981	0.975	0.993	0.993	0.975	0.975	0.976	0.982	0.982	0.976	0.976	0.976	0.976	1.016	1.016	
Cushaling Power PPMG2	ED5	GU 401011	0.981	1.002	1.002	0.981	0.981	0.975	0.993	0.993	0.975	0.975	0.976	0.982	0.982	0.976	0.976	0.976	0.976	1.016	1.016	
Erne 1 Generator Unit	ER1	GU 400210	0.974	0.997	0.997	0.974	0.974	0.974	0.995	0.995	0.974	0.974	0.973	0.982	0.982	0.973	0.973	0.973	0.973	0.987	0.987	
Erne 2 Generator Unit	ER2	GU 400211	0.974	0.997	0.997	0.974	0.974	0.974	0.995	0.995	0.974	0.974	0.973	0.982	0.982	0.973	0.973	0.973	0.973	0.987	0.987	
Erne 3 Generator Unit	ER3	GU 400220	0.975	0.997	0.997	0.975	0.975	0.974	0.995	0.995	0.974	0.974	0.973	0.982	0.982	0.973	0.973	0.973	0.973	0.987	0.987	
Erne 4 Generator Unit	ER4	GU 400221	0.975	0.997	0.997	0.975	0.975	0.974	0.995	0.995	0.974	0.974	0.973	0.982	0.982	0.973	0.973	0.973	0.973	0.987	0.987	
Esk Windfarm	ES1	GU 404340	0.965	0.982	0.982	0.965	0.965	0.966	0.980	0.980	0.966	0.966	0.964	0.966	0.966	0.964	0.966	0.966	0.964	0.984	0.984	
EWIC	EW1	I ROIEWIC	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	
Gartaneane Generator Unit	GA2	GU 400041	0.997	1.019	1.019	0.997	0.997	0.996	1.015	1.015	0.996	0.996	0.996	1.002	1.002	0.996	0.996	0.996	0.996	1.008	1.008	
Grousemount Windfarm	GD1	GU 403790	0.967	0.983	0.983	0.967	0.967	0.968	0.981	0.981	0.968	0.968	0.967	0.968	0.968	0.967	0.968	0.968	0.967	0.985	0.985	
Gortahille Windfarm Ltd Generator Unit	GE1	GU 401060	0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	0.991	0.991	1.011	1.011	
Gorman BESS	GF1	GU 404260	1.000	1.020	1.020	1.000	1.000	1.000	1.015	1.015	1.000	1.000	1.000	1.003	1.003	1.000	1.000	1.000	1.000	1.012	1.012	
Garvagh Glebe Generator Unit	GH1	GU 400950	0.978	1.000	1.000	0.978	0.978	0.978	0.997	0.997	0.978	0.978	0.977	0.984	0.984	0.977	0.977	0.977	0.977	0.991	0.991	
Tullynahaw Generator Unit	GH2	GU 400940	0.978	1.000	1.000	0.978	0.978	0.978	0.997	0.997	0.978	0.978	0.977	0.984	0.984	0.977	0.977	0.977	0.977	0.991	0.991	
Great Island CCGT	GI4	GU 400762	0.981	0.995	0.995	0.981	0.981	0.981	0.992	0.992	0.981	0.981	0.979	0.978	0.978	0.979	0.978	0.978	0.979	1.003	1.003	
Bunnyconnellan Windfarm	GL1	GU 403880	0.948	0.974	0.974	0.948	0.948	0.947	0.971	0.971	0.947	0.947	0.946	0.958	0.958	0.946	0.946	0.946	0.960	0.960	0.960	
Midas Generator Unit	GJC	GU 400060	0.968	0.985	0.985	0.968	0.968	0.969	0.982	0.982	0.969	0.969	0.967	0.969	0.969	0.967	0.967	0.967	0.967	0.986	0.986	
Garraclumner Wind Farm Ltd	GM1	GU 401740	0.980	0.996	0.996	0.980	0.980	0.979	0.993	0.993	0.979	0.979	0.978	0.980	0.980	0.978	0.978	0.978	0.978	0.997	0.997	
Barnesmore (Golagh) Windfarm	GO1	GU 404450	0.969	0.994	0.994	0.969	0.969	0.969	0.992	0.992	0.969	0.969	0.967	0.978	0.978	0.967	0.967	0.967	0.981	0.981	0.981	
Golagh BESS	GO2	GU 404270	0.969	0.994	0.994	0.969	0.969	0.969	0.992	0.992	0.969	0.969	0.967	0.978	0.978	0.967	0.967	0.967	0.981	0.981	0.981	
Gardnershill Battery	GP1	GU 404510	1.005	1.018	1.018	1.005	1.005	1.005	1.013	1.013	1.005	1.005	1.006	1.002	1.002	1.006	1.006	1.006	1.006	1.018	1.018	
Grove Hill Windfarm	GR1	GU 401890	0.998	1.021	1.021	0.998	0.998	0.997	1.017	1.017	0.997	0.997	0.997	1.004	1.004	0.997	0.997	0.997	0.997	1.009	1.009	
Gibbet Hill Windfarm	GT1	GU 401340	0.987	1.002	1.002	0.987	0.987	0.988	0.998	0.998	0.988	0.988	0.986	0.985	0.985	0.986	0.986	0.986	0.986	1.007	1.007	
Glenough Windfarm	GU1	GU 401250	0.980	0.996	0.996	0.980	0.980	0.979	0.993	0.993	0.979	0.979	0.978	0.980	0.980	0.978	0.978	0.978	0.978	0.997	0.997	
Grouselodge Windfarm (Gen Unit)	GW1	GU 401090	0.983	1.001	1.001	0.983	0.983	0.981	0.996	0.996	0.981	0.981	0.982	0.984	0.984	0.982	0.982	0.982	0.982	0.998	0.998	
Glencarbry Windfarm	GY1	GU 404470	0.980	0.996	0.996	0.980	0.980	0.979	0.993	0.993	0.979	0.979	0.978	0.980	0.980	0.978	0.978	0.978	0.978	0.997	0.997	
VPL Generation Unit	HN2	GU 400540	1.005	1.018	1.018	1.005	1.005	1.004	1.013	1.013	1.004	1.004	1.006	1.002	1.002	1.006	1.006	1.006	1.006	1.018	1.018	
HPC1 Generation Unit	HNC	GU 400480	1.005	1.018	1.018	1.005	1.005	1.004	1.013	1.013	1.004	1.004	1.006	1.002	1.002	1.006	1.006	1.006	1.006	1.018	1.018	
Hilltown Solar	HS1	GU 405090	1.007	1.022	1.022	1.007	1.007	1.006	1.017	1.017	1.006	1.006	1.007	1.005	1.005	1.007	1.007	1.007	1.007	1.019	1.019	
Hortland Solar	HT1	GU 405100	1.002	1.017	1.017	1.002	1.002	1.000	1.012	1.012	1.000	1.000	1.001	1.000	1.000	1.001	1.001	1.001	1.001	1.019	1.019	
Gallanstown Solar	IA1	GU 405120	1.008	1.020	1.020	1.008	1.008	1.008	1.015	1.015	1.008	1.008	1.010	1.004	1.004	1.010	1.010	1.010	1.010	1.021	1.021	
Kylmore BESS	IH1	GU 403630	1.004	1.018	1.018	1.004	1.004	1.005	1.014	1.014	1.005	1.005	1.006	1.003	1.003	1.006	1.006	1.006	1.006	1.019	1.019	
Indaver - Meath Waste - Generator	IW1	GU 401230	1.004	1.022	1.022	1.004	1.004	1.003	1.018	1.018	1.003	1.003	1.003	1.005	1.005	1.003	1.003	1.003	1.003	1.016	1.016	
Knockglass Solar	JG1	GU 405080	0.969	0.986	0.986	0.969	0.969	0.970	0.984	0.984	0.970	0.970	0.968	0.970	0.970	0.968	0.968	0.968	0.968	0.988	0.988	
Knockacumner Wind Farm	KC1	GU 401770	0.968	0.985	0.985	0.968	0.968	0.968	0.982	0.982	0.968	0.968	0.968	0.969	0.969	0.968	0.968	0.968	0.968	0.985	0.985	
Knockalassa Windfarm	KD1	GU 403940	0.982	0.998	0.998	0.982	0.982	0.980	0.994	0.994	0.980	0.980	0.980	0.982	0.982	0.980	0.980	0.980	0.980	0.996	0.996	
Killala Windfarm	KF1	GU 403750	0.946	0.973	0.973	0.946	0.946	0.944	0.969	0.969	0.944	0.944	0.943	0.956	0.956	0.943	0.943	0.943	0.943	0.958	0.958	
Killala Battery	KL1	GU 404550	0.946	0.973	0.973	0.946	0.946	0.944	0.969	0.969	0.944	0.944	0.943	0.956	0.956	0.943	0.943	0.943	0.943	0.958	0.958	
Dunneil Windfarm (Kingsmountain Phase 2)	KG2	GU 400021	0.961	0.992	0.992	0.961	0.961	0.959	0.988	0.988	0.959	0.959	0.958	0.974	0.974	0.958	0.958	0.958	0.958	0.971	0.971	
Kingsmountain Generator Unit	KGM	GU 400020																				

Market Participant	Unit ID	T Unit	ID	SEMO	APRIL	APRIL	APRIL	APRIL	APRIL	MAY	MAY	MAY	MAY	MAY	JUNE	JUNE	JUNE	JUNE	JUNE	JULY				
					CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4
					from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 22:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	
Apr_CLAF_1	Apr_CLAF_2	Apr_CLAF_3	Apr_CLAF_4	Apr_CLAF_1	May_CLAF_1	May_CLAF_2	May_CLAF_3	May_CLAF_4	May_CLAF_1	Jun_CLAF_1	Jun_CLAF_2	Jun_CLAF_3	Jun_CLAF_4	Jun_CLAF_1	Jul_CLAF_1	Jul_CLAF_1	Jul_CLAF_1	Jul_CLAF_1						
Kilaveenoge 1 WF	KV1	GU	401950		0.967	0.984	0.984	0.967	0.967	0.968	0.983	0.968	0.968	0.968	0.966	0.968	0.968	0.966	0.966	0.986				
Knockawarriga 1 Windfarm	KW1	GU	400630		0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994				
Knockawarriga 2 Windfarm	KW2	GU	404290		0.980	0.996	0.996	0.980	0.980	0.978	0.991	0.991	0.978	0.978	0.978	0.979	0.979	0.978	0.978	0.994				
Kelwin 1 Windfarm	KZ1	GU	402300		0.981	0.996	0.996	0.981	0.981	0.979	0.991	0.991	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.996				
Kelwin 3 Diesel Unit	KZ3	GU	403000		0.981	0.996	0.996	0.981	0.981	0.979	0.991	0.991	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.996				
Kelwin 4 Battery	KZ4	GU	404520		0.981	0.996	0.996	0.981	0.981	0.979	0.991	0.991	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.996				
Inniscarra (Lee unit 1) Generator Unit	LE1	GU	400280		0.973	0.988	0.988	0.973	0.973	0.976	0.987	0.987	0.976	0.976	0.972	0.973	0.973	0.972	0.972	0.995				
Lee unit 2 Generator Unit	LE2	GU	400281		0.973	0.988	0.988	0.973	0.973	0.976	0.987	0.987	0.976	0.976	0.972	0.973	0.973	0.972	0.972	0.995				
Carrigadrohid Generator Unit	LE3	GU	400290		0.970	0.986	0.986	0.970	0.970	0.971	0.984	0.984	0.971	0.971	0.969	0.970	0.970	0.969	0.969	0.989				
Lisdrumdoagh BESS	LF1	GU	404900		0.997	1.022	1.022	0.997	0.997	0.996	1.018	1.018	0.996	0.996	0.995	1.005	1.005	0.995	0.995	1.008				
Leitir Guingaid Wind Farm phase 1	LG1	GU	401500		0.982	1.000	1.000	0.982	0.982	0.980	0.995	0.995	0.980	0.980	0.981	0.983	0.983	0.981	0.981	0.995				
Liffey 1 Generator Unit	LI1	GU	400250		0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	1.011				
Liffey 2 Generator Unit	LI2	GU	400251		0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	1.011				
Liffey 3 Hydro Unit	LI3	GU	401220		0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	1.011				
Liffey 4 Generator Unit	LI4	GU	400252		0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	1.011				
Liffey 5 Generator Unit	LI5	GU	400260		0.993	1.008	1.008	0.993	0.993	0.992	1.004	1.004	0.992	0.992	0.991	0.991	0.991	0.991	0.991	1.011				
Leanamore Windfarm	LM1	GU	402210		0.981	0.996	0.996	0.981	0.981	0.979	0.991	0.991	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.996				
Lenalea Wind Farm	LL1	GU	405930		0.967	0.994	0.994	0.967	0.967	0.967	0.993	0.993	0.967	0.967	0.965	0.978	0.978	0.965	0.965	0.979				
Lansboro	LR4	GU	400240		0.997	1.016	1.016	0.997	0.997	0.995	1.011	1.011	0.995	0.995	0.995	0.999	0.999	0.995	0.995	1.011				
Lisheen 1 Windfarm	LS1	GU	400840		0.979	0.999	0.999	0.979	0.979	0.978	0.995	0.995	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.996				
Lisheen 2 Windfarm	LS2	GU	401750		0.979	0.999	0.999	0.979	0.979	0.978	0.995	0.995	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.996				
Lisheen 3 Windfarm	LS3	GU	404420		0.979	0.999	0.999	0.979	0.979	0.978	0.995	0.995	0.978	0.978	0.976	0.982	0.982	0.976	0.976	0.996				
Lumcloon Battery 1	LU1	GU	404360		0.993	1.011	1.011	0.993	0.993	0.991	1.006	1.006	0.991	0.991	0.991	0.994	0.994	0.991	0.991	1.012				
Lumcloon Battery 2	LU2	GU	404370		0.993	1.011	1.011	0.993	0.993	0.991	1.006	1.006	0.991	0.991	0.991	0.994	0.994	0.991	0.991	1.012				
Lissycasey Windfarm	LY1	GU	403950		0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.978	0.979	0.979	0.978	0.978	0.994				
Mulreevy Windfarm	MB1	GU	401930		0.969	0.993	0.993	0.969	0.969	0.969	0.992	0.992	0.969	0.969	0.967	0.978	0.978	0.967	0.967	0.981				
Meenadreen South 2 Windfarm	MB2	GU	401920		0.969	0.993	0.993	0.969	0.969	0.969	0.992	0.992	0.969	0.969	0.967	0.978	0.978	0.967	0.967	0.981				
Airoshin Generator Unit	MC1	GU	405870		0.966	0.991	0.991	0.966	0.966	0.966	0.989	0.989	0.966	0.966	0.964	0.975	0.975	0.964	0.964	0.978				
Meentycat Generator Unit	MCT	GU	400070		0.963	0.991	0.991	0.963	0.963	0.963	0.989	0.989	0.963	0.963	0.961	0.975	0.975	0.961	0.961	0.975				
Monaincha Wind Farm	MH1	GU	401540		0.988	1.006	1.006	0.988	0.988	0.986	1.002	1.002	0.986	0.986	0.985	0.989	0.989	0.985	0.985	1.005				
Mountain Lodge Wind Farm	ML1	GU	400620		0.990	1.014	1.014	0.990	0.990	0.989	1.011	1.011	0.989	0.989	0.988	0.998	0.998	0.988	0.988	1.001				
Magheramore Windfarm	MM1	GU	403400		0.975	0.997	0.997	0.975	0.975	0.973	0.992	0.992	0.973	0.973	0.972	0.980	0.980	0.972	0.972	0.987				
Moanmore Windfarm Generator Unit	MMR	GU	400970		0.980	0.996	0.996	0.980	0.980	0.978	0.991	0.991	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.994				
Mount Lucas Wind Farm Limited	MO1	GU	401690		0.981	1.002	1.002	0.981	0.981	0.977	0.994	0.994	0.977	0.977	0.977	0.982	0.982	0.977	0.977	1.012				
Moneypoint 1 Generator Unit	MP1	GU	400270		0.984	0.999	0.999	0.984	0.984	0.983	0.994	0.994	0.983	0.983	0.984	0.983	0.983	0.984	0.984	0.999				
Moneypoint 2 Generator Unit	MP2	GU	400271		0.984	0.999	0.999	0.984	0.984	0.983	0.994	0.994	0.983	0.983	0.984	0.983	0.983	0.984	0.984	0.999				
Moneypoint 3 Generator Unit	MP3	GU	400272		0.984	0.999	0.999	0.984	0.984	0.983	0.994	0.994	0.983	0.983	0.984	0.983	0.983	0.984	0.984	0.999				
Moneypoint Windfarm	MP9	GU	402080		0.981	0.996	0.996	0.981	0.981	0.979	0.992	0.992	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.996				
Mauricetown Windfarm	MR1	GU	403980		0.976	0.994	0.994	0.976	0.976	0.977	0.992	0.992	0.977	0.977	0.975	0.978	0.978	0.975	0.975	0.995				
Muingnaminnane Generator Unit	MU1	GU	400960		0.977	0.994	0.994	0.977	0.977	0.976	0.990	0.990	0.976	0.976	0.976	0.977	0.977	0.976	0.976	0.992				
Raheen Barr Gen Unit	MXE	GU	403740		0.969	0.993	0.993	0.969	0.969	0.967	0.989	0.989	0.967	0.967	0.966	0.976	0.976	0.966	0.966	0.980				
Gillinstown Solar	NB1	GU	405190		1.003	1.020	1.020	1.003	1.003	1.002	1.016	1.016	1.002	1.002	1.002	1.004	1.004	1.002	1.002	1.015				
Cloghan Windfarm	NC1	GU	405160		0.993	1.011	1.011	0.993	0.993	0.991	1.006	1.006	0.991	0.991	0.991	0.994	0.994	0.991	0.991	1.012				
Blundelstown Solar	NA1	GU	405900		1.007	1.020	1.020	1.007	1.007	1.007	1.015	1.015	1.007	1.007	1.009	1.004	1.004	1.009	1.009	1.021				
North Wall 5 Generator Unit	NW5	GU	400311		1.005	1.019	1.019	1.005	1.005	1.005	1.014	1.014	1.005	1.005	1.007	1.003	1.003	1.007	1.007	1.019				
Meenbog PPM	OA1	GU	404930		0.969	0.994	0.994	0.969	0.969	0.969	0.993	0.993	0.969	0.969	0.968	0.979	0.979	0.968	0.968	0.981				
Gorey BESS	OD1	GU	404540		0.992	1.007	1.007	0.992	0.992	0.993	1.003	1.003	0.993	0.993	0.992	0.990	0.990	0.992	0.992	1.010				
Cloncreen Windfarm	OE1	GU	405140		0.981	1.002	1.002	0.981	0.981	0.975	0.993	0.993	0.975	0.975	0.976	0.982	0.982	0.976	0.976	1.016				
Coollegreen Windfarm	OG1	GU	403920		0.972	0.988	0.988	0.972	0.972	0.972	0.985	0.985	0.972	0.972	0.971	0.972	0.972	0.971	0.971	0.989				
Oweninney Windfarm	OY1	GU	403760		0.944	0.973	0.973																	

