

Enduring NTS Exit Capacity Indicative Prices

These indicative exit prices have been generated to seek to show how the level of NTS Exit (flat) Capacity bookings would affect prices post exit reform and should not be used for any other purpose.

The following Transportation Model inputs have been used:

Input	Value
Network	2009/10 ~ latest available model where National Grid can publish all of the data
Supply	December 2006 Ten Year Statement for 2009/10
Demand	2006 Forecast Demand for 2009/10 – zero for storage but capacity assumed to be booked at the baseline levels, zero for IUK
Balancing S&D	Merit Order – storage flows have been increased to offset increased demand due to 'interruptible' demand
Expansion Factor	Prevailing - £2223/GWhkm
Annuity Factor	0.10272

Indicative NTS Exit (Flat) Capacity prices have been generated based on a range of scenarios as follows:

Scenario	Demand in Node Data Table in Transportation Model (Column P)	Exit Capacity in Administered Exit Charges Table in Transportation Model (Column AD)	Target Exit Revenue
As-Is	Forecast Firm Demand <i>Total Demand: 6134 GWh</i>	Forecast Firm Demand <i>Total Demand: 6010 GWh</i>	£222m (Revenue Foregone collected through SO Commodity Charge)
1	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm <i>Total Demand: 6694 GWh</i>	Forecast Firm Demand - plus DC Interruptible Exit Capacity modelled as Firm - plus Storage Injection modelled at Baseline Exit Capacity - IUK Exit Capacity modelled at prevailing level <i>Total Demand: 7222 GWh</i>	£281m
2	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm - plus DN Interruptible Demand modelled as Firm <i>Total Demand: 7028 GWh</i>	Forecast Firm Demand - plus DC Interruptible Exit Capacity modelled as Firm - plus DN Interruptible Exit Capacity modelled as Firm - plus Storage Injection modelled at Baseline Exit Capacity - IUK Exit Capacity modelled at prevailing level <i>Total Demand: 7548 GWh</i>	
3	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm - plus DN Interruptible Demand modelled as Firm <i>Total Demand: 7028 GWh</i>	Forecast Firm Demand - plus DC Interruptible Exit Capacity modelled as Firm - plus DN Interruptible Exit Capacity modelled as Firm - plus Storage Injection modelled at Baseline Exit Capacity - plus IUK Exit Capacity modelled at baseline level <i>Total Demand: 8134 GWh</i>	

Indicative Exit Charges by Exit Point (p/kWh/day)

Exit Point	Indicative Exit Charge (p/kWh/day)			
	As-Is	Scenario 1	Scenario 2	Scenario 3
Bacton Interconnector (Firm)	0.0037	0.0046	0.0044	0.0040
ABERDEEN	0.0001	0.0001	0.0001	0.0001
ABERDULAIS	0.0001	0.0001	0.0001	0.0001
ABSON	0.0132	0.0141	0.0133	0.0129
AES_PARTINGTON_PG	0.0146	0.0156	0.0140	0.0136
ALBURY_(MRS)	0.0198	0.0207	0.0205	0.0201
ALREWAS_EM	0.0149	0.0158	0.0155	0.0151
ALREWAS_WM	0.0149	0.0158	0.0155	0.0151
AM_PAPER	0.0144	0.0153	0.0142	0.0138
ARMADALE	0.0001	0.0001	0.0001	0.0001
ASPLEY	0.0176	0.0185	0.0182	0.0179
ASSELBY	0.0022	0.0031	0.0027	0.0024
AUDLEY_NW	0.0161	0.0170	0.0168	0.0164
AUDLEY_WM	0.0161	0.0170	0.0168	0.0164
AUSTREY	0.0143	0.0152	0.0144	0.0140
AVONMOUTH_CHP	0.0148	0.0157	0.0117	0.0113
AVONMOUTH_LNG	0.0148	0.0157	0.0117	0.0113
AYLESBEARE	0.0209	0.0218	0.0210	0.0206
AYLESBURY	0.0156	0.0165	0.0162	0.0158
BACTON_OT	0.0037	0.0046	0.0044	0.0040
BAGLAN_BAY_PG	0.0001	0.0001	0.0001	0.0001
BALDERSBY	0.0061	0.0070	0.0058	0.0054
BALGRAY	0.0001	0.0001	0.0001	0.0001
BARKING_PG	0.0153	0.0162	0.0159	0.0155
BARRINGTON	0.0179	0.0188	0.0180	0.0176
BARTON_STACEY	0.0217	0.0226	0.0223	0.0219
BATHGATE	0.0001	0.0001	0.0001	0.0001
BEEFORD	0.0001	0.0001	0.0001	0.0001
BELTOFT	0.0018	0.0043	0.0039	0.0035
BILLINGHAM_ICI	0.0041	0.0050	0.0039	0.0035
BIRCH_HEATH	0.0175	0.0184	0.0173	0.0169
BISHOP_AUCKLAND	0.0022	0.0031	0.0019	0.0015
BLABY	0.0117	0.0126	0.0123	0.0119
BLACKNESS	0.0001	0.0001	0.0001	0.0001
BLACKROD	0.0117	0.0126	0.0115	0.0111
BLYBOROUGH	0.0005	0.0054	0.0052	0.0048
BOON	0.0001	0.0001	0.0001	0.0001
BP_GRANGEMOUTH	0.0001	0.0001	0.0001	0.0001
BP_SALTEND_HP	0.0001	0.0001	0.0001	0.0001
BRAISHFIELD_A_&_B	0.0231	0.0239	0.0237	0.0233
BRIDGE_FARM	0.0163	0.0172	0.0160	0.0157
BRIDGEWATER_PAPER	0.0177	0.0201	0.0190	0.0186
BRIGG_PG	0.0005	0.0054	0.0052	0.0048
BRIMSDOWN_PG	0.0163	0.0172	0.0170	0.0166
BRISLEY	0.0063	0.0072	0.0069	0.0065
BRITISHSUGAR_CANTLEY	0.0058	0.0067	0.0064	0.0061
BRITISHSUGAR_YORK	0.0042	0.0051	0.0047	0.0043
BROCKLESBY	0.0001	0.0010	0.0007	0.0003
BROXBURN	0.0001	0.0001	0.0001	0.0001
BRUNNER_MOND	0.0149	0.0158	0.0147	0.0143
BURLEY_BANK	0.0065	0.0074	0.0070	0.0066

