

Primary SubStation	Grid Supply Point	Thermal Rating (Generation)	Contracted Generation	Mimimum Load	Thermal Headroom (Generation)
		MW	MW	MW	MW
Abernethy	Abernethy	2.50	0.80	0.38	2.08
Balbeggie	Abernethy	5.00	0.00	0.90	5.90
Bridge of Earn	Abernethy	7.00	0.00	0.60	7.60
Errol	Abernethy	5.00	0.00	0.74	5.74
Glendevon	Abernethy	4.00	0.60	0.13	3.53
Milnathort	Abernethy	7.50	1.64	2.93	8.79
Perth Harbour	Abernethy	10.00	0.20	3.83	13.63
Scone	Abernethy	7.50	0.10	0.85	8.25
Balddie	Alness	4.00	0.30	1.38	5.08
Contullich	Alness	0.10	0.00	0.02	0.12
Crosshills	Alness	7.50	0.00	0.99	8.49
Glastullich	Alness	4.00	0.33	0.19	3.86
Invergordon	Alness	7.50	2.00	0.40	5.90
Lealty	Alness	0.50	0.00	0.10	0.60
Nigg	Alness	7.50	0.00	0.02	7.52
Peddieston	Alness	2.50	0.00	0.30	2.80
Tain	Alness	7.50	0.00	1.93	9.43
Carnoustie	Arbroath	10.00	0.15	2.06	11.91
Charles Avenue	Arbroath	10.00	0.13	2.82	12.69
Elliot Depot	Arbroath	7.50	0.00	1.59	9.09
Hume Street	Arbroath	12.00	0.00	2.77	14.77
Redford	Arbroath	4.00	1.33	0.74	3.41
Aigas	Beaully	0.50	0.00	0.08	0.58
Blackstand	Beaully	6.00	0.00	0.75	6.75
Conon Bridge	Beaully	5.00	0.20	0.63	5.43
Dingwall	Beaully	7.50	3.45	2.69	6.74
Kiltarlity	Beaully	6.00	0.00	0.15	6.15
Marybank	Beaully	4.00	0.00	0.36	4.36
Muir of Ord	Beaully	12.00	0.00	5.52	17.52
Muirend	Beaully	6.00	0.00	1.59	7.59
North Kessock	Beaully	4.00	0.00	0.24	4.24
Aviemore	Boat of Garten	10.00	0.00	2.21	12.21
Ballindalloch	Boat of Garten	5.00	0.00	0.07	5.07
Boat of Garten	Boat of Garten	5.00	30.00	0.60	-24.40
Dalwhinnie	Boat of Garten	1.00	0.00	0.19	1.19
Grantown	Boat of Garten	7.50	0.00	1.38	8.88
Kingussie	Boat of Garten	7.00	0.65	0.48	6.83
Tomatin	Boat of Garten	2.00	0.00	0.10	2.10
Callander	Braco	4.00	1.46	1.07	3.61
Crieff	Braco	7.50	2.24	1.00	6.26
Dunblane	Braco	10.00	0.48	2.63	12.15
Forteviot	Braco	2.00	0.00	0.69	2.69
Gleneagles	Braco	7.50	0.48	3.71	10.73
Kippen	Braco	4.00	0.32	0.53	4.21
Brechin	Bridge of Dun	10.00	0.38	1.94	11.56
Bridge of Dun	Bridge of Dun	2.50	0.08	0.18	2.60
Glaxo	Bridge of Dun	10.00	0.00	0.26	10.26
Inchbare	Bridge of Dun	2.50	0.07	0.25	2.68
Logie Pert	Bridge of Dun	5.00	0.00	0.11	5.11
Mill Road	Bridge of Dun	10.00	0.00	2.14	12.14
Montrose North	Bridge of Dun	7.50	0.00	2.78	10.28
St Cyrus	Bridge of Dun	4.00	0.98	0.29	3.31
Achintee	Broadford	1.00	0.00	0.02	1.02
Broadford	Broadford	5.00	0.00	0.62	5.62
Kishorn Hill	Broadford	2.00	0.45	0.41	1.96
Kyle	Broadford	5.00	0.00	0.52	5.52
Lower Ollach	Broadford	1.00	0.00	0.12	1.12
Nostie Bridge	Broadford	2.50	1.20	0.69	1.99
Shieldaig	Broadford	1.00	0.90	0.16	0.26
Skulamus	Broadford	4.00	0.00	0.64	4.64
Brora	Brora	5.00	0.10	0.70	5.60
Dornoch	Brora	4.00	0.00	1.07	5.07