Market Participant	Unit IDT Unit IDSEMO		APRIL	APRIL	APRIL	APRIL	APRIL	MAY	MAY	MAY	MAY	MAY	JUNE	JUNE	JUNE	JUNE	JUNE	JULY	
			CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_2	CLAF_3	CLAF_4
			from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 22:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	
			Apr_CLAF_1	Apr_CLAF_2	Apr_CLAF_3	Apr_CLAF_4	Apr_CLAF_1	May_CLAF_1	May_CLAF_2	May_CLAF_3	May_CLAF_4	May_CLAF_1	Jun_CLAF_1	Jun_CLAF_2	Jun_CLAF_3	Jun_CLAF_4	Jun_CLAF_1	Jul_CLAF_1	
Raheenleagh	RL1	GU 401940	0.996	1.011	1.011	0.996	0.996	0.997	1.007	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	1.011	
Rosspile Solar	RO1	GU 405150	0.987	1.002	1.002	0.987	0.987	0.988	0.999	0.999	0.988	0.988	0.985	0.986	0.986	0.985	0.985	1.008	
Rhode Peaking 1 Generator Unit	RP1	GU 400770	1.000	1.016	1.016	1.000	1.000	0.998	1.010	1.010	0.998	0.998	0.999	0.998	0.998	0.999	0.999	1.018	
Rhode Peaking 2 Generator Unit	RP2	GU 400771	1.000	1.016	1.016	1.000	1.000	0.998	1.010	1.010	0.998	0.998	0.999	0.998	0.998	0.999	0.999	1.018	
Raragh 2 Windfarm	RR2	GU 403970	0.997	1.019	1.019	0.997	0.997	0.996	1.015	1.015	0.996	0.996	0.996	1.002	1.002	0.996	0.996	1.008	
Sliabh Bawn Windfarm	SB1	GU 401900	0.994	1.013	1.013	0.994	0.994	0.993	1.009	1.009	0.993	0.993	0.992	0.996	0.996	0.992	0.992	1.008	
Sorrell Island 1 Windfarm	SF1	GU 403800	0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.978	0.979	0.979	0.978	0.978	0.994	
Sorrell Island 2 Windfarm	SF2	GU 404480	0.979	0.995	0.995	0.979	0.979	0.977	0.991	0.991	0.977	0.977	0.978	0.979	0.979	0.978	0.978	0.994	
Shannonbridge ESS A-1	SI1	GU 404380	0.994	1.011	1.011	0.994	0.994	0.993	1.006	1.006	0.993	0.993	0.992	0.994	0.994	0.992	0.992	1.011	
Shannonbridge ESS A-2	SI2	GU 404390	0.994	1.011	1.011	0.994	0.994	0.993	1.006	1.006	0.993	0.993	0.992	0.994	0.994	0.992	0.992	1.011	
Sealrock 3 Generator Unit	SK3	GU 400120	0.976	0.992	0.992	0.976	0.976	0.969	0.983	0.983	0.969	0.969	0.973	0.974	0.974	0.973	0.973	0.989	
Sealrock 4 Generator Unit	SK4	GU 400121	0.976	0.992	0.992	0.976	0.976	0.969	0.983	0.983	0.969	0.969	0.973	0.974	0.974	0.973	0.973	0.989	
Slievereagh Power Ltd (Wind Unit)	SL1	GU 400671	0.982	0.999	0.999	0.982	0.982	0.981	0.996	0.996	0.981	0.981	0.980	0.983	0.983	0.980	0.980	1.000	
Slievereagh Power Phase II	SL2	GU 401460	0.982	0.999	0.999	0.982	0.982	0.981	0.996	0.996	0.981	0.981	0.980	0.983	0.983	0.980	0.980	1.000	
Sorne Hill Generator Unit	SN1	GU 400550	0.956	0.988	0.988	0.956	0.956	0.955	0.986	0.986	0.955	0.955	0.953	0.971	0.971	0.953	0.953	0.967	
Seecon Windfarm	SO1	GU 401990	0.979	0.996	0.996	0.979	0.979	0.977	0.992	0.992	0.977	0.977	0.978	0.980	0.980	0.978	0.978	0.992	
Scartaglen 1 Windfarm	ST1	GU 402250	0.972	0.988	0.988	0.972	0.972	0.972	0.985	0.985	0.972	0.972	0.971	0.972	0.972	0.971	0.971	0.989	
Scartaglen 2 Windfarm	ST2	GU 402260	0.972	0.988	0.988	0.972	0.972	0.972	0.985	0.985	0.972	0.972	0.971	0.972	0.972	0.971	0.971	0.989	
Tarbert 1 Generator Unit	TB1	GU 400750	0.982	0.997	0.997	0.982	0.982	0.980	0.992	0.992	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.997	
Tarbert 2 Generator Unit	TB2	GU 400751	0.982	0.997	0.997	0.982	0.982	0.980	0.992	0.992	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.997	
Tarbert 3 Generator Unit	TB3	GU 400752	0.982	0.997	0.997	0.982	0.982	0.980	0.992	0.992	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.997	
Tarbert 4 Generator Unit	TB4	GU 400753	0.982	0.997	0.997	0.982	0.982	0.980	0.992	0.992	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.997	
Turlough Hill 1 Generator Unit	TH1	GU 400360	1.003	1.013	1.013	1.003	1.003	1.003	1.008	1.008	1.003	1.003	1.003	0.997	0.997	1.003	1.003	1.018	
Turlough Hill 2 Generator Unit	TH2	GU 400361	1.003	1.013	1.013	1.003	1.003	1.003	1.008	1.008	1.003	1.003	1.003	0.997	0.997	1.003	1.003	1.018	
Turlough Hill 3 Generator Unit	TH3	GU 400362	1.003	1.013	1.013	1.003	1.003	1.003	1.008	1.008	1.003	1.003	1.003	0.997	0.997	1.003	1.003	1.018	
Turlough Hill 4 Generator Unit	TH4	GU 400363	1.003	1.013	1.013	1.003	1.003	1.003	1.008	1.008	1.003	1.003	1.003	0.997	0.997	1.003	1.003	1.018	
Tullabrack Wind Farm	TK1	GU 402050	0.980	0.996	0.996	0.980	0.980	0.978	0.991	0.991	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.994	
Tullynamoyle Windfarm 2	TM2	GU 402160	0.979	1.001	1.001	0.979	0.979	0.978	0.998	0.998	0.978	0.978	0.977	0.985	0.985	0.977	0.977	0.991	
Tullynamoyle 3 Windfarm	TM3	GU 402200	0.979	1.001	1.001	0.979	0.979	0.978	0.998	0.998	0.978	0.978	0.977	0.985	0.985	0.977	0.977	0.991	
Tournafulla Generatot Unit	TN2	GU 400600	0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994	
Tawnaghmore Peaking 1 Generator Unit	TP1	GU 400780	0.946	0.973	0.973	0.946	0.946	0.944	0.969	0.969	0.944	0.944	0.943	0.956	0.956	0.943	0.943	0.958	
Tawnaghmore Peaking 3 Generator Unit	TP3	GU 400781	0.946	0.973	0.973	0.946	0.946	0.944	0.969	0.969	0.944	0.944	0.943	0.956	0.956	0.943	0.943	0.958	
Taurbeg Wind Farm	TR1	GU 404990	0.976	0.994	0.994	0.976	0.976	0.977	0.992	0.992	0.977	0.977	0.975	0.978	0.978	0.975	0.975	0.995	
Tursillagh Windfarm	TUR	GU 403830	0.977	0.994	0.994	0.977	0.977	0.976	0.990	0.990	0.976	0.976	0.976	0.977	0.977	0.976	0.976	0.992	
Tynagh Generator Unit	TYC	GU 400530	0.988	1.000	1.000	0.988	0.988	0.986	0.996	0.996	0.986	0.986	0.987	0.985	0.985	0.987	0.987	1.001	
Ardderroe (Rockgrid) Windfarm	UF1	GU 405210	0.944	0.973	0.973	0.944	0.944	0.942	0.968	0.968	0.942	0.942	0.941	0.955	0.955	0.941	0.941	0.956	
Uggool Wind Farm	UG1	GU 401960	0.979	0.996	0.996	0.979	0.979	0.977	0.992	0.992	0.977	0.977	0.978	0.980	0.980	0.978	0.978	0.992	
Taghart Windfarm	VB1	GU 405110	0.997	1.019	1.019	0.997	0.997	0.996	1.015	1.015	0.996	0.996	0.996	1.002	1.002	0.996	0.996	1.008	
Whitegate Generator Unit	WG1	GU 400930	0.970	0.983	0.983	0.970	0.970	0.973	0.984	0.984	0.973	0.973	0.970	0.969	0.969	0.970	0.970	0.993	
Shannonbridge Generator Unit	WO4	GU 400370	0.994	1.011	1.011	0.994	0.994	0.993	1.006	1.006	0.993	0.993	0.992	0.994	0.994	0.992	0.992	1.011	
Woodhouse Wind Farm	WS1	GU 401680	0.978	0.992	0.992	0.978	0.978	0.979	0.991	0.991	0.979	0.979	0.976	0.976	0.976	0.976	0.976	0.998	
Carrigdangan Windfarm	XA1	GU 404330	0.964	0.981	0.981	0.964	0.964	0.965	0.979	0.979	0.965	0.965	0.963	0.965	0.965	0.963	0.963	0.983	
Black Lough WFPS	XL1	GU 403990	0.948	0.974	0.974	0.948	0.948	0.947	0.971	0.971	0.947	0.947	0.946	0.958	0.958	0.946	0.946	0.960	
Carrowleagh Windfarm	XR1	GU 401280	0.948	0.974	0.974	0.948	0.948	0.947	0.971	0.971	0.947	0.947	0.946	0.958	0.958	0.946	0.946	0.960	
Beenanaspuck and Tobertoreen Windfarm	XT1	GU 404000	0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994	
Beenanaspuck and Tobertoreen Battery	XT2	GU 404010	0.979	0.994	0.994	0.979	0.979	0.978	0.990	0.990	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.994	
Cronalaght 2	YC2	GU 403840	0.966	0.992	0.992	0.966	0.966	0.965	0.990	0.990	0.965	0.965	0.963	0.976	0.976	0.963	0.963	0.977	
Ballycumber Windfarm	YR1	GU 404460	0.996	1.011	1.011	0.996	0.996	0.997	1.007	1.007	0.997	0.997	0.997	0.994	0.994	0.997	0.997	1.013	
Cleanrath	YT1	GU 403810	0.967	0.983	0.983	0.967	0.967	0.968	0.981	0.981	0.968	0.968	0.967	0.968	0.968	0.967	0.967	0.985	
Cloghervaddy 2 Windfarm	YV2	GU 404630	0.966	0.991	0.991	0.966	0.966	0.966	0.989	0.989	0.966	0.966	0.964	0.975	0.975	0.964	0.964	0.978	

2022/2023 SINGLE ELECTRICITY MARKET COMBINED LOSS ADJUSTMENT FACTORS		Unit IDT Unit IDSEMO		JULY		JULY		JULY		JULY		AUGUST		AUGUST		AUGUST		AUGUST		AUGUST		SEPTEMBER		SEPTEMBER		SEPTEMBER		SEPTEMBER				
Market Participant		Unit IDT Unit IDSEMO		CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_1	CLAF_2	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1			
				from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	from 23:00:00 to 23:59:59	from 00:00:00 to 06:59:59	from 07:00:00 to 07:59:59	from 08:00:00 to 21:59:59	from 22:00:00 to 23:59:59	
				Jul_CLAF_2	Jul_CLAF_3	Jul_CLAF_4	Jul_CLAF_1	Aug_CLAF_1	Aug_CLAF_2	Aug_CLAF_3	Aug_CLAF_4	Aug_CLAF_1	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1			
Ardnacrusa 1 Generator Unit	AA1	GU_400200	1.011	1.011	1.001	1.001	0.982	0.990	0.990	0.982	0.982	0.981	0.978	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978
Ardnacrusa 2 Generator Unit	AA2	GU_400201	1.011	1.011	1.001	1.001	0.982	0.990	0.990	0.982	0.982	0.981	0.978	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978
Ardnacrusa 3 Generator Unit	AA3	GU_400202	1.011	1.011	1.001	1.001	0.982	0.990	0.990	0.982	0.982	0.981	0.978	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978
Ardnacrusa 4 Generator Unit	AA4	GU_400203	1.011	1.011	1.001	1.001	0.982	0.990	0.990	0.982	0.982	0.981	0.978	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978	0.978	0.981	0.978
Cnoc Windfarms	AC1	GU_401670	1.015	1.015	1.001	1.001	0.983	0.996	0.996	0.983	0.983	0.982	0.978	0.978	0.978	0.982	0.978	0.978	0.982	0.978	0.978	0.982	0.978	0.978	0.982	0.978	0.978	0.982	0.978	0.978	0.982	0.978
Aghada 2 Generator Unit	AD2	GU_400850	1.001	1.001	0.993	0.993	0.970	0.978	0.978	0.970	0.970	0.973	0.967	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967
Aghada BESS	AD3	GU_403560	1.001	1.001	0.993	0.993	0.970	0.978	0.978	0.970	0.970	0.973	0.967	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967
Athea Wind Farm	AH1	GU_401380	1.005	1.005	0.994	0.994	0.977	0.986	0.986	0.977	0.977	0.975	0.973	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973
Carrickallen Windfarm	AL1	GU_402220	1.007	1.027	1.004	1.004	0.991	1.011	1.011	0.991	0.991	0.991	1.003	1.003	1.003	0.991	1.003	1.003	0.991	1.003	1.003	0.991	1.003	1.003	0.991	1.003	1.003	0.991	1.003	1.003	0.991	1.003
Arthurstown 1(ESB) Generator Unit	AR2	GU_400570	1.033	1.033	1.022	1.022	1.007	1.019	1.019	1.007	1.007	1.002	1.004	1.004	1.004	1.002	1.004	1.004	1.002	1.004	1.004	1.002	1.004	1.004	1.002	1.004	1.004	1.002	1.004	1.004	1.002	1.004
ESB Arklow Bank	ARB	GU_401020	1.020	1.020	1.013	1.013	0.998	1.005	1.005	0.998	0.998	0.998	0.994	0.994	0.994	0.998	0.994	0.994	0.998	0.994	0.994	0.998	0.994	0.994	0.998	0.994	0.994	0.998	0.994	0.994	0.998	0.994
Acres Windfarm	AS1	GU_401820	1.001	1.009	0.987	0.987	0.972	0.991	0.991	0.972	0.972	0.971	0.980	0.980	0.980	0.971	0.980	0.980	0.971	0.980	0.980	0.971	0.980	0.980	0.971	0.980	0.980	0.971	0.980	0.980	0.971	0.980
AGHADA CT11 Generator Unit	AT1	GU_400181	1.001	1.001	0.993	0.993	0.970	0.978	0.978	0.970	0.970	0.973	0.967	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967
AGHADA CT12 Generator Unit	AT2	GU_400182	1.001	1.001	0.993	0.993	0.970	0.978	0.978	0.970	0.970	0.973	0.967	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967
AGHADA CT14 Generator Unit	AT4	GU_400183	1.001	1.001	0.993	0.993	0.970	0.978	0.978	0.970	0.970	0.973	0.967	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967	0.967	0.973	0.967
Avonbeg BESS	AV1	GU_404530	1.014	1.014	1.007	1.007	0.990	0.997	0.997	0.990	0.990	0.988	0.986	0.986	0.988	0.986	0.986	0.988	0.986	0.986	0.988	0.986	0.986	0.988	0.986	0.986	0.988	0.986	0.986	0.988	0.986	0.986
Ballybane Generator Unit	BA1	GU_400650	0.993	0.993	0.980	0.980	0.959	0.972	0.972	0.959	0.959	0.960	0.961	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961
Ballybane Wind Farm Phase 2	BA2	GU_401790	0.993	0.993	0.980	0.980	0.959	0.972	0.972	0.959	0.959	0.960	0.961	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961
Ballybane Wind Farm Phase 3	BA3	GU_402010	0.993	0.993	0.980	0.980	0.959	0.972	0.972	0.959	0.959	0.960	0.961	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961	0.961	0.960	0.961
Ballinacollig Hill Generator Unit	BCW	GU_401000	1.005	1.005	0.992	0.992	0.973	0.985	0.985	0.973	0.973	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972
Bindoo Generator Unit	BD1	GU_400050	1.023	1.023	1.001	1.001	0.988	1.008	1.008	0.988	0.988	0.988	0.999	0.999	0.999	0.988	0.999	0.999	0.988	0.999	0.999	0.988	0.999	0.999	0.988	0.999	0.999	0.988	0.999	0.999	0.988	0.999
Barranafaddock Windfarm	BF1	GU_401810	1.007	1.007	0.998	0.998	0.976	0.985	0.985	0.976	0.976	0.975	0.973	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973	0.973	0.975	0.973
Boggeragh Windfarm Generator Unit	BG1	GU_400910	0.996	0.996	0.984	0.984	0.963	0.974	0.974	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963
Boggeragh 2 Windfarm	BG2	GU_401840	0.996	0.996	0.984	0.984	0.963	0.974	0.974	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963	0.964	0.963	0.963
Boolyneagleragh Windfarm	BJ1	GU_403770	1.009	1.009	0.996	0.996	0.979	0.990	0.990	0.979	0.979	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978
Beam Hill Wind Farm	BM1	GU_404560	0.999	0.999	0.967	0.967	0.953	0.980	0.980	0.953	0.953	0.952	0.971	0.971	0.971	0.952	0.971	0.971	0.952	0.971	0.971	0.952	0.971	0.971	0.952	0.971	0.971	0.952	0.971	0.971	0.952	0.971
Bawnmore Windfarm	BN1	GU_401150	1.000	1.000	0.988	0.988	0.967	0.978	0.978	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967	0.968	0.967	0.967
BRUREE HYDRO	BR1	GU_400670	1.008	1.008	0.996	0.996	0.975	0.986	0.986	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975
Ballybay	BS1	GU_402140	1.015	1.015	1.001	1.001	0.983	0.996	0.996	0.983	0.983	0.982	0.984	0.984	0.984	0.982	0.984	0.984	0.982	0.984	0.984	0.982	0.984	0.984	0.982	0.984	0.984	0.982	0.984	0.984	0.982	0.984
Booltiagh Windfarm	BT1	GU_401720	1.006	1.006	0.994	0.994	0.977	0.987	0.987	0.977	0.977	0.975	0.974	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974
Booltiagh 2 Wind Farm	BT2	GU_401730	1.006	1.006	0.994	0.994	0.977	0.987	0.987	0.977	0.977	0.975	0.974	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974	0.974	0.975	0.974
Bruckana Wind Farm Limited	BU1	GU_401700	1.011	1.011	0.996	0.996	0.978	0.992	0.992	0.978	0.978	0.976	0.981	0.981	0.981	0.976	0.981	0.981	0.976	0.981	0.981	0.976	0.981	0.981	0.976	0.981	0.981	0.976	0.981	0.981	0.976	0.981
Ballywater Generator Unit	BW1																															

Market Participant	Unit IDT Unit IDSEMO		JULY	JULY	JULY	JULY	AUGUST	AUGUST	AUGUST	AUGUST	AUGUST	SEPTEMBER	SEPTEMBER	SEPTEMBER	SEPTEMBER	SEPTEMBER
			CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1
			from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00	from 00:00:00	from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00	from 00:00:00	from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00
			to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59	to 06:59:59	to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59	to 06:59:59	to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59
		Jul_CLAF_2	Jul_CLAF_3	Jul_CLAF_4	Jul_CLAF_1	Aug_CLAF_1	Aug_CLAF_2	Aug_CLAF_3	Aug_CLAF_4	Aug_CLAF_1	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1	
Glanaruddery 2 Windfarm	DA2	GU 404500	1.003	1.003	0.992	0.992	0.975	0.985	0.975	0.975	0.975	0.975	0.971	0.971	0.973	
Dublin Bay Generator Unit	DB1	GU 400500	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.002	1.002	1.007	
Cordal 1 Windfarm	DL1	GU 402110	1.000	1.000	0.989	0.989	0.970	0.980	0.980	0.970	0.970	0.969	0.968	0.968	0.969	
Cordal 2 Windfarm	DL2	GU 402130	1.000	1.000	0.989	0.989	0.970	0.980	0.980	0.970	0.970	0.969	0.968	0.968	0.969	
Dromada Windfarm Generator Unit	DR1	GU 400920	1.005	1.005	0.994	0.994	0.977	0.986	0.986	0.977	0.977	0.975	0.973	0.973	0.975	
Derrysallagh Windfarm	DS1	GU 403820	1.010	1.010	0.991	0.991	0.976	0.993	0.993	0.976	0.976	0.976	0.983	0.983	0.976	
Dromdeeveen Windfarm	DV1	GU 401240	0.999	0.999	0.987	0.987	0.968	0.979	0.979	0.968	0.968	0.967	0.966	0.966	0.967	
Dublin Waste to Energy	DW1	GU 402030	1.027	1.027	1.019	1.019	1.006	1.014	1.014	1.006	1.006	1.008	1.004	1.004	1.008	
Derrybrien Wind Farm	DY1	GU 401440	1.006	1.006	0.995	0.995	0.978	0.989	0.989	0.978	0.978	0.976	0.976	0.976	0.976	
Edenderry Power Supply	ED1	GU 401860	1.028	1.028	1.016	1.016	0.998	1.013	1.013	0.998	0.998	0.975	0.982	0.982	0.975	
Cushaling Power PPMG1	ED3	GU 401010	1.028	1.028	1.016	1.016	0.998	1.013	1.013	0.998	0.998	0.975	0.982	0.982	0.975	
Cushaling Power PPMG2	ED5	GU 401011	1.028	1.028	1.016	1.016	0.998	1.013	1.013	0.998	0.998	0.975	0.982	0.982	0.975	
Erne 1 Generator Unit	ER1	GU 400210	1.009	1.009	0.987	0.987	0.972	0.990	0.990	0.972	0.972	0.971	0.980	0.980	0.971	
Erne 2 Generator Unit	ER2	GU 400211	1.009	1.009	0.987	0.987	0.972	0.990	0.990	0.972	0.972	0.971	0.980	0.980	0.971	
Erne 3 Generator Unit	ER3	GU 400220	1.009	1.009	0.987	0.987	0.972	0.991	0.991	0.972	0.972	0.971	0.980	0.980	0.971	
Erne 4 Generator Unit	ER4	GU 400221	1.009	1.009	0.987	0.987	0.972	0.991	0.991	0.972	0.972	0.971	0.980	0.980	0.971	
Esk Windfarm	ES1	GU 404340	0.996	0.996	0.984	0.984	0.963	0.974	0.974	0.963	0.963	0.964	0.963	0.963	0.964	
EWIC	EW1	I ROIEWIC	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	
Gartaneane Generator Unit	GA2	GU 400041	1.027	1.027	1.008	1.008	0.996	1.012	1.012	0.996	0.996	0.996	1.004	1.004	0.996	
Grousemount Windfarm	GD1	GU 403790	0.996	0.996	0.985	0.985	0.965	0.976	0.976	0.965	0.965	0.965	0.963	0.963	0.965	
Gortahille Windfarm Ltd Generator Unit	GE1	GU 401060	1.020	1.020	1.011	1.011	0.994	1.003	1.003	0.994	0.994	0.991	0.991	0.991	0.991	
Gorman BESS	GF1	GU 404260	1.027	1.027	1.012	1.012	1.000	1.013	1.013	1.000	1.000	1.000	1.004	1.004	1.000	
Garvagh Glebe Generator Unit	GH1	GU 400950	1.010	1.010	0.991	0.991	0.976	0.993	0.993	0.976	0.976	0.976	0.983	0.983	0.976	
Tullynahaw Generator Unit	GH2	GU 400940	1.010	1.010	0.991	0.991	0.976	0.993	0.993	0.976	0.976	0.976	0.983	0.983	0.976	
Great Island CCGT	GI4	GU 400762	1.008	1.008	1.003	1.003	0.983	0.989	0.989	0.983	0.983	0.979	0.977	0.977	0.979	
Bunnycconnellan Windfarm	GJ1	GU 403880	0.984	0.984	0.960	0.960	0.945	0.966	0.966	0.945	0.945	0.945	0.957	0.957	0.945	
Midas Generator Unit	GLC	GU 400060	0.997	0.997	0.986	0.986	0.966	0.977	0.977	0.966	0.966	0.966	0.965	0.965	0.966	
Garraclumner Wind Farm Ltd	GM1	GU 401740	1.009	1.009	0.997	0.997	0.978	0.989	0.989	0.978	0.978	0.977	0.977	0.977	0.977	
Barnesmore (Golagh) Windfarm	GO1	GU 404450	1.005	1.005	0.981	0.981	0.966	0.987	0.987	0.966	0.966	0.966	0.977	0.977	0.966	
Golagh BESS	GO2	GU 404270	1.005	1.005	0.981	0.981	0.966	0.987	0.987	0.966	0.966	0.966	0.977	0.977	0.966	
Gardnershill Battery	GP1	GU 404510	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.003	1.003	1.007	
Grove Hill Windfarm	GR1	GU 401890	1.029	1.029	1.009	1.009	0.997	1.014	1.014	0.997	0.997	0.996	1.006	1.006	0.996	
Gibbet Hill Windfarm	GT1	GU 401340	1.013	1.013	1.007	1.007	0.989	0.996	0.996	0.989	0.989	0.987	0.985	0.985	0.987	
Glenough Windfarm	GU1	GU 401250	1.009	1.009	0.997	0.997	0.978	0.989	0.989	0.978	0.978	0.977	0.977	0.977	0.977	
Grouselodge Windfarm (Gen Unit)	GW1	GU 401090	1.011	1.011	0.998	0.998	0.979	0.992	0.992	0.979	0.979	0.978	0.978	0.978	0.978	
Glencarbry Windfarm	GY1	GU 404470	1.009	1.009	0.997	0.997	0.978	0.989	0.989	0.978	0.978	0.977	0.977	0.977	0.977	
VPL Generation Unit	HN2	GU 400540	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.003	1.003	1.007	
HPC1 Generation Unit	HNC	GU 400480	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.003	1.003	1.007	
Hilltown Solar	HS1	GU 405090	1.028	1.028	1.019	1.019	1.007	1.016	1.016	1.007	1.007	1.008	1.007	1.007	1.008	
Hortland Solar	HT1	GU 405100	1.028	1.028	1.019	1.019	1.004	1.014	1.014	1.004	1.004	1.001	1.001	1.001	1.001	
Gallanstown Solar	IA1	GU 405120	1.026	1.026	1.021	1.021	1.009	1.014	1.014	1.009	1.009	1.011	1.005	1.005	1.011	
Kylemore BESS	IH1	GU 403630	1.026	1.026	1.019	1.019	1.005	1.013	1.013	1.005	1.005	1.007	1.003	1.003	1.007	
Indaver - Meath Waste - Generator	IW1	GU 401230	1.029	1.029	1.016	1.016	1.003	1.016	1.016	1.003	1.003	1.004	1.007	1.007	1.004	
Knockglass Solar	JG1	GU 405080	1.000	1.000	0.988	0.988	0.967	0.978	0.978	0.967	0.967	0.968	0.967	0.967	0.968	
Knockacumner Wind Farm	KC1	GU 401770	0.997	0.997	0.985	0.985	0.966	0.977	0.977	0.966	0.966	0.966	0.964	0.964	0.966	
Knockalassa Windfarm	KD1	GU 403940	1.009	1.009	0.996	0.996	0.979	0.990	0.990	0.979	0.979	0.978	0.978	0.978	0.978	
Killala Windfarm	KF1	GU 403750	0.982	0.982	0.958	0.958	0.942	0.964	0.964	0.942	0.942	0.942	0.955	0.955	0.942	
Killala Battery	KF2	GU 404550	0.982	0.982	0.958	0.958	0.942	0.964	0.964	0.942	0.942	0.942	0.955	0.955	0.942	
Dunneil Windfarm (Kingsmountain Phase 2)	KG2	GU 400021	1.000	1.000	0.971	0.971	0.957	0.983	0.983	0.957	0.957	0.957	0.976	0.976	0.957	
Kingsmountain Generator Unit	KGM	GU 400020	1.000	1.000	0.971	0.971	0.957	0.983	0.983	0.957	0.957	0.957	0.976	0.976	0.957	
Kill Hill Wind Farm Limited	KH1	GU 401780	1.014	1.014	1.002	1.002	0.983	0.995	0.995	0.983	0.983	0.981	0.984	0.984	0.981	
Cloghanaleskirt Windfarm	KI1	GU 402280	1.003	1.003	0.992	0.992	0.975	0.985	0.985	0.975	0.975	0.973	0.971	0.971	0.973	
Knock South Windfarm	KK1	GU 401140	1.009	1.009	0.996	0.996	0.980	0.991	0.991	0.980	0.980	0.979	0.981	0.981	0.979	
Knocknagound Windfarm Limited	KM1	GU 401350	1.002	1.002	0.991	0.991	0.972	0.983	0.983	0.972	0.972	0.970	0.970	0.970	0.970	
Knocknatallig Windfarm	KQ1	GU 403930	1.008	1.008	0.996	0.996	0.975	0.986	0.986	0.975	0.975	0.976	0.975	0.975	0.976	
Knockalough WFPS	KU1	GU 403380	0.981	0.981	0.956	0.956	0.940	0.964	0.964	0.940	0.940	0.940	0.955	0.955	0.940	