Golspie	Brora
Helmsdale	Brora
Burghmuir	Burghmuir
Goodlyburn	Burghmuir
North Muirton	Burghmuir
Redgorton	Burghmuir
Thimblerow	Burghmuir
Balliekine	Carradale
Ballure	Carradale
Brodick	Carradale
Campbeltown	Carradale
Claonaig	Carradale
Dippen	Carradale
Machrie	Carradale
West Parkfergus	Carradale
Whiting Bay	Carradale
Overscaig	Cassley
Rhiconich	Cassley
Drumnadrochit	Ceannacroc
Buttars Loan	Charleston
Charleston	Charleston
Gourdie	Charleston
Menzieshill	Charleston
Ninewells	Charleston
Butterbridge	Clachan
Douglas Pier	Clachan
Inveraray	Clachan
Lochgoilhead	Clachan
Strachur	Clachan
Balnagask	Clayhills
Clayhills	Clayhills
Commerce Street	Clayhills
Craiginches	Clayhills
Alyth	Coupar Angus
Blairgowrie	Coupar Angus
Caputh	Coupar Angus
Coupar Angus	Coupar Angus
Dalrulzion	Coupar Angus
Leoch	Coupar Angus
Craigiebuckler	Craigiebuckler
Craigton Cults	Craigiebuckler
Culter	Craigiebuckler
Ruthrieston	Craigiebuckler
Constable Street	Dudhope
Rosebank Street	Dudhope
Bruchag	Dunoon
Colintraive	Dunoon
Dunoon	Dunoon
Glendaruel	Dunoon
Innellan	Dunoon
Kames	Dunoon
Newton	Dunoon
Otter Ferry	Dunoon
Rothesay	Dunoon
Sandbank	Dunoon
Drynoch	Dunvegan
Dunvegan	Dunvegan
Portree	Dunvegan
Uig	Dunvegan
Balmedie	Dyce
Dyce North	Dyce
Ellon	Dyce
Kingseat	Dyce
Ashgrove	Elgin
Bilbohal	Elgin

4.00	0.00	0.54
2.50	0.00	0.51
10.00	1.00	2.80
10.00	0.00	2.50
10.00	0.00	1.58
7.50	0.60	1.30
15.00	0.00	4.65
1.00	0.50	0.09
2.50	1.93	0.27
4.00	0.20	1.53
7.50	2.80	2.28
0.20	0.00	0.05
1.00	0.00	0.22
2.50	0.00	0.29
4.00	0.00	1.49
4.00	0.10	0.42
0.10	0.00	0.01
2.50	0.00	0.75
6.00	0.00	0.71
10.00	0.00	0.47
10.00	0.00	1.55
5.00	0.00	0.81
7.50	0.11	2.00
7.50	0.00	2.36
0.15	0.00	0.01
2.50	0.42	0.14
2.50	0.00	0.47
1.50	0.00	0.05
1.00	0.40	0.17
11.50	1.00	1.31
12.00	0.00	5.22
11.50	0.00	4.20
10.00	0.00	3.77
5.00	0.25	0.94
11.50	0.40	2.64
7.50	4.89	1.31
5.00	0.00	1.75
2.50	0.55	0.41
5.00	1.90	0.30
12.00	0.00	0.69
10.00	0.80	1.78
10.00	0.00	2.62
11.50	0.00	2.92
15.00	0.00	1.56
11.50	0.00	5.50
10.00	0.00	1.17
0.30	0.00	0.06
12.00	0.00	1.79
0.30	0.00	0.07
5.00	0.00	0.23
2.50	0.00	0.18
0.30	0.00	0.05
2.50	0.00	0.20
12.00	0.00	1.18
3.50	0.65	0.65
2.50	0.66	0.20
2.50	0.00	0.75
4.00	0.00	1.00
2.50	0.00	0.37
4.00	0.30	0.40
12.00	0.00	4.33
10.00	0.73	2.90
5.00	1.70	0.30
10.00	0.00	0.14
12.00	0.00	0.80