Market Participant	Unit IDT Unit IDSEMO		JULY	JULY	JULY	JULY	AUGUST	AUGUST	AUGUST	AUGUST	AUGUST	SEPTEMBER	SEPTEMBER	SEPTEMBER	SEPTEMBER	SEPTEMBER	
			CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1	CLAF_2	CLAF_3	CLAF_4	CLAF_1	CLAF_1
			from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00	from 00:00:00	from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00	from 00:00:00	from 07:00:00	from 08:00:00	from 22:00:00	from 23:00:00	from 23:00:00
			to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59	to 06:59:59	to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59	to 06:59:59	to 07:59:59	to 21:59:59	to 22:59:59	to 23:59:59	
		Jul_CLAF_2	Jul_CLAF_3	Jul_CLAF_4	Jul_CLAF_1	Aug_CLAF_1	Aug_CLAF_2	Aug_CLAF_3	Aug_CLAF_4	Aug_CLAF_1	Sep_CLAF_1	Sep_CLAF_2	Sep_CLAF_3	Sep_CLAF_4	Sep_CLAF_1		
Kilaveenoge 1 WF	KV1	GU 401950	0.999	0.999	0.986	0.986	0.965	0.977	0.966	0.966	0.966	0.966	0.966	0.966	0.966		
Knockawarriga 1 Windfarm	KW1	GU 400630	1.005	1.005	0.994	0.994	0.977	0.987	0.977	0.977	0.975	0.973	0.973	0.975	0.975		
Knockawarriga 2 Windfarm	KW2	GU 404290	1.006	1.006	0.994	0.994	0.976	0.987	0.976	0.976	0.974	0.973	0.973	0.974	0.974		
Kelwin 1 Windfarm	KZ1	GU 402300	1.007	1.007	0.996	0.996	0.979	0.988	0.988	0.979	0.979	0.977	0.974	0.974	0.977		
Kelwin 3 Diesel Unit	KZ3	GU 403000	1.007	1.007	0.996	0.996	0.979	0.988	0.988	0.979	0.979	0.977	0.974	0.974	0.977		
Kelwin 4 Battery	KZ4	GU 404520	1.007	1.007	0.996	0.996	0.979	0.988	0.988	0.979	0.979	0.977	0.974	0.974	0.977		
Inniscarra (Lee unit 1) Generator Unit	LE1	GU 400280	1.003	1.003	0.995	0.995	0.973	0.981	0.981	0.973	0.973	0.973	0.970	0.970	0.973		
Lee unit 2 Generator Unit	LE2	GU 400281	1.003	1.003	0.995	0.995	0.973	0.981	0.981	0.973	0.973	0.973	0.970	0.970	0.973		
Carrigadrohid Generator Unit	LE3	GU 400290	1.000	1.000	0.989	0.989	0.968	0.979	0.979	0.968	0.968	0.969	0.967	0.967	0.969		
Lisdrumdoagh BESS	LF1	GU 404900	1.030	1.030	1.008	1.008	0.995	1.015	1.015	0.995	0.995	0.995	1.007	1.007	0.995		
Leitir Guingaid Wind Farm phase 1	LG1	GU 401500	1.009	1.009	0.995	0.995	0.980	0.991	0.991	0.980	0.980	0.979	0.981	0.981	0.979		
Liffey 1 Generator Unit	LI1	GU 400250	1.019	1.019	1.011	1.011	0.994	1.002	1.002	0.994	0.994	0.991	0.990	0.990	0.991		
Liffey 2 Generator Unit	LI2	GU 400251	1.011	1.011	1.011	1.011	0.994	1.002	1.002	0.994	0.994	0.991	0.990	0.990	0.991		
Liffey 3 Hydro Unit	LI3	GU 401220	1.019	1.019	1.011	1.011	0.994	1.002	1.002	0.994	0.994	0.991	0.990	0.990	0.991		
Liffey 4 Generator Unit	LI4	GU 400252	1.019	1.019	1.011	1.011	0.994	1.002	1.002	0.994	0.994	0.991	0.990	0.990	0.991		
Liffey 5 Generator Unit	LI5	GU 400260	1.019	1.019	1.011	1.011	0.994	1.002	1.002	0.994	0.994	0.991	0.990	0.990	0.991		
Leanamore Windfarm	LM1	GU 402210	1.007	1.007	0.996	0.996	0.979	0.988	0.988	0.979	0.979	0.977	0.974	0.974	0.977		
Lenalea Wind Farm	LL1	GU 405930	1.006	1.006	0.979	0.979	0.964	0.987	0.987	0.964	0.964	0.963	0.977	0.977	0.963		
Lanesboro	LR4	GU 400240	1.026	1.026	1.011	1.011	0.996	1.010	1.010	0.996	0.996	0.994	0.999	0.999	0.994		
Lisheen 1 Windfarm	LS1	GU 400840	1.011	1.011	0.996	0.996	0.978	0.992	0.992	0.978	0.978	0.976	0.981	0.981	0.976		
Lisheen 2 Windfarm	LS2	GU 401750	1.011	1.011	0.996	0.996	0.978	0.992	0.992	0.978	0.978	0.976	0.981	0.981	0.976		
Lisheen 3 Windfarm	LS3	GU 404420	1.011	1.011	0.996	0.996	0.978	0.992	0.992	0.978	0.978	0.976	0.981	0.981	0.976		
Lumcloon Battery 1	LU1	GU 404360	1.024	1.024	1.012	1.012	0.995	1.007	1.007	0.995	0.995	0.991	0.993	0.993	0.991		
Lumcloon Battery 2	LU2	GU 404370	1.024	1.024	1.012	1.012	0.995	1.007	1.007	0.995	0.995	0.991	0.993	0.993	0.991		
Lissycasey Windfarm	LY1	GU 403950	1.006	1.006	0.994	0.994	0.977	0.987	0.987	0.977	0.977	0.975	0.974	0.974	0.975		
Mulreevy Windfarm	MB1	GU 401930	1.005	1.005	0.981	0.981	0.966	0.987	0.987	0.966	0.966	0.965	0.977	0.977	0.965		
Meenadreen South 2 Windfarm	MB2	GU 401920	1.005	1.005	0.981	0.981	0.966	0.987	0.987	0.966	0.966	0.965	0.977	0.977	0.965		
Airoshin Generator Unit	MC1	GU 405870	1.002	1.002	0.978	0.978	0.963	0.984	0.984	0.963	0.963	0.962	0.974	0.974	0.962		
Meentycat Generator Unit	MCT	GU 400070	1.002	1.002	0.975	0.975	0.961	0.984	0.984	0.961	0.961	0.960	0.974	0.974	0.960		
Monaincha Wind Farm	MH1	GU 401540	1.018	1.018	1.005	1.005	0.987	1.000	1.000	0.987	0.987	0.985	0.988	0.988	0.985		
Mountain Lodge Wind Farm	ML1	GU 400620	1.023	1.023	1.001	1.001	0.988	1.008	1.008	0.988	0.988	0.988	0.999	0.999	0.988		
Magheramore Windfarm	MM1	GU 403400	1.005	1.005	0.987	0.987	0.971	0.988	0.988	0.971	0.971	0.970	0.978	0.978	0.970		
Moanmore Windfarm Generator Unit	MMR	GU 400970	1.006	1.006	0.994	0.994	0.978	0.988	0.988	0.978	0.978	0.976	0.974	0.974	0.976		
Mount Lucas Wind Farm Limited	MO1	GU 401690	1.025	1.025	1.012	1.012	0.995	1.009	1.009	0.995	0.995	0.977	0.982	0.982	0.977		
Moneypoint 1 Generator Unit	MP1	GU 400270	1.009	1.009	0.999	0.999	0.983	0.991	0.991	0.983	0.983	0.981	0.977	0.977	0.981		
Moneypoint 2 Generator Unit	MP2	GU 400271	1.009	1.009	0.999	0.999	0.983	0.991	0.991	0.983	0.983	0.981	0.977	0.977	0.981		
Moneypoint 3 Generator Unit	MP3	GU 400272	1.009	1.009	0.999	0.999	0.983	0.991	0.991	0.983	0.983	0.981	0.977	0.977	0.981		
Moneypoint Windfarm	MP9	GU 402080	1.007	1.007	0.996	0.996	0.979	0.988	0.988	0.979	0.979	0.977	0.974	0.974	0.977		
Mauricetown Windfarm	MR1	GU 403980	1.008	1.008	0.995	0.995	0.973	0.986	0.986	0.973	0.973	0.974	0.975	0.975	0.974		
Muingnaminnane Generator Unit	MU1	GU 400960	1.005	1.005	0.992	0.992	0.973	0.985	0.985	0.973	0.973	0.972	0.972	0.972	0.972		
Raheen Barr Gen Unit	MXE	GU 403740	1.002	1.002	0.980	0.980	0.965	0.984	0.984	0.965	0.965	0.965	0.975	0.975	0.965		
Gillinstown Solar	NB1	GU 405190	1.028	1.028	1.015	1.015	1.002	1.014	1.014	1.002	1.002	1.003	1.006	1.006	1.003		
Cloghan Windfarm	NC1	GU 405160	1.024	1.024	1.012	1.012	0.995	1.007	1.007	0.995	0.995	0.991	0.993	0.993	0.991		
Blundelstown Solar	NA1	GU 405900	1.026	1.026	1.021	1.021	1.008	1.014	1.014	1.008	1.008	1.010	1.005	1.005	1.010		
North Wall 5 Generator Unit	NW5	GU 400311	1.026	1.026	1.019	1.019	1.006	1.013	1.013	1.006	1.006	1.008	1.004	1.004	1.008		
Meenbog PPM	OA1	GU 404930	1.006	1.006	0.981	0.981	0.967	0.987	0.987	0.967	0.967	0.966	0.977	0.977	0.966		
Gorey BESS	OD1	GU 404540	1.017	1.017	1.010	1.010	0.994	1.001	1.001	0.994	0.994	0.993	0.990	0.990	0.993		
Cloncreen Windfarm	OE1	GU 405140	1.028	1.028	1.016	1.016	0.998	1.013	1.013	0.998	0.998	0.975	0.982	0.982	0.975		
Coollegreen Windfarm	OG1	GU 403920	1.000	1.000	0.989	0.989	0.970	0.980	0.980	0.970	0.970	0.969	0.968	0.968	0.969		
Oweninney Windfarm	OY1	GU 403760	0.981	0.981	0.956	0.956	0.940	0.964	0.964	0.940	0.940	0.940	0.955	0.955	0.940		
Oweninney Windfarm 2	OY2	GU 405130	0.981	0.981	0.956	0.956	0.940	0.964	0.964	0.940	0.940	0.940	0.955	0.955	0.940		
Shellybanks PBA	PBA	GU 400324	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.002	1.002	1.007		
Shellybanks PBB	PBB	GU 400325	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.002	1.002	1.007		
Poolbeg BESS	PBB	GU 403660	1.025	1.025	1.018	1.018	1.005	1.012	1.012	1.005	1.005	1.007	1.002	1.002	1.007		
Porterstown BESS	PN1	GU 405070	1.033	1.033	1.022	1.022	1.007	1.019	1.019	1.007	1.007	1.002	1.004	1.004	1.002		
Castlepook Windfarm	PO1	GU 402190	1.008	1.008	0.996	0.996	0.975	0.986	0.986	0.975	0.975	0.976	0.975	0.976	0.976		
Rathcahill West Windfarm	RC1	GU 401080	1.011	1.011	0.998	0.998	0.979	0.992	0.992	0.979	0.979	0.978	0.978	0.978	0.978		
Boolinruda Windfarm	RD1	GU 402270	1.009	1.009	0.996	0.996	0.979	0.990	0.990	0.979	0.979	0.978	0.978	0.978	0.978		
Richfield Generator Unit	RF1	GU 400080	1.015	1.015	1.008	1.008	0.989	0.997	0.997	0.989	0.989	0.986	0.985	0.985	0.986		

2022/2023 DISTRIBUTION LOSS ADJUSTMENT FACTORS - ROI BASED MARKET PARTICIPANTS

Trading Year 2022

Market Par	Unit ID TSO	Unit ID SEMO	Transmissio	kV	2022	2022	2022
					SEP_Day	SEP_Night	OCT_Day
Gardnershi	GP1	GU_404510	FINGLAS	110	1.0373	1.0313	1.0373
Kylemore	IH1	GU_403630	Inchicore	110	0.9999	0.9999	0.9999
Killala Winc	KF1	GU_403750	TAWNAGH	110	0.9957	0.9957	0.9957
Killala Batt	KF2	GU_404550	TAWNAGH	110	0.9957	0.9957	0.9957
Gorey BESS	OD1	GU_404540	Banoge	110	1.0376	1.0316	1.0376
Avonbeg	BLAV1	GU_404530	CRANE	110	1.0000	1.0000	1.0198

	2022	2022	2022	2022	2022	2023	2023	2023
OCT_Night	NOV_Day	NOV_Night	DEC_Day	DEC_Night	JAN_Day	JAN_Night	FEB_Day	
	1.0303	1.0373	1.0303	1.0373	1.0303	1.0373	1.0303	1.0373
	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
	1.0306	1.0376	1.0306	1.0376	1.0306	1.0376	1.0306	1.0376
	1.0158	1.0198	1.0158	1.0198	1.0158	1.0198	1.0158	1.0198

2023	2023	2023	2023	2023	2023	2023	2023
FEB_Night	MAR_Day	MAR_Night	APR_Day	APR_Night	MAY_Day	MAY_Night	JUNE_Day
1.0303	1.0373	1.0303	1.0373	1.0303	1.0373	1.0303	1.0373
0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
1.0306	1.0376	1.0306	1.0376	1.0306	1.0376	1.0306	1.0376
1.0158	1.0198	1.0158	1.0198	1.0158	1.0198	1.0158	1.0198

2023	2023	2023	2023	2023	2023	2023
JUNE_Night	JULY_Day	JULY_Night	AUG_Day	AUG_Night	SEP_Day	SEP_Night
1.0303	1.0373	1.0303	1.0373	1.0303	1.0373	1.0303
0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
0.9957	0.9957	0.9957	0.9957	0.9957	0.9957	0.9957
1.0306	1.0376	1.0306	1.0376	1.0306	1.0376	1.0306
1.0158	1.0198	1.0158	1.0198	1.0158	1.0198	1.0158

2022/2023 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - ROI BASED MARKET

Trading Year

2022

Market Participant - Distribution Unit	ID TSC	Unit ID SEMO	Transmission Station	kV
Ardnacrusha 1 Generator Unit	AA1	GU_400200	ARDNACRUSHA	110
Ardnacrusha 2 Generator Unit	AA2	GU_400201	WEXFORD	110
Ardnacrusha 3 Generator Unit	AA3	GU_400202	ARDNACRUSHA	110
Ardnacrusha 4 Generator Unit	AA4	GU_400203	ARDNACRUSHA	110
Cnoc Windfarms	AC1	GU_401670	THURLES	110
Aghada 2 Generator Unit	AD2	GU_400850	LONGPOINT	220
Adhada BESS	AD3	GU_403560	AGHADA_B	110
Athea Wind Farm	AH1	GU_401380	ATHEA	110
Carrickallen Windfarm	AL1	GU_402220	SHANKILL	110
Arthurstown 1(ESB) Generator U	AR2	GU_400570	KILTEEL	110
ESB Arklow Bank	ARB	GU_401020	ARKLOW	110
Acres Windfarm	AS1	GU_401820	CATH_FALL	110
AGHADA CT11 Generator Unit	AT1	GU_400181	AGHADA_B	220
AGHADA CT12 Generator Unit	AT2	GU_400182	AGHADA_B	220
AGHADA CT14 Generator Unit	AT4	GU_400183	AGH_AT	220
Ballybane Generator Unit	BA1	GU_400650	BALLYLICKEY	110
Ballybane Wind Farm Phase 2	BA2	GU_401790	BALLYLICKEY	110
Ballybane Wind Farm Phase 3	BA3	GU_402010	BALLYLICKEY	110
Ballincollig Hill Generator Unit	BCW	GU_401000	TRALEE	110
Bindoo Generator Unit	BD1	GU_400050	RATRUSAN	110
Barranafaddock Windfarm	BF1	GU_401810	BARRYMORE	110
Boggeragh Windfarm Generator	BG1	GU_400910	BOGGERAGH	110
Boggeragh 2 Windfarm	BG2	GU_401840	BOGGERAGH	110
Boolynagleragh Windfarm	BJ1	GU_403770	SLIEVECALLAN	110
Beam Hill Wind Farm	BM1	GU_404560	TRILLICK	110
Bawnmore Windfarm	BN1	GU_401150	MACROOM	110
BRUREE HYDRO	BR1	GU_400670	CHARLEVILLE	110
Ballybay	BS1	GU_402140	THURLES	110
Booltiagh Windfarm	BT1	GU_401720	BOOLTIAGH	110
Booltiagh 2 Wind Farm	BT2	GU_401730	BOOLTIAGH	110
Bruckana Wind Farm Limited	BU1	GU_401700	LISHEEN	110
Ballywater Generator Unit	BW1	GU_405890	CRANE	110
Ballymartin Wind Farm Phase 1	BX1	GU_401710	WATERFORD	110
Ballymartin Wind Farm Phase 2	BX2	GU_401760	WATERFORD	110
Ballycadden Wind Farm	BY1	GU_401290	LODGEWOOD	110
Ballycadden Wind Farm Phase 2	BY2	GU_401360	LODGEWOOD	110
Cark Wind Farm	CAR	GU_403900	LETTERKENNY	110
Carraigcannon Windfarm (Gen U	CD1	GU_401070	BOGGERAGH	110
Coomagearlahy Generator Unit	CG1	GU_404210	COOMAGEARLAH	110
SWS Green Energy Gen Unit (Sill;	CG2	GU_400730	COOMAGEARLAH	110
SWS Kilgarvan Ext Inchincoosh	CG3	GU_400731	COOMAGEARLAH	110
Pallas Generator Unit	CJ1	GU_400660	CLAHANE	110
Clahane 2 Windfarm	CJ2	GU_401980	CLAHANE	110
Castledockrell Windfarm (Gen U	CK1	GU_403390	LODGEWOOD	110
Cloghboola Wind Farm	CL1	GU_401830	CLOGHBOOLA	110
Curraghmore Hydro Plant	CM1	GU_401200	BALLYLICKEY	110