4.54
3.01
11.80
12.50
11.58
8.20
19.65
0.59
0.84
5.33
6.98
0.25
1.22
2.79
5.49
4.32
0.11
3.25
6.71
10.47
11.55
5.81
9.39
9.86
0.16
2.22
2.97
1.55
0.77
11.81
17.22
15.70
13.77
5.69
13.74
3.92
6.75
2.36
3.40
12.69
10.98
12.62
14.42
16.56
17.00
11.17
0.36
13.79
0.37
5.23
2.68
0.35
2.70
13.18
3.50
2.04
3.25
5.00
2.87
4.10
16.33
12.17
3.60
10.14
12.80

Burghead	Elgin
Cumming Street	Elgin
Elgin	Elgin
Fochabers	Elgin
Kinloss	Elgin
Lhanbryde	Elgin
Lossiemouth	Elgin
Fasnakyle	Fasnakyle
Edzell	Fiddes
Inverbervie	Fiddes
Laurencekirk	Fiddes
Stonehaven	Fiddes
Aberchalder	Fort Augustus
Bunoich	Fort Augustus
Glen Laogh	Fort Augustus
Glendoe	Fort Augustus
Invergarry	Fort Augustus
Markethill	Fort Augustus
Annat	Fort William
Arisaig	Fort William
Corran	Fort William
Dailbeg	Fort William
Glensanda	Fort William
Glenuig	Fort William
Inverlochy	Fort William
Kingairloch	Fort William
Kinlochmoidart	Fort William
Liddesdale	Fort William
Lochaline	Fort William
Mallaig	Fort William
Pinegrove	Fort William
Poor House	Fort William
Rahoy	Fort William
Salen, Acharacle	Fort William
Shona Beag	Fort William
Strontian	Fort William
Fraserburgh	Fraserburgh
Overgate	Glenagnes
Walton	Glenagnes
Achiltibuie	Grudie Bridge
Aultbea	Grudie Bridge
Biden Clan Raonaid	Grudie Bridge
Comrie	Grudie Bridge
Conon Falls	Grudie Bridge
Drumrunie	Grudie Bridge
Garbat Forest	Grudie Bridge
Inverbroom	Grudie Bridge
Kerry Falls	Grudie Bridge
Kinlochewe	Grudie Bridge
Letterewe	Grudie Bridge
Loch Glascarnoch	Grudie Bridge
Lochinver	Grudie Bridge
Minor Grudie	Grudie Bridge
Ullapool	Grudie Bridge
Stockinish	Harris
Tarbert, Harris	Harris
Culloden	Inverness
Dalneigh	Inverness
Errogie	Inverness
Foyers	Inverness
Hilton	Inverness
Inverarnie	Inverness
Inverness	Inverness
Raigmore	Inverness
Waterloo Place	Inverness