Carnsore Point Generator Unit	CNS	GU_400470	WEXFORD	110
Cappawhite	CP1	GU_402150	CAUTEEN	110
Cappawhite B Windfarm	CP3	GU_402340	CAUTEEN	110
Clady Generating Station	CU1	GU_401190	BINBANE	110
Cuillagh Generator Unit	CUH	GU_400030	LETTERKENNY	110
Coomacheo Generator Unit	CZ1	GU_400591	GARROW	110
Glanaruddery 1 Windfarm	DA1	GU_404490	CLOGHBOOLA	110
Glanaruddery 2 Windfarm	DA2	GU_404500	CLOGHBOOLA	110
Dublin Bay Generator Unit	DB1	GU_400500	IRISHTOWN	220
Cordal 1 Windfarm	DL1	GU_402110	CORDAL	110
Cordal 2 Windfarm	DL2	GU_402130	CORDAL	110
Dromada Windfarm Generator Unit	DR1	GU_400920	DROMADA	110
Derrysallagh Windfarm	DS1	GU_403820	GARVAGH	110
Dromdeeveen Windfarm	DV1	GU_401240	GLENLARA	110
Dublin Waste to Energy	DW1	GU_402030	RINGSEND	110
Derrybrien Wind Farm	DY1	GU_401440	DERRYBRIEN	110
Edenderry Power Supply	ED1	GU_401860	CUSHALING	110
Cushaling Power PPMG1	ED3	GU_401010	CUSHALING	110
Cushaling Power PPMG2	ED5	GU_401011	CUSHALING	110
Erne 1 Generator Unit	ER1	GU_400210	CLIFF	110
Erne 2 Generator Unit	ER2	GU_400211	CLIFF	110
Erne 3 Generator Unit	ER3	GU_400220	CATH_FALL	110
Erne 4 Generator Unit	ER4	GU_400221	CATH_FALL	110
Esk Windfarm	ES1	GU_404340	BOGGERAGH	110
EWIC	EW1	I_ROIEWIC	DEESIDE	400
Gartnaneane Generator Unit	GA2	GU_400041	MEATH HILL	110
Grousemount Windfarm	GD1	GU_403790	COOMATAGGART	110
Gortahile Windfarm Ltd Generator Unit	GE1	GU_401060	CARLOW	110
Gorman BESS	GF1	GU_404260	Gorman	110
Garvagh Glebe Generator Unit	GH1	GU_400950	GARVAGH	110
Tullynahaw Generator Unit	GH2	GU_400940	GARVAGH	110
Great Island CCGT	GI4	GU_400762	GREAT ISLAND	220
Bunnyconnellan Windfarm	GJ1	GU_403880	GLENREE	110
Midas Generator Unit	GLC	GU_400060	GLANLEE	110
Garracummer Wind Farm Ltd	GM1	GU_401740	CAUTEEN	110
Barnesmore (Golagh) Windfarm	GO1	GU_404450	GOLAGH	110
Golagh BESS	GO2	GU_404270	GOLAGH	110
Gardnershill Battery	GP1	GU_404510	FINGLAS	220
Grove Hill Windfarm	GR1	GU_401890	DUNDALK	110
Gibbet Hill Windfarm	GT1	GU_401340	LODGEWOOD	110
Glenough Windfarm	GU1	GU_401250	CAUTEEN	110
Grouselodge Windfarm (Gen Unit)	GW1	GU_401090	RATHKEALE	110
Glencarbry Windfarm	GY1	GU_404470	CAUTEEN	110
VPL Generation Unit	HN2	GU_400540	HUNTSTOWN	220
HPC1 Generation Unit	HNC	GU_400480	HUNTSTOWN	220
Hortland Solar	HT1	GU_405100	KINNEGAD	110
Gallanstown Solar	IA1	GU_405120	GALLANSTOWN	110
Kylemore	IH1	GU_403630	Inchicore	110
Indaver - Meath Waste - General	IW1	GU_401230	DRYBRIDGE	110
Knockacummer Wind Farm	KC1	GU_401770	GLENLARA	110

Knockalassa Windfarm	KD1	GU_403940	SLIEVECALLAN	110
Killala Windfarm	KF1	GU_403750	TAWNAGHMORE	110
Killala Battery	KF2	GU_404550	TAWNAGHMORE	110
Dunneil Windfarm (Kingsmounta	KG2	GU_400021	CUNGHILL	110
Kingsmountain Generator Unit	KGM	GU_400020	CUNGHILL	110
Kill Hill Wind Farm Limited	KH1	GU_401780	KILL HILL	110
Cloghanaleskirt Windfarm	KI1	GU_402280	CLOGHBOOLA	110
Knock South Windfarm	KK1	GU_401140	GALWAY	110
Knocknagoum Windfarm Limitec	KM1	GU_401350	REAMORE	110
Knocknatallig Windfarm	KQ1	GU_403930	CHARLEVILLE	110
Knockalough WFPS	KU1	GU_403380	KNOCKRANNY	110
Kilaveenoge 1 WF	KV1	GU_401950	DUNMANWAY	110
Knockawarriga 1 Windfarm	KW1	GU_400630	TRIEEN	110
Knockawarriga 2 Windfarm	KW2	GU_404290	TRIEEN	110
Kelwin 1 Windfarm	KZ1	GU_402300	KILPADDOGE	110
Kelwin 3 Diesel Unit	KZ3	GU_403000	KILPADDOGE	110
Kelwin 4 Battery	KZ4	GU_404520	KILPADDOGE	110
Inniscarra (Lee unit 1) Generator	LE1	GU_400280	INISCARRA	110
Lee unit 2 Generator Unit	LE2	GU_400281	INISCARRA	110
Carrigadrohid Generator Unit	LE3	GU_400290	CARRIGADROHI	110
Lisdrumdoagh BESS	LF1	GU_404900	Lisdrum	110
Leitir Guingaid Wind Farm phase	LG1	GU_401500	SALTHILL	110
Liffey 1 Generator Unit	LI1	GU_400250	POLLAPHUCA	110
Liffey 2 Generator Unit	LI2	GU_400251	POLLAPHUCA	110
Liffey 3 Hydro Unit	LI3	GU_401220	POLLAPHUCA	110
Liffey 4 Generator Unit	LI4	GU_400252	POLLAPHUCA	110
Liffey 5 Generator Unit	LI5	GU_400260	POLLAPHUCA	110
Leanamore Windfarm	LM1	GU_402210	KILPADDOGE	110
Lenalea Wind Farm	LL1	GU_405930	LENALEA	110
Lanesboro	LR4	GU_400240	LANESBORO	110
Lisheen Windfarm Phase 1	LS1	GU_400840	LISHEEN	110
Lisheen Wind Farm 2 Ltd	LS2	GU_401750	LISHEEN	110
Lumcloon ESS 1	LU1	GU_404360	DERRYCARNEY	110
Lumcloon ESS 2	LU2	GU_404370	DERRYCARNEY	110
Lissycasey Windfarm	LY1	GU_403950	BOOLTIAGH	110
Mulreavy Windfarm	MB1	GU_401930	MULREAVY	110
Meenadreen South 2 Windfarm	MB2	GU_401920	MULREAVY	110
Airoshin WF	MC1	GU_405870	BINBANE	110
Meentycat Generator Unit	MCT	GU_400070	MEENTYCAT	110
Monaincha Wind Farm	MH1	GU_401540	IKERRIN	110
Mountain Lodge Wind Farm	ML1	GU_400620	RATRUSSAN	110
Magheramore Windfarm	MM1	GU_403400	DALTON	110
Moanmore Windfarm Generator	MMR	GU_400970	TULLABRACK	110
Mount Lucas Wind Farm Limited	MO1	GU_401690	MOUNTLUCAS	110
Moneypoint 1 Generator Unit	MP1	GU_400270	MNYPG	380
Moneypoint 2 Generator Unit	MP2	GU_400271	MNYPG	380
Moneypoint 3 Generator Unit	MP3	GU_400272	MNYPG	380
Moneypoint Windfarm	MP9	GU_402080	MONEYPOINT	110
Mauricetown Windfarm	MR1	GU_403980	GLENLARA	110
Muingnaminnane Generator Uni	MU1	GU_400960	TRALEE	110

Raheen Barr Gen Unit	MXE	GU_403740	CASTLEBAR	110
Blundelstown Solar	NA1	GU_405900	BLUNDELSTOWN	110
North Wall5 Generator Unit	NW5	GU_400311	NORTH WALL	220
Meenbog	OA1	GU_404930	CLOGHER	110
Gorey BESS	OD1	GU_404540	Banoge	110
Cloncreen Windfarm	OE1	GU_405140	CUSHALING	110
Coollegrean Windfarm	OG1	GU_403920	CORDAL	110
Oweninney Windfarm 1	OY1	GU_403760	BELLACORICK	110
Shellybanks PBA	PBA	GU_400324	SHELLYBANKS	220
Shellybanks PBB	PBB	GU_400325	SHELLYBANKS	220
Poolbeg BESS	PB8	GU_403660	SHELLYBANKS	220
Porterstown BESS	PN1	GU_405070	KILTEEL	110
Castlepook Windfarm	PO1	GU_402190	CHARLEVILLE	110
Rathcahill West Windfarm	RC1	GU_401080	RATHKEALE	110
Boolinrudda Windfarm	RD1	GU_402270	SLIEVECALLAN	110
Richfield Generator Unit	RF1	GU_400080	WEXFORD	110
Raheenleagh	RL1	GU_401940	ARKLOW	110
Rosspile Solar	RO1	GU_405150	WEXFORD	110
Rhode Peaking 1 Generator Unit	RP1	GU_400770	DERRYIRON	110
Rhode Peaking 2 Generator Unit	RP2	GU_400771	DERRYIRON	110
Raragh 2 Windfarm	RR2	GU_403970	MEATH HILL	110
Sliabh Bawn Windfarm	SB1	GU_401900	SLIABH BAWN	110
Sorrell Island 1 Windfarm	SF1	GU_403800	BOOLTIAGH	110
Sorrell Island 2 Windfarm	SF2	GU_404480	BOOLTIAGH	110
Shannonbridge ESS A-1	SI1	GU_404380	SHANNONBRIDG	110
Shannonbridge ESS A-2	SI2	GU_404390	SHANNONBRIDG	110
Sealrock 3 Generator Unit	SK3	GU_400120	AUGHINISH	110
Sealrock 4 Generator Unit	SK4	GU_400121	AUGHINISH	110
Slievareagh Power Ltd (Wind Uni	SL1	GU_400671	TIPPERARY	110
Slievareagh Power Phase II	SL2	GU_401460	TIPPERARY	110
Sorne Hill Generator Unit	SN1	GU_400550	TRILLICK	110
Seecon Windfarm	SO1	GU_401990	UGOOL	110
Scartaglen 1 Windfarm	ST1	GU_402250	CORDAL	110
Scartaglen 2 Windfarm	ST2	GU_402260	CORDAL	110
Tarbert 1 Generator Unit	TB1	GU_400750	TARBERT	110
Tarbert 2 Generator Unit	TB2	GU_400751	TARBERT	110
Tarbert 3 Generator Unit	TB3	GU_400752	TARBERT	220
Tarbert 4 Generator Unit	TB4	GU_400753	TARBERT	220
Turlough Hill 1 Generator Unit	TH1	GU_400360	TURLOUGH HIL	220
Turlough Hill 2 Generator Unit	TH2	GU_400361	TURLOUGH HIL	220
Turlough Hill 3 Generator Unit	TH3	GU_400362	TURLOUGH HIL	220
Turlough Hill 4 Generator Unit	TH4	GU_400363	TURLOUGH HIL	220
Tullabrack Wind Farm	TK1	GU_402050	TULLABRACK	110
Tullynamoyle Windfarm 2	TM2	GU_402160	CORDERRY	110
Tullynamoyle 3 Windfarm	TM3	GU_402200	CORDERRY	110
Tournafulla Generatot Unit	TN2	GU_400600	TRIEN	110
Tawnaghmore Peaking 1 Genera	TP1	GU_400780	MOY	110
Tawnaghmore Peaking 3 Genera	TP3	GU_400781	MOY	110
Taubeg Wind Farm	TR1	GU_404990	GLENLARA	110
Tursillagh Windfarm	TUR	GU_403830	TRALEE	110

Tynagh Generator Unit	TYC	GU_400530	TYNAGH	220
Ardderroo (Rockgrid) Windfarm	UF1	GU_405210	KNOCKRANNY	110
Uggool Wind Farm	UG1	GU_401960	UGOOL	110
Taghart	VB1	GU_405110	MEATH HILL	110
Whitegate Generator Unit	WG1	GU_400930	GLANAGOW	220
Shannonbridge Generator Unit	WO4	GU_400370	SHANNONBRIDG	110
Woodhouse Wind Farm	WS1	GU_401680	WOODHOUSE	110
Carrigdangan Windfarm	XA1	GU_404330	CARRIGDANGAN	110
Black Lough WFPS	XL1	GU_403990	GLENREE	110
Carrowleagh Windfarm	XR1	GU_401280	GLENREE	110
Beenanaspuck and Tobertoreen	XT1	GU_404000	ATHEA	110
Beenanaspuck and Tobertoreen	XT2	GU_404010	ATHEA	110
Cronalaght 2	YC2	GU_403840	TIEVEBRACK	110
Ballycumber Windfarm	YR1	GU_404460	ARKLOW	110
Cleanrath	YT1	GU_403810	COOMATAGGART	110
Cloghervaddy 2 Windfarm	YV2	GU_404630	BINBANE	110
Oweninney Windfarm 2	OY2	GU_405130	BELLACORICK	110
Moneypoint Sync Comp	MP5	GU_405170	MNYPG	110
Avonbeg BESS	AV1	GU_404530	CRANE	110
Cloghan Windfarm	NC1	GU_405160	DERRYCARNEY	110
Gillinstown Solar	NB1	GU_405190	Garballagh	110
Hilltown Solar	HS1	GU_405090	BALTRASNA	110
Knockglass Solar	JG1	GU_405080	MACROOM	110
Lisheen 3	LS3	GU_404420	LISHEEN	110

PARTICIPANTS

	2022	2022	2022	2022	2022	2022	2022	2022	2023
SEP_Day	SEP_Night	OCT_Day	OCT_Night	NOV_Day	NOV_Night	DEC_Day	DEC_Night	JAN_Day	
0.979	0.976	0.976	0.972	0.972	0.968	0.97	0.967	0.969	
0.979	0.976	0.976	0.972	0.972	0.968	0.97	0.967	0.969	
0.979	0.976	0.976	0.972	0.972	0.968	0.97	0.967	0.969	
0.979	0.976	0.976	0.972	0.972	0.968	0.97	0.967	0.969	
0.982	0.976	0.984	0.977	0.982	0.977	0.982	0.977	0.983	
0.969	0.966	0.964	0.961	0.959	0.96	0.956	0.957	0.958	
0.969	0.966	0.964	0.961	0.959	0.96	0.956	0.957	0.958	
0.978	0.976	0.97	0.967	0.967	0.965	0.964	0.963	0.964	
0.992	0.986	1.003	0.998	1.005	0.999	1.006	1.001	1.006	
0.995	0.992	1.004	1.003	1.005	1.005	1.007	1.007	1.006	
0.988	0.986	0.994	0.995	0.993	0.996	0.993	0.995	0.994	
0.979	0.974	0.981	0.975	0.981	0.975	0.981	0.977	0.98	
0.97	0.967	0.964	0.961	0.959	0.96	0.956	0.957	0.958	
0.97	0.967	0.964	0.961	0.959	0.96	0.956	0.957	0.958	
0.97	0.967	0.964	0.961	0.959	0.96	0.956	0.957	0.958	
0.967	0.961	0.958	0.95	0.955	0.949	0.953	0.947	0.954	
0.967	0.961	0.958	0.95	0.955	0.949	0.953	0.947	0.954	
0.967	0.961	0.958	0.95	0.955	0.949	0.953	0.947	0.954	
0.977	0.971	0.971	0.965	0.968	0.963	0.965	0.961	0.966	
0.99	0.985	1	0.995	1.002	0.996	1.003	0.998	1.002	
0.974	0.97	0.972	0.967	0.968	0.966	0.966	0.964	0.968	
0.969	0.965	0.96	0.955	0.956	0.954	0.954	0.951	0.955	
0.969	0.965	0.96	0.955	0.956	0.954	0.954	0.951	0.955	
0.98	0.976	0.976	0.972	0.974	0.97	0.972	0.968	0.972	
0.966	0.955	0.971	0.957	0.973	0.959	0.975	0.962	0.973	
0.971	0.967	0.964	0.959	0.96	0.958	0.957	0.955	0.958	
0.975	0.97	0.973	0.967	0.969	0.966	0.967	0.964	0.968	
0.982	0.976	0.984	0.977	0.982	0.977	0.982	0.977	0.983	
0.978	0.975	0.972	0.968	0.969	0.966	0.967	0.964	0.967	
0.978	0.975	0.972	0.968	0.969	0.966	0.967	0.964	0.967	
0.98	0.973	0.98	0.972	0.979	0.972	0.978	0.972	0.979	
0.983	0.981	0.985	0.984	0.984	0.986	0.984	0.985	0.985	
0.979	0.977	0.979	0.976	0.977	0.977	0.976	0.975	0.977	
0.979	0.977	0.979	0.976	0.977	0.977	0.976	0.975	0.977	
0.983	0.981	0.984	0.983	0.983	0.985	0.983	0.984	0.984	
0.983	0.981	0.984	0.983	0.983	0.985	0.983	0.984	0.984	
0.976	0.967	0.979	0.969	0.98	0.97	0.982	0.972	0.98	
0.969	0.965	0.96	0.955	0.956	0.954	0.954	0.951	0.955	
0.971	0.967	0.964	0.958	0.96	0.956	0.958	0.954	0.959	
0.971	0.967	0.964	0.958	0.96	0.956	0.958	0.954	0.959	
0.971	0.967	0.964	0.958	0.96	0.956	0.958	0.954	0.959	
0.976	0.973	0.969	0.965	0.966	0.963	0.964	0.961	0.964	
0.976	0.973	0.969	0.965	0.966	0.963	0.964	0.961	0.964	
0.983	0.981	0.984	0.983	0.983	0.985	0.983	0.984	0.984	
0.977	0.974	0.968	0.965	0.965	0.963	0.963	0.961	0.963	
0.967	0.961	0.958	0.95	0.955	0.949	0.953	0.947	0.954	

0.982	0.979	0.985	0.981	0.984	0.983	0.983	0.982	0.984
0.978	0.974	0.976	0.97	0.973	0.968	0.971	0.967	0.972
0.978	0.974	0.976	0.97	0.973	0.968	0.971	0.967	0.972
0.974	0.966	0.975	0.965	0.976	0.966	0.977	0.968	0.975
0.976	0.967	0.979	0.969	0.98	0.97	0.982	0.972	0.98
0.971	0.968	0.963	0.959	0.96	0.958	0.957	0.955	0.958
0.977	0.974	0.968	0.965	0.965	0.963	0.963	0.961	0.963
0.977	0.974	0.968	0.965	0.965	0.963	0.963	0.961	0.963
0.993	0.992	1.001	1.005	1.001	1.006	1.002	1.006	1.003
0.973	0.97	0.965	0.961	0.962	0.959	0.959	0.957	0.96
0.973	0.97	0.965	0.961	0.962	0.959	0.959	0.957	0.96
0.978	0.975	0.97	0.967	0.966	0.965	0.964	0.963	0.964
0.98	0.976	0.984	0.977	0.983	0.977	0.983	0.978	0.982
0.972	0.969	0.964	0.959	0.96	0.957	0.958	0.955	0.958
0.994	0.993	1.003	1.006	1.003	1.007	1.004	1.007	1.004
0.977	0.974	0.976	0.971	0.974	0.97	0.973	0.97	0.973
0.984	0.98	0.984	0.977	0.984	0.979	0.989	0.984	0.986
0.984	0.98	0.984	0.977	0.984	0.979	0.989	0.984	0.986
0.984	0.98	0.984	0.977	0.984	0.979	0.989	0.984	0.986
0.978	0.974	0.98	0.975	0.98	0.975	0.981	0.976	0.979
0.978	0.974	0.98	0.975	0.98	0.975	0.981	0.976	0.979
0.979	0.974	0.981	0.975	0.981	0.975	0.981	0.977	0.98
0.979	0.974	0.981	0.975	0.981	0.975	0.981	0.977	0.98
0.969	0.965	0.96	0.955	0.956	0.954	0.954	0.951	0.955
0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
0.995	0.992	1.005	1.003	1.007	1.004	1.008	1.006	1.008
0.97	0.967	0.961	0.957	0.957	0.955	0.955	0.953	0.955
0.986	0.984	0.99	0.989	0.989	0.991	0.989	0.99	0.989
0.995	0.993	1.005	1.005	1.006	1.006	1.007	1.007	1.007
0.98	0.976	0.984	0.977	0.983	0.977	0.983	0.978	0.982
0.98	0.976	0.984	0.977	0.983	0.977	0.983	0.978	0.982
0.978	0.977	0.977	0.974	0.975	0.976	0.974	0.974	0.975
0.973	0.964	0.971	0.956	0.971	0.957	0.967	0.955	0.966
0.971	0.967	0.962	0.958	0.959	0.956	0.956	0.954	0.957
0.978	0.974	0.976	0.97	0.973	0.968	0.971	0.967	0.972
0.975	0.969	0.977	0.97	0.978	0.97	0.979	0.972	0.977
0.975	0.969	0.977	0.97	0.978	0.97	0.979	0.972	0.977
0.995	0.994	1.002	1.006	1.002	1.007	1.002	1.006	1.003
0.996	0.992	1.007	1.005	1.01	1.006	1.011	1.008	1.01
0.983	0.981	0.984	0.983	0.983	0.985	0.983	0.984	0.984
0.978	0.974	0.976	0.97	0.973	0.968	0.971	0.967	0.972
0.979	0.977	0.975	0.971	0.972	0.968	0.97	0.967	0.97
0.978	0.974	0.976	0.97	0.973	0.968	0.971	0.967	0.972
0.995	0.994	1.002	1.006	1.002	1.007	1.002	1.006	1.003
0.995	0.994	1.002	1.006	1.002	1.006	1.002	1.006	1.003
0.995	0.994	1.005	1.005	1.005	1.006	1.007	1.008	1.007
0.997	0.995	1.004	1.01	1.005	1.011	1.005	1.011	1.006
0.993	0.993	1.002	1.006	1.002	1.006	1.003	1.006	1.003
0.997	0.994	1.008	1.008	1.009	1.009	1.01	1.011	1.011
0.972	0.969	0.962	0.958	0.958	0.956	0.956	0.953	0.957

0.98	0.976	0.976	0.972	0.974	0.97	0.972	0.968	0.972
0.972	0.963	0.97	0.953	0.97	0.954	0.964	0.951	0.964
0.972	0.963	0.97	0.953	0.97	0.954	0.964	0.951	0.964
0.974	0.97	0.975	0.976	0.98	0.976	0.98	0.967	0.98
0.974	0.97	0.975	0.976	0.98	0.976	0.98	0.967	0.98
0.982	0.976	0.983	0.976	0.98	0.976	0.98	0.976	0.981
0.977	0.974	0.968	0.965	0.965	0.963	0.963	0.961	0.963
0.982	0.979	0.982	0.978	0.981	0.977	0.979	0.975	0.979
0.975	0.969	0.97	0.964	0.967	0.962	0.964	0.96	0.965
0.975	0.97	0.973	0.967	0.969	0.966	0.967	0.964	0.968
0.981	0.976	0.967	0.953	0.969	0.954	0.963	0.949	0.963
0.97	0.966	0.963	0.957	0.959	0.956	0.957	0.954	0.958
0.978	0.976	0.97	0.968	0.967	0.965	0.964	0.963	0.964
0.978	0.975	0.97	0.966	0.967	0.964	0.965	0.962	0.965
0.979	0.977	0.971	0.969	0.968	0.966	0.965	0.964	0.965
0.979	0.977	0.971	0.969	0.968	0.966	0.965	0.964	0.965
0.979	0.977	0.971	0.969	0.968	0.966	0.965	0.964	0.965
0.972	0.968	0.967	0.964	0.962	0.962	0.959	0.96	0.961
0.972	0.968	0.967	0.964	0.962	0.962	0.959	0.96	0.961
0.971	0.967	0.964	0.96	0.96	0.958	0.958	0.956	0.959
0.994	0.989	1.008	1.003	1.01	1.004	1.012	1.007	1.011
0.982	0.979	0.982	0.978	0.981	0.977	0.979	0.975	0.979
0.983	0.981	0.989	0.991	0.985	0.993	0.985	0.993	0.986
0.983	0.981	0.989	0.991	0.985	0.993	0.985	0.993	0.986
0.983	0.981	0.989	0.991	0.985	0.993	0.985	0.993	0.986
0.983	0.981	0.989	0.991	0.985	0.993	0.985	0.993	0.986
0.983	0.981	0.989	0.991	0.985	0.993	0.985	0.993	0.986
0.979	0.977	0.971	0.969	0.968	0.966	0.965	0.964	0.965
0.991	0.985	0.998	0.993	0.998	0.993	0.998	0.994	0.998
0.98	0.973	0.98	0.972	0.979	0.972	0.978	0.972	0.979
0.98	0.973	0.98	0.972	0.979	0.972	0.978	0.972	0.979
0.988	0.984	0.993	0.989	0.992	0.989	0.993	0.99	0.993
0.988	0.984	0.993	0.989	0.992	0.989	0.993	0.99	0.993
0.978	0.975	0.972	0.968	0.969	0.966	0.967	0.964	0.967
0.975	0.969	0.977	0.969	0.978	0.97	0.978	0.971	0.977
0.975	0.969	0.977	0.969	0.978	0.97	0.978	0.971	0.977
0.974	0.966	0.975	0.965	0.976	0.966	0.977	0.968	0.975
0.972	0.964	0.974	0.964	0.975	0.965	0.977	0.967	0.975
0.985	0.978	0.988	0.981	0.986	0.982	0.986	0.982	0.987
0.99	0.985	1	0.995	1.002	0.996	1.003	0.998	1.002
0.982	0.974	0.984	0.973	0.984	0.973	0.98	0.97	0.98
0.979	0.976	0.971	0.969	0.968	0.966	0.966	0.964	0.966
0.986	0.982	0.984	0.98	0.985	0.981	0.989	0.986	0.987
0.981	0.98	0.975	0.974	0.972	0.971	0.97	0.97	0.97
0.981	0.98	0.975	0.974	0.972	0.971	0.97	0.97	0.97
0.981	0.98	0.975	0.974	0.972	0.971	0.97	0.97	0.97
0.979	0.977	0.971	0.969	0.968	0.967	0.966	0.965	0.966
0.973	0.967	0.973	0.966	0.97	0.965	0.968	0.963	0.969
0.977	0.971	0.971	0.965	0.968	0.963	0.965	0.961	0.966

0.98	0.972	0.983	0.97	0.983	0.971	0.979	0.967	0.979
0.996	0.997	1.005	1.011	1.006	1.011	1.007	1.011	1.007
0.995	0.994	1.0025	1.0065	1.0025	1.0065	1.0025	1.0065	1.0035
0.976	0.97	0.978	0.97	0.978	0.971	0.979	0.972	0.978
0.986	0.984	0.99	0.989	0.989	0.991	0.989	0.99	0.99
0.984	0.98	0.984	0.977	0.984	0.979	0.989	0.984	0.986
0.973	0.97	0.965	0.961	0.962	0.959	0.959	0.957	0.96
0.97	0.961	0.967	0.953	0.969	0.954	0.963	0.949	0.963
0.995	0.994	1.001	1.005	1.002	1.006	1.002	1.006	1.003
0.995	0.994	1.001	1.005	1.002	1.006	1.002	1.006	1.003
0.995	0.994	1.001	1.005	1.002	1.006	1.002	1.006	1.003
0.995	0.992	1.004	1.003	1.005	1.005	1.007	1.007	1.006
0.975	0.97	0.973	0.967	0.969	0.966	0.967	0.964	0.968
0.979	0.977	0.975	0.971	0.972	0.968	0.97	0.967	0.97
0.98	0.976	0.976	0.972	0.974	0.97	0.972	0.968	0.972
0.982	0.979	0.985	0.981	0.984	0.983	0.983	0.982	0.984
0.988	0.986	0.994	0.995	0.993	0.996	0.993	0.995	0.994
0.982	0.979	0.985	0.981	0.984	0.983	0.983	0.982	0.984
0.994	0.993	1.002	1.002	1.002	1.003	1.004	1.004	1.003
0.994	0.993	1.002	1.002	1.002	1.003	1.004	1.004	1.003
0.995	0.992	1.005	1.003	1.007	1.004	1.008	1.006	1.008
0.988	0.983	0.993	0.989	0.993	0.989	0.993	0.99	0.993
0.978	0.975	0.972	0.968	0.969	0.966	0.967	0.964	0.967
0.978	0.975	0.972	0.968	0.969	0.966	0.967	0.964	0.967
0.988	0.984	0.993	0.989	0.991	0.989	0.991	0.989	0.992
0.988	0.984	0.993	0.989	0.991	0.989	0.991	0.989	0.992
0.973	0.969	0.963	0.959	0.96	0.957	0.957	0.954	0.957
0.973	0.969	0.963	0.959	0.96	0.957	0.957	0.954	0.957
0.98	0.975	0.979	0.973	0.976	0.972	0.975	0.971	0.976
0.98	0.975	0.979	0.973	0.976	0.972	0.975	0.971	0.976
0.966	0.955	0.971	0.957	0.973	0.959	0.975	0.962	0.973
0.98	0.977	0.979	0.975	0.978	0.974	0.976	0.972	0.976
0.973	0.97	0.965	0.961	0.962	0.959	0.959	0.957	0.96
0.973	0.97	0.965	0.961	0.962	0.959	0.959	0.957	0.96
0.98	0.978	0.972	0.97	0.969	0.968	0.966	0.966	0.966
0.98	0.978	0.972	0.97	0.969	0.968	0.966	0.966	0.966
0.98	0.978	0.972	0.97	0.969	0.968	0.966	0.966	0.966
0.98	0.978	0.972	0.97	0.969	0.968	0.966	0.966	0.966
0.99	0.991	0.995	1.002	0.995	1.002	0.995	1.002	0.995
0.99	0.991	0.995	1.002	0.995	1.002	0.995	1.002	0.995
0.99	0.991	0.995	1.002	0.995	1.002	0.995	1.002	0.995
0.99	0.991	0.995	1.002	0.995	1.002	0.995	1.002	0.995
0.979	0.976	0.971	0.969	0.968	0.966	0.966	0.964	0.966
0.981	0.976	0.984	0.978	0.985	0.978	0.984	0.979	0.984
0.981	0.976	0.984	0.978	0.985	0.978	0.984	0.979	0.984
0.978	0.976	0.97	0.968	0.967	0.965	0.964	0.963	0.964
0.972	0.963	0.97	0.953	0.97	0.954	0.964	0.951	0.964
0.972	0.963	0.97	0.953	0.97	0.954	0.964	0.951	0.964
0.973	0.967	0.973	0.966	0.97	0.965	0.968	0.963	0.969
0.977	0.971	0.971	0.965	0.968	0.963	0.965	0.961	0.966

0.983	0.982	0.982	0.983	0.981	0.982	0.98	0.98	0.979
0.981	0.976	0.967	0.953	0.969	0.954	0.963	0.949	0.963
0.98	0.977	0.979	0.975	0.978	0.974	0.976	0.972	0.976
0.995	0.992	1.005	1.003	1.007	1.004	1.008	1.006	1.008
0.97	0.967	0.964	0.961	0.959	0.96	0.956	0.957	0.958
0.988	0.984	0.993	0.989	0.991	0.989	0.991	0.989	0.992
0.975	0.972	0.974	0.97	0.971	0.97	0.969	0.968	0.97
0.968	0.964	0.96	0.954	0.956	0.953	0.954	0.951	0.955
0.973	0.964	0.971	0.956	0.971	0.957	0.967	0.955	0.966
0.973	0.964	0.971	0.956	0.971	0.957	0.967	0.955	0.966
0.978	0.976	0.97	0.967	0.967	0.965	0.964	0.963	0.964
0.978	0.976	0.97	0.967	0.967	0.965	0.964	0.963	0.964
0.974	0.966	0.977	0.967	0.978	0.968	0.979	0.97	0.978
0.988	0.986	0.994	0.995	0.993	0.996	0.993	0.995	0.994
0.97	0.967	0.961	0.957	0.957	0.955	0.955	0.953	0.955
0.974	0.966	0.975	0.965	0.976	0.966	0.977	0.968	0.975
0.97	0.961	0.967	0.953	0.969	0.954	0.963	0.949	0.963
1	1	1	1	1	1	1	1	1
0.983	0.981	0.985	0.984	0.984	0.986	0.984	0.985	0.985
0.988	0.984	0.993	0.989	0.992	0.989	0.993	0.99	0.993
1	1	1.008	1.009	1.01	1.01	1.011	1.011	1.011
1	1	1.007	1.01	1.008	1.011	1.008	1.011	1.009
0.971	0.967	0.964	0.959	0.96	0.958	0.957	0.955	0.958
0.98	0.973	0.98	0.972	0.979	0.972	0.978	0.972	0.979