7.50	0.00	1.21
12.00	0.00	2.14
10.00	0.00	0.68
7.50	0.00	1.98
7.50	0.90	0.45
5.00	0.00	0.24
7.50	0.00	2.55
1.00	2.50	0.03
4.00	0.00	0.44
4.00	1.68	0.53
5.00	1.19	0.81
12.00	1.80	2.40
0.20	0.00	0.02
1.00	0.00	0.05
0.10	0.00	0.01
7.50	0.95	0.47
0.50	0.00	0.13
1.00	0.10	0.06
5.00	0.35	0.79
2.50	0.00	0.14
2.50	0.25	0.44
0.10	0.00	0.01
7.50	0.05	0.03
0.10	0.00	0.01
7.50	2.15	2.27
0.10	0.00	0.01
0.80	0.95	0.03
0.10	0.00	0.01
5.00	0.40	0.14
4.00	0.80	0.17
10.00	0.00	1.93
0.10	0.00	0.01
0.10	0.00	0.01
2.50	0.57	0.47
0.10	0.00	0.01
2.50	0.20	0.12
10.00	0.00	6.52
30.00	3.00	5.40
12.00	0.00	1.53
1.00	0.00	0.12
6.00	0.10	0.46
0.10	0.00	0.02
0.10	0.00	0.01
0.50	0.00	0.05
0.15	0.00	0.08
0.10	0.00	0.01
0.10	0.00	0.05
6.00	1.30	0.53
1.00	0.00	0.22
0.10	0.00	0.01
0.50	0.30	0.01
2.50	0.24	0.52
0.10	0.00	0.01
2.50	0.00	0.56
1.00	0.20	0.20
2.50	0.00	0.40
7.50	0.24	2.88
12.00	0.00	2.50
0.30	0.75	0.05
5.00	0.00	0.10
12.00	0.00	2.54
2.50	0.00	0.07
10.00	2.23	2.14
12.00	0.12	4.57
11.50	0.00	4.27

8.71
14.14
10.68
9.48
7.05
5.24
10.05
-1.47
4.44
2.85
4.62
12.60
0.22
1.05
0.11
7.02
0.63
0.96
5.44
2.64
2.69
0.11
7.48
0.11
7.62
0.11
-0.12
0.11
4.74
3.37
11.93
0.11
0.11
2.40
0.11
2.42
16.52
32.40
13.53
1.12
6.36
0.12
0.11
0.55
0.23
0.11
0.15
5.23
1.22
0.11
0.21
2.78
0.11
3.06
1.00
2.90
10.14
14.50
-0.40
5.10
14.54
2.57
9.91
16.45
15.77

Wester Drummond	Inverness
Aberlour	Keith / MacDuff
Buckie	Keith / MacDuff
Cullen	Keith / MacDuff
Dufftown	Keith / MacDuff
Huntly	Keith / MacDuff
Insch	Keith / MacDuff
Keith	Keith / MacDuff
Limehillocks	Keith / MacDuff
MacDuff	Keith / MacDuff
Marnoch	Keith / MacDuff
Portsoy	Keith / MacDuff
Rothies	Keith / MacDuff
Turriff	Keith / MacDuff
Cashlie	Killin
Killin Town	Killin
Kingshouse	Killin
Loch Lubnaig	Killin
Lochearnhead	Killin
Glencoe	Kinlochleven
Kinlochleven	Kinlochleven
Banchory	Kintore
Fyvie	Kintore
Inverurie	Kintore
Kemnay	Kintore
Methlick	Kintore
Midmar	Kintore
Oldmeldrum	Kintore
Skene	Kintore
Torryburn	Kintore
Lairg	Lairg
Torboll	Lairg
Tressady	Lairg
Aird	Loch Carnan
Clachan	Loch Carnan
Drimore	Loch Carnan
Loch Carnan	Loch Carnan
Pollachar	Loch Carnan
Friokheim	Lunanhead
Inverarity	Lunanhead
Lochside	Lunanhead
Lunanhead	Lunanhead
Maryton	Lunanhead
Lochee	Lyndhurst
Lyndhurst	Lyndhurst
MacAlpine Road	Lyndhurst
West Kirkton	Lyndhurst
Ashludie	Milton of Craigie
Baldovie	Milton of Craigie
Broughty Ferry	Milton of Craigie
Edzell Street	Milton of Craigie
Longhaugh	Milton of Craigie
Milton of Craigie	Milton of Craigie
Old Craigie Road	Milton of Craigie
Bettyhill	Mybster
Coldbackie	Mybster
Latheron	Mybster
Melvich	Mybster
Wick	Mybster
Arderseir	Nairn
Dalcross	Nairn
Forres	Nairn
Lethen	Nairn
Nairn Central	Nairn
Bridge of Don	Persley