2023	2023	2023	2023	2023	2023	2023	2023	2023
JAN_Night	FEB_Day	FEB_Night	MAR_Day	MAR_Night	APR_Day	APR_Night	MAY_Day	MAY_Night
0.968	0.969	0.966	0.976	0.977	0.998	0.985	0.994	0.983
0.968	0.969	0.966	0.976	0.977	0.998	0.985	0.994	0.983
0.968	0.969	0.966	0.976	0.977	0.998	0.985	0.994	0.983
0.968	0.969	0.966	0.976	0.977	0.998	0.985	0.994	0.983
0.978	0.982	0.976	0.985	0.982	1.003	0.984	0.999	0.983
0.959	0.958	0.955	0.965	0.967	0.983	0.97	0.984	0.973
0.959	0.958	0.955	0.965	0.967	0.983	0.97	0.984	0.973
0.963	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
1	1.007	1.002	1.004	0.998	1.018	0.993	1.015	0.992
1.007	1.005	1.006	1.005	1.005	1.021	1.003	1.015	1.001
0.996	0.993	0.995	0.994	0.996	1.011	0.996	1.007	0.997
0.975	0.982	0.979	0.981	0.977	0.997	0.975	0.995	0.974
0.959	0.958	0.955	0.965	0.967	0.983	0.97	0.984	0.973
0.959	0.958	0.955	0.965	0.967	0.983	0.97	0.984	0.973
0.949	0.954	0.946	0.96	0.955	0.979	0.961	0.978	0.962
0.949	0.954	0.946	0.96	0.955	0.979	0.961	0.978	0.962
0.949	0.954	0.946	0.96	0.955	0.979	0.961	0.978	0.962
0.962	0.965	0.96	0.971	0.968	0.994	0.977	0.99	0.976
0.997	1.003	0.999	1	0.995	1.014	0.99	1.011	0.989
0.966	0.967	0.963	0.974	0.973	0.992	0.977	0.991	0.978
0.952	0.954	0.949	0.961	0.959	0.982	0.965	0.98	0.966
0.952	0.954	0.949	0.961	0.959	0.982	0.965	0.98	0.966
0.969	0.971	0.967	0.976	0.974	0.998	0.982	0.994	0.98
0.96	0.975	0.964	0.972	0.96	0.988	0.956	0.986	0.955
0.957	0.958	0.954	0.965	0.964	0.986	0.969	0.984	0.97
0.965	0.968	0.962	0.974	0.972	0.993	0.978	0.992	0.978
0.978	0.982	0.976	0.985	0.982	1.003	0.984	0.999	0.983
0.965	0.966	0.962	0.971	0.97	0.995	0.979	0.991	0.977
0.965	0.966	0.962	0.971	0.97	0.995	0.979	0.991	0.977
0.973	0.979	0.971	0.982	0.976	0.999	0.979	0.995	0.978
0.986	0.984	0.984	0.986	0.988	1.003	0.988	0.999	0.988
0.976	0.977	0.974	0.98	0.981	0.997	0.983	0.994	0.984
0.976	0.977	0.974	0.98	0.981	0.997	0.983	0.994	0.984
0.985	0.983	0.983	0.985	0.987	1.002	0.987	0.998	0.988
0.985	0.983	0.983	0.985	0.987	1.002	0.987	0.998	0.988
0.971	0.983	0.975	0.98	0.971	0.995	0.967	0.994	0.967
0.952	0.954	0.949	0.961	0.959	0.982	0.965	0.98	0.966
0.955	0.958	0.952	0.964	0.962	0.986	0.969	0.983	0.969
0.955	0.958	0.952	0.964	0.962	0.986	0.969	0.983	0.969
0.955	0.958	0.952	0.964	0.962	0.986	0.969	0.983	0.969
0.962	0.963	0.959	0.969	0.967	0.994	0.976	0.99	0.975
0.962	0.963	0.959	0.969	0.967	0.994	0.976	0.99	0.975
0.985	0.983	0.983	0.985	0.987	1.002	0.987	0.998	0.988
0.961	0.962	0.959	0.968	0.967	0.993	0.977	0.988	0.976
0.949	0.954	0.946	0.96	0.955	0.979	0.961	0.978	0.962

0.983	0.984	0.981	0.986	0.986	1.002	0.987	0.999	0.988
0.968	0.971	0.966	0.976	0.974	0.996	0.98	0.993	0.979
0.968	0.971	0.966	0.976	0.974	0.996	0.98	0.993	0.979
0.966	0.978	0.97	0.976	0.967	0.991	0.966	0.989	0.966
0.971	0.983	0.975	0.98	0.971	0.995	0.967	0.994	0.967
0.956	0.957	0.953	0.964	0.963	0.986	0.97	0.984	0.97
0.961	0.962	0.959	0.968	0.967	0.993	0.977	0.988	0.976
0.961	0.962	0.959	0.968	0.967	0.993	0.977	0.988	0.976
1.007	1.002	1.006	1.001	1.005	1.018	1.003	1.013	1.004
0.958	0.959	0.955	0.965	0.964	0.988	0.972	0.985	0.972
0.958	0.959	0.955	0.965	0.964	0.988	0.972	0.985	0.972
0.963	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
0.978	0.982	0.979	0.983	0.977	1	0.978	0.997	0.978
0.956	0.958	0.953	0.964	0.962	0.987	0.97	0.984	0.97
1.008	1.003	1.007	1.003	1.006	1.019	1.005	1.015	1.006
0.97	0.972	0.969	0.975	0.973	0.995	0.979	0.991	0.977
0.981	0.985	0.979	0.984	0.979	1.002	0.981	0.993	0.975
0.981	0.985	0.979	0.984	0.979	1.002	0.981	0.993	0.975
0.981	0.985	0.979	0.984	0.979	1.002	0.981	0.993	0.975
0.974	0.982	0.979	0.981	0.977	0.997	0.974	0.995	0.974
0.974	0.982	0.979	0.981	0.977	0.997	0.974	0.995	0.974
0.975	0.982	0.979	0.981	0.977	0.997	0.975	0.995	0.974
0.975	0.982	0.979	0.981	0.977	0.997	0.975	0.995	0.974
0.952	0.954	0.949	0.961	0.959	0.982	0.965	0.98	0.966
0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
1.005	1.008	1.007	1.005	1.002	1.019	0.997	1.015	0.996
0.954	0.955	0.951	0.961	0.96	0.983	0.967	0.981	0.968
0.991	0.989	0.989	0.991	0.993	1.008	0.993	1.004	0.992
1.007	1.007	1.008	1.005	1.004	1.02	1	1.015	1
0.978	0.982	0.979	0.983	0.977	1	0.978	0.997	0.978
0.978	0.982	0.979	0.983	0.977	1	0.978	0.997	0.978
0.975	0.974	0.973	0.978	0.979	0.995	0.981	0.992	0.981
0.954	0.966	0.955	0.965	0.952	0.974	0.948	0.971	0.947
0.955	0.957	0.952	0.963	0.961	0.985	0.968	0.982	0.969
0.968	0.971	0.966	0.976	0.974	0.996	0.98	0.993	0.979
0.97	0.98	0.974	0.978	0.972	0.994	0.969	0.992	0.969
0.97	0.98	0.974	0.978	0.972	0.994	0.969	0.992	0.969
1.007	1.002	1.007	1.002	1.005	1.018	1.005	1.013	1.005
1.007	1.011	1.009	1.007	1.004	1.021	0.998	1.017	0.997
0.985	0.983	0.983	0.985	0.987	1.002	0.987	0.998	0.988
0.968	0.971	0.966	0.976	0.974	0.996	0.98	0.993	0.979
0.967	0.969	0.965	0.976	0.974	1.001	0.983	0.996	0.981
0.968	0.971	0.966	0.976	0.974	0.996	0.98	0.993	0.979
1.007	1.002	1.007	1.002	1.005	1.018	1.005	1.013	1.004
1.007	1.002	1.007	1.002	1.005	1.018	1.005	1.013	1.004
1.007	1.006	1.007	1.005	1.005	1.017	1.002	1.012	1
1.011	1.005	1.011	1.004	1.009	1.02	1.008	1.015	1.008
1.007	1.002	1.006	1.002	1.005	1.018	1.004	1.014	1.005
1.011	1.011	1.011	1.009	1.008	1.022	1.004	1.018	1.003
0.954	0.956	0.952	0.962	0.96	0.985	0.968	0.982	0.968

0.969	0.971	0.967	0.976	0.974	0.998	0.982	0.994	0.98
0.951	0.964	0.951	0.964	0.949	0.973	0.946	0.969	0.944
0.951	0.964	0.951	0.964	0.949	0.973	0.946	0.969	0.944
0.967	0.98	0.968	0.976	0.973	0.992	0.961	0.988	0.959
0.967	0.98	0.968	0.976	0.973	0.992	0.961	0.988	0.959
0.977	0.98	0.975	0.984	0.981	1.002	0.984	0.998	0.983
0.961	0.962	0.959	0.968	0.967	0.993	0.977	0.988	0.976
0.975	0.977	0.973	0.98	0.977	1	0.983	0.995	0.981
0.961	0.964	0.958	0.97	0.966	0.991	0.976	0.988	0.974
0.965	0.968	0.962	0.974	0.972	0.993	0.978	0.992	0.978
0.949	0.962	0.949	0.962	0.948	0.973	0.944	0.968	0.942
0.955	0.958	0.952	0.964	0.962	0.984	0.967	0.983	0.968
0.964	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
0.963	0.964	0.96	0.97	0.968	0.996	0.98	0.991	0.978
0.964	0.964	0.962	0.97	0.97	0.996	0.981	0.991	0.979
0.964	0.964	0.962	0.97	0.97	0.996	0.981	0.991	0.979
0.964	0.964	0.962	0.97	0.97	0.996	0.981	0.991	0.979
0.961	0.961	0.958	0.968	0.969	0.988	0.973	0.987	0.976
0.961	0.961	0.958	0.968	0.969	0.988	0.973	0.987	0.976
0.957	0.958	0.954	0.965	0.964	0.986	0.97	0.984	0.971
1.006	1.012	1.008	1.008	1.003	1.022	0.997	1.018	0.996
0.975	0.977	0.973	0.98	0.977	1	0.982	0.995	0.98
0.995	0.986	0.992	0.991	0.996	1.008	0.993	1.004	0.992
0.995	0.986	0.992	0.991	0.996	1.008	0.993	1.004	0.992
0.995	0.986	0.992	0.991	0.996	1.008	0.993	1.004	0.992
0.995	0.986	0.992	0.991	0.996	1.008	0.993	1.004	0.992
0.995	0.986	0.992	0.991	0.996	1.008	0.993	1.004	0.992
0.964	0.964	0.962	0.97	0.97	0.996	0.981	0.991	0.979
					0.994	0.967	0.993	0.967
0.994	0.998	0.994	0.998	0.994	1.016	0.997	1.011	0.995
0.973	0.979	0.971	0.982	0.976	0.999	0.979	0.995	0.978
0.973	0.979	0.971	0.982	0.976	0.999	0.979	0.995	0.978
0.99	0.992	0.988	0.994	0.991	1.011	0.993	1.006	0.991
0.99	0.992	0.988	0.994	0.991	1.011	0.993	1.006	0.991
0.965	0.966	0.962	0.971	0.97	0.995	0.979	0.991	0.977
0.97	0.979	0.974	0.978	0.971	0.993	0.969	0.992	0.969
0.97	0.979	0.974	0.978	0.971	0.993	0.969	0.992	0.969
0.966	0.978	0.97	0.976	0.967	0.991	0.966	0.989	0.966
0.966	0.978	0.969	0.975	0.966	0.991	0.963	0.989	0.963
0.982	0.986	0.981	0.989	0.985	1.006	0.988	1.002	0.986
0.997	1.003	0.999	1	0.995	1.014	0.99	1.011	0.989
0.97	0.979	0.969	0.98	0.971	0.997	0.975	0.992	0.973
0.965	0.965	0.962	0.971	0.97	0.996	0.98	0.991	0.978
0.983	0.985	0.982	0.985	0.981	1.002	0.981	0.994	0.977
0.97	0.969	0.967	0.974	0.974	0.999	0.984	0.994	0.983
0.97	0.969	0.967	0.974	0.974	0.999	0.984	0.994	0.983
0.97	0.969	0.967	0.974	0.974	0.999	0.984	0.994	0.983
0.965	0.965	0.962	0.97	0.97	0.996	0.981	0.992	0.979
0.965	0.969	0.962	0.975	0.972	0.994	0.976	0.992	0.977
0.962	0.965	0.96	0.971	0.968	0.994	0.977	0.99	0.976

0.967	0.978	0.966	0.979	0.967	0.993	0.969	0.989	0.967
1.012	1.006	1.012	1.005	1.01	1.02	1.007	1.015	1.007
1.0075	1.0025	1.0065	1.0025	1.0055	1.0185	1.0045	1.0135	1.0045
0.971	0.98	0.974	0.978	0.972	0.994	0.969	0.993	0.969
0.991	0.989	0.989	0.99	0.992	1.007	0.992	1.003	0.993
0.981	0.985	0.979	0.984	0.979	1.002	0.981	0.993	0.975
0.958	0.959	0.955	0.965	0.964	0.988	0.972	0.985	0.972
0.949	0.962	0.949	0.962	0.948	0.973	0.944	0.968	0.942
1.007	1.002	1.006	1.002	1.005	1.018	1.004	1.013	1.004
1.007	1.002	1.006	1.002	1.005	1.018	1.004	1.013	1.004
1.007	1.002	1.006	1.002	1.005	1.018	1.004	1.013	1.004
1.007	1.005	1.006	1.005	1.005	1.021	1.003	1.015	1.001
0.965	0.968	0.962	0.974	0.972	0.993	0.978	0.992	0.978
0.967	0.969	0.965	0.976	0.974	1.001	0.983	0.996	0.981
0.969	0.971	0.967	0.976	0.974	0.998	0.982	0.994	0.98
0.983	0.984	0.981	0.986	0.986	1.002	0.987	0.999	0.988
0.996	0.993	0.995	0.994	0.996	1.011	0.996	1.007	0.997
0.983	0.984	0.981	0.986	0.986	1.002	0.987	0.999	0.988
1.004	1.002	1.003	1.002	1.002	1.016	1	1.01	0.998
1.004	1.002	1.003	1.002	1.002	1.016	1	1.01	0.998
1.005	1.008	1.007	1.005	1.002	1.019	0.997	1.015	0.996
0.99	0.993	0.99	0.993	0.989	1.013	0.994	1.009	0.993
0.965	0.966	0.962	0.971	0.97	0.995	0.979	0.991	0.977
0.965	0.966	0.962	0.971	0.97	0.995	0.979	0.991	0.977
0.989	0.991	0.988	0.993	0.991	1.011	0.994	1.006	0.993
0.989	0.991	0.988	0.993	0.991	1.011	0.994	1.006	0.993
0.955	0.956	0.953	0.966	0.965	0.992	0.976	0.983	0.969
0.955	0.956	0.953	0.966	0.965	0.992	0.976	0.983	0.969
0.972	0.975	0.97	0.98	0.977	0.999	0.982	0.996	0.981
0.972	0.975	0.97	0.98	0.977	0.999	0.982	0.996	0.981
0.96	0.975	0.964	0.972	0.96	0.988	0.956	0.986	0.955
0.972	0.974	0.97	0.977	0.974	0.996	0.979	0.992	0.977
0.958	0.959	0.955	0.965	0.964	0.988	0.972	0.985	0.972
0.958	0.959	0.955	0.965	0.964	0.988	0.972	0.985	0.972
0.966	0.965	0.963	0.971	0.971	0.997	0.982	0.992	0.98
0.966	0.965	0.963	0.971	0.971	0.997	0.982	0.992	0.98
0.966	0.965	0.963	0.971	0.971	0.997	0.982	0.992	0.98
0.966	0.965	0.963	0.971	0.971	0.997	0.982	0.992	0.98
1.002	0.994	1.001	0.995	1.001	1.013	1.003	1.008	1.003
1.002	0.994	1.001	0.995	1.001	1.013	1.003	1.008	1.003
1.002	0.994	1.001	0.995	1.001	1.013	1.003	1.008	1.003
1.002	0.994	1.001	0.995	1.001	1.013	1.003	1.008	1.003
0.965	0.965	0.962	0.971	0.97	0.996	0.98	0.991	0.978
0.978	0.984	0.98	0.984	0.978	1.001	0.979	0.998	0.978
0.978	0.984	0.98	0.984	0.978	1.001	0.979	0.998	0.978
0.964	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
0.951	0.964	0.951	0.964	0.949	0.973	0.946	0.969	0.944
0.951	0.964	0.951	0.964	0.949	0.973	0.946	0.969	0.944
0.965	0.969	0.962	0.975	0.972	0.994	0.976	0.992	0.977
0.962	0.965	0.96	0.971	0.968	0.994	0.977	0.99	0.976

0.98	0.978	0.979	0.981	0.982	1	0.988	0.996	0.986
0.949	0.962	0.949	0.962	0.948	0.973	0.944	0.968	0.942
0.972	0.974	0.97	0.977	0.974	0.996	0.979	0.992	0.977
1.005	1.008	1.007	1.005	1.002	1.019	0.997	1.015	0.996
0.959	0.958	0.955	0.965	0.967	0.983	0.97	0.984	0.973
0.989	0.991	0.988	0.993	0.991	1.011	0.994	1.006	0.993
0.97	0.97	0.967	0.975	0.976	0.992	0.978	0.991	0.979
0.953	0.954	0.95	0.961	0.959	0.981	0.964	0.979	0.965
0.954	0.966	0.955	0.965	0.952	0.974	0.948	0.971	0.947
0.954	0.966	0.955	0.965	0.952	0.974	0.948	0.971	0.947
0.963	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
0.963	0.963	0.961	0.969	0.969	0.994	0.979	0.99	0.978
0.968	0.98	0.972	0.978	0.969	0.992	0.966	0.99	0.965
0.996	0.993	0.995	0.994	0.996	1.011	0.996	1.007	0.997
0.954	0.955	0.951	0.961	0.96	0.983	0.967	0.981	0.968
0.966	0.978	0.97	0.976	0.967	0.991	0.966	0.989	0.966
0.949	0.962	0.949	0.962	0.948	0.973	0.944	0.968	0.942
1	1	1	1	1	1	1	1	1
0.986	0.984	0.984	0.986	0.988	1.003	0.988	0.999	0.988
0.99	0.992	0.988	0.994	0.991	1.011	0.993	1.006	0.991
1.011	1.011	1.012	1.009	1.008	1.02	1.003	1.016	1.002
1.012	1.008	1.012	1.007	1.009	1.022	1.007	1.017	1.006
0.957	0.958	0.954	0.965	0.964	0.986	0.969	0.984	0.97
0.973	0.979	0.971	0.982	0.976	0.999	0.979	0.995	0.978