0.10	3.00	0.01
5.00	0.00	0.74
12.00	1.50	2.11
5.00	0.50	0.58
5.00	0.00	1.13
7.50	1.00	1.75
7.00	0.94	1.38
7.50	0.59	1.58
2.50	0.00	0.27
10.00	12.54	2.67
5.00	3.50	0.42
5.00	0.94	0.66
5.00	0.00	1.01
7.50	10.60	1.28
1.00	11.80	0.08
2.50	0.00	0.56
0.30	0.00	0.01
0.10	0.00	0.01
4.00	2.50	0.36
5.00	0.00	0.41
2.50	0.00	0.47
14.00	0.10	1.68
4.00	7.45	0.50
15.00	1.89	3.44
7.50	0.00	0.46
5.00	3.63	0.26
5.00	0.90	0.54
4.00	1.75	0.96
15.00	0.45	3.41
12.00	8.10	2.14
2.50	0.10	0.37
0.10	0.00	0.01
0.50	0.05	0.15
4.00	0.00	0.87
2.50	0.00	0.58
2.50	0.33	0.25
4.00	0.00	0.19
2.50	0.00	0.72
5.00	0.50	0.61
5.00	0.45	0.08
12.00	0.08	6.39
10.00	3.43	2.19
7.50	1.88	1.32
11.50	0.00	1.02
10.00	0.00	1.27
7.50	0.20	1.94
11.50	0.00	2.12
10.00	1.99	2.67
12.00	4.00	1.03
10.00	0.00	1.92
10.00	0.00	0.44
11.50	0.50	2.41
12.00	8.70	0.37
10.00	0.00	1.70
1.00	0.00	0.23
1.00	0.09	0.19
2.50	0.71	0.62
1.00	0.00	0.15
12.00	2.12	2.46
5.00	0.00	0.63
7.50	0.00	1.22
7.50	0.66	2.51
2.50	0.10	0.34
7.50	0.00	2.12
12.00	3.86	2.93

-2.89
5.74
12.61
5.08
6.13
8.25
7.44
8.49
2.77
0.13
1.92
4.72
6.01
-1.82
-10.72
3.06
0.31
0.11
1.86
5.41
2.97
15.58
-2.95
16.55
7.96
1.63
4.64
3.21
17.96
6.04
2.77
0.11
0.60
4.87
3.08
2.42
4.19
3.22
5.11
4.63
18.31
8.76
6.94
12.52
11.27
9.24
13.62
10.68
9.03
11.92
10.44
13.41
3.67
11.70
1.23
1.10
2.41
1.15
12.34
5.63
8.72
9.35
2.74
9.62
11.07

Haudagain	Persley
Northfield	Persley
St Machar	Persley
Stoneywood Mills T3	Persley
Whitestripes	Persley
Stoneywood T1 T2	Persley / Dyce
North Street	Peterhead Grange
Peterhead Grange	Peterhead Grange
Boddam	Peterhead Shell
Arigh-na-Brodaig	Port Ann
Bowmore	Port Ann
Crinan	Port Ann
Furnace Quarry	Port Ann
Inverneil	Port Ann
Lochgilphead	Port Ann
Lussagiven	Port Ann
Port Askaig	Port Ann
Port Ellen	Port Ann
Stonefield	Port Ann
Tarbert, Jura	Port Ann
Tarbert, Loch Fyne	Port Ann
Quoich	Quoich
Blackmount	Rannoch
Bridge of Gaur	Rannoch
Glen Etive	Rannoch
Tyndrum	Rannoch
Kincorth	Redmoss
Newtonhill	Redmoss
Park	Redmoss
Brae	Shetland
Firth	Shetland
Gremista	Shetland
Gutcher	Shetland
Mid Yell	Shetland
Scalloway	Shetland
Setter Sandwick	Shetland
Sumburgh	Shetland
Tumblin	Shetland
Unst	Shetland
Voe	Shetland
Gledfield	Shin
Shin	Shin
Sloy	Sloy
Dalchonzie	St Fillans
Arnish	Stornoway
Barvas	Stornoway
Battery Point	Stornoway
Callanish	Stornoway
Coll	Stornoway
Gisla	Stornoway
Laxay	Stornoway
Maaruig	Stornoway
Aberfoyle	Strathleven
Blairinnans	Strathleven
Drymen	Strathleven
Keppulloch	Strathleven
Killearn	Strathleven
Hatton	Strichen
Maud	Strichen
Mintlaw	Strichen
New Pitsligo	Strichen
Strichen	Strichen
Aboyne	Tarland
Ballater	Tarland
Mossat	Tarland

11.50	0.00	2.12
7.50	0.00	1.10
12.00	0.60	1.99
12.00	0.17	3.16
7.50	0.00	1.74
12.00	0.00	3.16
12.00	0.00	2.62
12.00	5.45	3.76
7.50	0.00	1.41
0.10	0.00	0.17
4.00	6.76	0.94
1.00	1.00	0.25
2.50	0.00	0.01
2.50	0.66	0.94
4.00	0.60	0.61
0.10	0.00	0.01
2.50	0.00	0.21
4.00	0.00	0.59
0.30	0.00	0.01
0.20	1.05	0.01
4.00	1.50	0.58
4.00	3.45	0.01
0.10	0.00	0.01
1.00	0.00	0.12
0.30	0.00	0.03
2.50	1.35	0.31
10.00	0.00	2.77
7.50	2.40	3.27
6.00	0.00	0.56
5.00	0.20	1.20
5.00	0.00	0.34
24.00	28.00	6.53
4.00	0.00	0.05
1.00	0.00	0.13
4.00	0.00	1.03
4.00	0.00	0.42
4.00	0.00	0.34
2.50	0.00	0.58
4.00	0.00	0.43
5.00	0.00	0.70
2.50	0.00	0.70
2.50	0.00	0.10
4.00	7.61	0.88
6.00	0.00	0.49
12.00	3.00	0.01
2.50	4.33	0.53
8.00	0.38	3.24
2.50	0.90	0.46
2.50	0.90	0.36
1.00	0.70	0.16
2.50	0.00	0.28
0.20	0.00	0.02
3.50	0.10	0.67
2.50	0.00	0.07
6.00	0.45	0.68
5.00	0.00	0.85
5.00	0.00	0.46
5.00	1.01	0.72
4.00	3.41	0.42
7.50	3.70	1.05
2.50	2.79	0.02
10.00	7.53	0.84
7.50	0.00	1.41
7.50	0.04	1.53
2.50	0.00	0.48

13.62
8.60
13.39
14.99
9.24
15.16
14.62
10.31
8.91
0.27
-1.82
0.25
2.51
2.78
4.01
0.11
2.71
4.59
0.31
-0.84
3.08
0.56
0.11
1.12
0.33
1.46
12.77
8.37
6.56
6.00
5.34
2.53
4.05
1.13
5.03
4.42
4.34
3.08
4.43
5.70
3.20
2.60
-2.73
6.49
9.01
-1.30
10.86
2.06
1.96
0.46
2.78
0.22
4.07
2.57
6.23
5.85
5.46
4.71
1.01
4.85
-0.27
3.31
8.91
8.99
2.98