2023	2023	2023	2023	2023	2023	2023	2023
JUNE_Day	JUNE_Night	JULY_Day	JULY_Night	AUG_Day	AUG_Night	SEP_Day	SEP_Night
0.983	0.983	1.011	1.001	0.99	0.982	0.978	0.981
0.983	0.983	1.011	1.001	0.99	0.982	0.978	0.981
0.983	0.983	1.011	1.001	0.99	0.982	0.978	0.981
0.983	0.983	1.011	1.001	0.99	0.982	0.978	0.981
0.986	0.982	1.015	1.001	0.996	0.983	0.984	0.982
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.978	0.978	1.005	0.994	0.986	0.977	0.973	0.975
1.001	0.991	1.027	1.004	1.011	0.991	1.003	0.991
1.003	1.002	1.033	1.022	1.019	1.007	1.004	1.002
0.994	0.997	1.02	1.013	1.005	0.998	0.994	0.998
0.982	0.973	1.009	0.987	0.991	0.972	0.98	0.971
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.963	0.96	0.993	0.98	0.972	0.959	0.961	0.96
0.963	0.96	0.993	0.98	0.972	0.959	0.961	0.96
0.963	0.96	0.993	0.98	0.972	0.959	0.961	0.96
0.977	0.976	1.005	0.992	0.985	0.973	0.972	0.972
0.998	0.988	1.023	1.001	1.008	0.988	0.999	0.988
0.976	0.976	1.007	0.998	0.985	0.976	0.975	0.977
0.966	0.964	0.996	0.984	0.974	0.963	0.963	0.964
0.966	0.964	0.996	0.984	0.974	0.963	0.963	0.964
0.982	0.98	1.009	0.996	0.99	0.979	0.978	0.978
0.971	0.953	0.999	0.967	0.98	0.953	0.971	0.952
0.97	0.968	1	0.988	0.978	0.967	0.967	0.968
0.978	0.976	1.008	0.996	0.986	0.975	0.975	0.976
0.986	0.982	1.015	1.001	0.996	0.983	0.984	0.982
0.979	0.978	1.006	0.994	0.987	0.977	0.974	0.975
0.979	0.978	1.006	0.994	0.987	0.977	0.974	0.975
0.982	0.976	1.011	0.996	0.992	0.978	0.981	0.976
0.986	0.987	1.014	1.007	0.997	0.99	0.986	0.988
0.98	0.981	1.011	1.005	0.991	0.985	0.98	0.982
0.98	0.981	1.011	1.005	0.991	0.985	0.98	0.982
0.985	0.986	1.013	1.007	0.996	0.989	0.985	0.987
0.985	0.986	1.013	1.007	0.996	0.989	0.985	0.987
0.979	0.965	1.007	0.979	0.988	0.965	0.978	0.964
0.966	0.964	0.996	0.984	0.974	0.963	0.963	0.964
0.97	0.968	0.999	0.986	0.978	0.966	0.966	0.966
0.97	0.968	0.999	0.986	0.978	0.966	0.966	0.966
0.97	0.968	0.999	0.986	0.978	0.966	0.966	0.966
0.978	0.975	1.005	0.991	0.986	0.972	0.972	0.97
0.978	0.975	1.005	0.991	0.986	0.972	0.972	0.97
0.985	0.986	1.013	1.007	0.996	0.989	0.985	0.987
0.977	0.976	1.003	0.992	0.985	0.975	0.971	0.973
0.963	0.96	0.993	0.98	0.972	0.959	0.961	0.96

0.986	0.985	1.015	1.008	0.997	0.989	0.985	0.986
0.98	0.978	1.009	0.997	0.989	0.978	0.977	0.977
0.98	0.978	1.009	0.997	0.989	0.978	0.977	0.977
0.975	0.964	1.002	0.978	0.984	0.963	0.974	0.962
0.979	0.965	1.007	0.979	0.988	0.965	0.978	0.964
0.97	0.969	0.999	0.987	0.979	0.968	0.966	0.968
0.977	0.976	1.003	0.992	0.985	0.975	0.971	0.973
0.977	0.976	1.003	0.992	0.985	0.975	0.971	0.973
1.002	1.006	1.025	1.018	1.012	1.005	1.002	1.007
0.972	0.971	1	0.989	0.98	0.97	0.968	0.969
0.972	0.971	1	0.989	0.98	0.97	0.968	0.969
0.978	0.978	1.005	0.994	0.986	0.977	0.973	0.975
0.984	0.977	1.01	0.991	0.993	0.976	0.983	0.976
0.971	0.969	0.999	0.987	0.979	0.968	0.966	0.967
1.003	1.007	1.027	1.019	1.014	1.006	1.004	1.008
0.979	0.977	1.006	0.995	0.989	0.978	0.976	0.976
0.982	0.976	1.028	1.016	1.013	0.998	0.982	0.975
0.982	0.976	1.028	1.016	1.013	0.998	0.982	0.975
0.982	0.976	1.028	1.016	1.013	0.998	0.982	0.975
0.982	0.973	1.009	0.987	0.99	0.972	0.98	0.971
0.982	0.973	1.009	0.987	0.99	0.972	0.98	0.971
0.982	0.973	1.009	0.987	0.991	0.972	0.98	0.971
0.982	0.973	1.009	0.987	0.991	0.972	0.98	0.971
0.966	0.964	0.996	0.984	0.974	0.963	0.963	0.964
0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
1.002	0.996	1.027	1.008	1.012	0.996	1.004	0.996
0.968	0.967	0.996	0.985	0.976	0.965	0.963	0.965
0.991	0.991	1.02	1.011	1.003	0.994	0.991	0.991
1.003	1	1.027	1.012	1.013	1	1.004	1
0.984	0.977	1.01	0.991	0.993	0.976	0.983	0.976
0.984	0.977	1.01	0.991	0.993	0.976	0.983	0.976
0.978	0.979	1.008	1.003	0.989	0.983	0.977	0.979
0.958	0.946	0.984	0.96	0.966	0.945	0.957	0.945
0.969	0.967	0.997	0.986	0.977	0.966	0.965	0.966
0.98	0.978	1.009	0.997	0.989	0.978	0.977	0.977
0.978	0.967	1.005	0.981	0.987	0.966	0.977	0.966
0.978	0.967	1.005	0.981	0.987	0.966	0.977	0.966
1.002	1.006	1.025	1.018	1.012	1.005	1.003	1.007
1.004	0.997	1.029	1.009	1.014	0.997	1.006	0.996
0.985	0.986	1.013	1.007	0.996	0.989	0.985	0.987
0.98	0.978	1.009	0.997	0.989	0.978	0.977	0.977
0.984	0.982	1.011	0.998	0.992	0.979	0.978	0.978
0.98	0.978	1.009	0.997	0.989	0.978	0.977	0.977
1.002	1.006	1.025	1.018	1.012	1.005	1.003	1.007
1.002	1.006	1.025	1.018	1.012	1.005	1.003	1.007
1	1.001	1.028	1.019	1.014	1.004	1.001	1.001
1.004	1.01	1.026	1.021	1.014	1.009	1.005	1.011
1.003	1.006	1.026	1.019	1.013	1.005	1.003	1.007
1.005	1.003	1.029	1.016	1.016	1.003	1.007	1.004
0.969	0.968	0.997	0.985	0.977	0.966	0.964	0.966

0.982	0.98	1.009	0.996	0.99	0.979	0.978	0.978
0.956	0.943	0.982	0.958	0.964	0.942	0.955	0.942
0.956	0.943	0.982	0.958	0.964	0.942	0.955	0.942
0.974	0.958	1	0.971	0.983	0.957	0.976	0.957
0.974	0.958	1	0.971	0.983	0.957	0.976	0.957
0.985	0.982	1.014	1.002	0.995	0.983	0.984	0.981
0.977	0.976	1.003	0.992	0.985	0.975	0.971	0.973
0.983	0.981	1.009	0.996	0.991	0.98	0.981	0.979
0.975	0.974	1.002	0.991	0.983	0.972	0.97	0.97
0.978	0.976	1.008	0.996	0.986	0.975	0.975	0.976
0.955	0.941	0.981	0.956	0.964	0.94	0.955	0.94
0.968	0.966	0.999	0.986	0.977	0.965	0.966	0.966
0.978	0.978	1.005	0.994	0.987	0.977	0.973	0.975
0.979	0.978	1.006	0.994	0.987	0.976	0.973	0.974
0.98	0.98	1.007	0.996	0.988	0.979	0.974	0.977
0.98	0.98	1.007	0.996	0.988	0.979	0.974	0.977
0.98	0.98	1.007	0.996	0.988	0.979	0.974	0.977
0.973	0.972	1.003	0.995	0.981	0.973	0.97	0.973
0.973	0.972	1.003	0.995	0.981	0.973	0.97	0.973
0.97	0.969	1	0.989	0.979	0.968	0.967	0.969
1.005	0.995	1.03	1.008	1.015	0.995	1.007	0.995
0.983	0.981	1.009	0.995	0.991	0.98	0.981	0.979
0.991	0.991	1.019	1.011	1.002	0.994	0.99	0.991
0.991	0.991	1.019	1.011	1.002	0.994	0.99	0.991
0.991	0.991	1.019	1.011	1.002	0.994	0.99	0.991
0.991	0.991	1.019	1.011	1.002	0.994	0.99	0.991
0.991	0.991	1.019	1.011	1.002	0.994	0.99	0.991
0.98	0.98	1.007	0.996	0.988	0.979	0.974	0.977
0.978	0.965	1.006	0.979	0.987	0.964	0.977	0.963
0.999	0.995	1.026	1.011	1.01	0.996	0.999	0.994
0.982	0.976	1.011	0.996	0.992	0.978	0.981	0.976
0.982	0.976	1.011	0.996	0.992	0.978	0.981	0.976
0.994	0.991	1.024	1.012	1.007	0.995	0.993	0.991
0.994	0.991	1.024	1.012	1.007	0.995	0.993	0.991
0.979	0.978	1.006	0.994	0.987	0.977	0.974	0.975
0.978	0.967	1.005	0.981	0.987	0.966	0.977	0.965
0.978	0.967	1.005	0.981	0.987	0.966	0.977	0.965
0.975	0.964	1.002	0.978	0.984	0.963	0.974	0.962
0.975	0.961	1.002	0.975	0.984	0.961	0.974	0.96
0.989	0.985	1.018	1.005	1	0.987	0.988	0.985
0.998	0.988	1.023	1.001	1.008	0.988	0.999	0.988
0.98	0.972	1.005	0.987	0.988	0.971	0.978	0.97
0.979	0.979	1.006	0.994	0.988	0.978	0.974	0.976
0.982	0.977	1.025	1.012	1.009	0.995	0.982	0.977
0.983	0.984	1.009	0.999	0.991	0.983	0.977	0.981
0.983	0.984	1.009	0.999	0.991	0.983	0.977	0.981
0.983	0.984	1.009	0.999	0.991	0.983	0.977	0.981
0.98	0.98	1.007	0.996	0.988	0.979	0.974	0.977
0.978	0.975	1.008	0.995	0.986	0.973	0.975	0.974
0.977	0.976	1.005	0.992	0.985	0.973	0.972	0.972

0.976	0.966	1.002	0.98	0.984	0.965	0.975	0.965
1.004	1.009	1.026	1.021	1.014	1.008	1.005	1.01
1.0025	1.0065	1.0255	1.0185	1.0125	1.0055	1.0035	1.0075
0.979	0.968	1.006	0.981	0.987	0.967	0.977	0.966
0.99	0.992	1.017	1.01	1.001	0.994	0.99	0.993
0.982	0.976	1.028	1.016	1.013	0.998	0.982	0.975
0.972	0.971	1	0.989	0.98	0.97	0.968	0.969
0.955	0.941	0.981	0.956	0.964	0.94	0.955	0.94
1.002	1.006	1.025	1.018	1.012	1.005	1.002	1.007
1.002	1.006	1.025	1.018	1.012	1.005	1.002	1.007
1.002	1.006	1.025	1.018	1.012	1.005	1.002	1.007
1.003	1.002	1.033	1.022	1.019	1.007	1.004	1.002
0.978	0.976	1.008	0.996	0.986	0.975	0.975	0.976
0.984	0.982	1.011	0.998	0.992	0.979	0.978	0.978
0.982	0.98	1.009	0.996	0.99	0.979	0.978	0.978
0.986	0.985	1.015	1.008	0.997	0.989	0.985	0.986
0.994	0.997	1.02	1.013	1.005	0.998	0.994	0.998
0.986	0.985	1.015	1.008	0.997	0.989	0.985	0.986
0.998	0.999	1.028	1.018	1.013	1.004	0.999	0.999
0.998	0.999	1.028	1.018	1.013	1.004	0.999	0.999
1.002	0.996	1.027	1.008	1.012	0.996	1.004	0.996
0.996	0.992	1.023	1.008	1.007	0.993	0.996	0.992
0.979	0.978	1.006	0.994	0.987	0.977	0.974	0.975
0.979	0.978	1.006	0.994	0.987	0.977	0.974	0.975
0.994	0.992	1.022	1.011	1.006	0.994	0.993	0.992
0.994	0.992	1.022	1.011	1.006	0.994	0.993	0.992
0.974	0.973	1.001	0.989	0.979	0.968	0.966	0.966
0.974	0.973	1.001	0.989	0.979	0.968	0.966	0.966
0.983	0.98	1.012	1	0.992	0.98	0.98	0.979
0.983	0.98	1.012	1	0.992	0.98	0.98	0.979
0.971	0.953	0.999	0.967	0.98	0.953	0.971	0.952
0.98	0.978	1.006	0.992	0.988	0.977	0.978	0.976
0.972	0.971	1	0.989	0.98	0.97	0.968	0.969
0.972	0.971	1	0.989	0.98	0.97	0.968	0.969
0.981	0.981	1.007	0.997	0.989	0.98	0.975	0.978
0.981	0.981	1.007	0.997	0.989	0.98	0.975	0.978
0.981	0.981	1.008	0.997	0.989	0.98	0.975	0.978
0.981	0.981	1.008	0.997	0.989	0.98	0.975	0.978
0.997	1.003	1.022	1.018	1.007	1.003	0.996	1.003
0.997	1.003	1.022	1.018	1.007	1.003	0.996	1.003
0.997	1.003	1.022	1.018	1.007	1.003	0.996	1.003
0.997	1.003	1.022	1.018	1.007	1.003	0.996	1.003
0.979	0.979	1.006	0.994	0.988	0.978	0.974	0.976
0.985	0.977	1.011	0.991	0.994	0.977	0.984	0.976
0.985	0.977	1.011	0.991	0.994	0.977	0.984	0.976
0.978	0.978	1.005	0.994	0.987	0.977	0.973	0.975
0.956	0.943	0.982	0.958	0.964	0.942	0.955	0.942
0.956	0.943	0.982	0.958	0.964	0.942	0.955	0.942
0.978	0.975	1.008	0.995	0.986	0.973	0.975	0.974
0.977	0.976	1.005	0.992	0.985	0.973	0.972	0.972

0.985	0.987	1.01	1.001	0.992	0.986	0.982	0.985
0.955	0.941	0.981	0.956	0.964	0.94	0.955	0.94
0.98	0.978	1.006	0.992	0.988	0.977	0.978	0.976
1.002	0.996	1.027	1.008	1.012	0.996	1.004	0.996
0.969	0.97	1.001	0.993	0.978	0.97	0.967	0.973
0.994	0.992	1.022	1.011	1.006	0.994	0.993	0.992
0.976	0.976	1.006	0.998	0.985	0.977	0.974	0.977
0.965	0.963	0.995	0.983	0.974	0.962	0.962	0.963
0.958	0.946	0.984	0.96	0.966	0.945	0.957	0.945
0.958	0.946	0.984	0.96	0.966	0.945	0.957	0.945
0.978	0.978	1.005	0.994	0.986	0.977	0.973	0.975
0.978	0.978	1.005	0.994	0.986	0.977	0.973	0.975
0.976	0.963	1.003	0.977	0.985	0.963	0.975	0.962
0.994	0.997	1.02	1.013	1.005	0.998	0.994	0.998
0.968	0.967	0.996	0.985	0.976	0.965	0.963	0.965
0.975	0.964	1.002	0.978	0.984	0.963	0.974	0.962
0.955	0.941	0.981	0.956	0.964	0.94	0.955	0.94
1	1	1	1	1	1	1	1
0.986	0.987	1.014	1.007	0.997	0.99	0.986	0.988
0.994	0.991	1.024	1.012	1.007	0.995	0.993	0.991
1.004	1.002	1.028	1.015	1.014	1.002	1.006	1.003
1.005	1.007	1.028	1.019	1.016	1.007	1.007	1.008
0.97	0.968	1	0.988	0.978	0.967	0.967	0.968
0.982	0.976	1.011	0.996	0.992	0.978	0.981	0.976