Strathdon	Tarland
Whitehouse	Tarland
Barcaldine	Taynuilt
Bonawe	Taynuilt
Connel	Taynuilt
Dalmally	Taynuilt
Dervaig (incl Tiree)	Taynuilt
Eredine	Taynuilt
Kenmore	Taynuilt
Kerrera	Taynuilt
Kilchrenan	Taynuilt
Kilmelford	Taynuilt
Kilniver	Taynuilt
Kinloch	Taynuilt
Lochdonhead	Taynuilt
Oban	Taynuilt
Salen, Mull	Taynuilt
Scammadale	Taynuilt
Taynuilt	Taynuilt
Tiroran Bridge	Taynuilt
Burgar Hill	Thurso
Eday	Thurso
Flotta	Thurso
Forss	Thurso
Halkirk	Thurso
Hastigrow	Thurso
Kirkwall	Thurso
Lyness	Thurso
Mount Pleasant	Thurso
North Hoy	Thurso
Ormlie	Thurso
Rousay	Thurso
Sanday	Thurso
Shapinsay	Thurso
St Mary's	Thurso
Stromness	Thurso
Stronsay	Thurso
Westray	Thurso
Aberfeldy	Tummel Bridge
Bonskeid	Tummel Bridge
Calvine	Tummel Bridge
Fincastle	Tummel Bridge
Kinloch Rannoch	Tummel Bridge
Pitlochry	Tummel Bridge
Tummel Bridge	Tummel Bridge
Denburn	Willowdale
Greyfriars	Willowdale
Hayton	Willowdale
St Nicholas	Willowdale
Queens Lane North	Woodhill
Springhill	Woodhill
Woodhill	Woodhill

2.50	0.17	0.12
4.00	0.00	0.97
5.00	2.31	0.18
0.50	0.00	0.03
4.00	0.10	0.84
1.00	0.00	0.15
4.00	2.92	0.40
0.20	0.00	0.03
1.50	0.95	0.09
0.30	0.00	0.02
1.00	0.00	0.19
2.50	2.21	0.38
2.50	0.81	0.41
2.50	0.00	0.28
1.00	0.00	0.30
12.00	0.90	7.68
2.50	0.30	0.47
0.10	0.00	0.02
1.70	0.95	0.19
0.10	0.00	0.01
4.00	6.80	0.32
1.00	0.90	0.04
4.00	2.00	0.46
2.50	2.82	0.13
2.50	0.90	0.52
5.00	1.80	0.66
12.00	20.43	4.59
1.00	0.90	0.20
7.50	0.00	1.17
0.15	0.00	0.01
7.50	0.23	1.53
1.00	0.90	0.02
1.00	0.00	0.21
1.00	0.00	0.10
4.00	0.98	0.71
4.00	7.00	1.38
1.00	0.00	0.03
1.00	3.20	0.29
4.00	3.65	0.76
5.00	0.20	0.74
2.50	0.10	0.18
0.10	0.00	0.01
2.50	2.05	0.20
5.00	1.23	0.54
2.50	0.00	0.12
15.00	0.00	3.34
10.00	0.00	2.44
11.50	0.00	1.48
10.00	0.00	3.03
10.00	0.00	2.65
15.00	0.30	2.90
12.00	0.27	4.93

2.45
4.97
2.87
0.53
4.74
1.15
1.48
0.23
0.64
0.32
1.19
0.67
2.10
2.78
1.30
18.78
2.67
0.12
0.94
0.11
-2.48
0.14
2.46
-0.19
2.12
3.86
-3.84
0.30
8.67
0.16
8.80
0.12
1.21
1.10
3.73
-1.62
1.03
-1.91
1.11
5.54
2.58
0.11
0.65
4.31
2.62
18.34
12.44
12.98
13.03
12.65
17.60
16.66

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