Exit Point	As-Is	Scenario 1	Scenario 2	Scenario 3
BURSCOUGH	0.0116	0.0125	0.0114	0.0110
BURTON_AGNES	0.0001	0.0001	0.0001	0.0001
CALDECOTT	0.0096	0.0105	0.0102	0.0098
CAMBRIDGE	0.0129	0.0138	0.0135	0.0131
CARESTON	0.0001	0.0001	0.0001	0.0001
CARNFORTH	0.0074	0.0083	0.0072	0.0068
CAYTHORPE_(MRS)	0.0001	0.0001	0.0001	0.0001
CHALGROVE	0.0172	0.0181	0.0178	0.0174
CHESHIRE_(MRS)	0.0145	0.0154	0.0142	0.0139
CHURCHOVER	0.0121	0.0130	0.0122	0.0118
CIRENCESTER	0.0112	0.0121	0.0113	0.0109
COFFINSWELL	0.0233	0.0242	0.0235	0.0231
COLDSTREAM	0.0001	0.0001	0.0001	0.0001
CONNAHS_QUAY_PS	0.0173	0.0205	0.0193	0.0189
CORBRIDGE	0.0001	0.0001	0.0001	0.0001
CORBY_PS	0.0099	0.0108	0.0105	0.0101
CORYTON_PG	0.0155	0.0164	0.0161	0.0157
COTTAM_PG	0.0005	0.0054	0.0052	0.0048
COWPEN_BEWLEY	0.0039	0.0049	0.0037	0.0033
CRIEFF	0.0001	0.0001	0.0001	0.0001
DAMHEAD_CREEK	0.0150	0.0158	0.0156	0.0152
DEESIDE_PS	0.0177	0.0201	0.0190	0.0186
DIDCOT_A	0.0182	0.0192	0.0189	0.0186
DIDCOT_PS	0.0183	0.0192	0.0189	0.0185
DOWLAIS	0.0009	0.0018	0.0011	0.0007
DRAKELOW	0.0089	0.0098	0.0095	0.0091
DROINTON	0.0159	0.0168	0.0165	0.0161
DRUM	0.0001	0.0001	0.0001	0.0001
DYFFRYN_CLYDACH	0.0001	0.0001	0.0001	0.0001
DYNEVOR_ARMS_LNG	0.0004	0.0013	0.0006	0.0002
DYNEVOR_ARMS_TEE	0.0004	0.0013	0.0006	0.0002
EASINGTON&ROUGH_TERMINAL	0.0001	0.0001	0.0001	0.0001
EAST_ILSLEY	0.0187	0.0196	0.0194	0.0190
EASTOFT	0.0022	0.0044	0.0040	0.0036
EASTON_GREY	0.0117	0.0126	0.0118	0.0114
ECCLESTON	0.0190	0.0199	0.0188	0.0184
ELTON	0.0035	0.0044	0.0033	0.0029
ELVANFOOT	0.0001	0.0001	0.0001	0.0001
ELWORTH	0.0163	0.0172	0.0160	0.0157
ENRON_(BILLINGHAM)	0.0041	0.0051	0.0039	0.0035
EPPING_GREEN	0.0166	0.0175	0.0172	0.0168
EVESHAM	0.0083	0.0092	0.0084	0.0080
EYE	0.0081	0.0090	0.0087	0.0083
FARNINGHAM	0.0171	0.0180	0.0177	0.0173
FELINDRE	0.0001	0.0001	0.0001	0.0001
FERNY_KNOLL	0.0120	0.0129	0.0117	0.0114
FIDDINGTON	0.0071	0.0080	0.0073	0.0069
FLEETWOOD_(MRS)	0.0101	0.0110	0.0099	0.0095
FLEETWOOD_OT	0.0101	0.0110	0.0099	0.0095
GANSTEAD	0.0001	0.0001	0.0001	0.0001
GARTON_(MRS)	0.0001	0.0001	0.0001	0.0001
GILWERN	0.0020	0.0029	0.0021	0.0017
GLENMAVIS	0.0001	0.0001	0.0001	0.0001
GLENMAVIS_LNG	0.0001	0.0001	0.0001	0.0001
GOOLE	0.0025	0.0034	0.0031	0.0027

Exit Point	As-Is	Scenario 1	Scenario 2	Scenario 3
GOOLE_GLASS	0.0027	0.0036	0.0032	0.0028
GOSBERTON	0.0055	0.0064	0.0061	0.0057
GOWKHALL	0.0001	0.0001	0.0001	0.0001
GOXHILL	0.0001	0.0003	0.0001	0.0001
GRAIN_GAS	0.0150	0.0158	0.0156	0.0152
GRAVESEND_THAMES_SOUTH	0.0161	0.0170	0.0167	0.0163
GREAT_WILBRAHAM	0.0111	0.0120	0.0117	0.0113
GREAT_YARMOUTH	0.0037	0.0046	0.0044	0.0040
GUYZANCE	0.0001	0.0001	0.0001	0.0001
HARDWICK	0.0151	0.0159	0.0157	0.0153
HATFIELD_MOOR_(MRS)	0.0022	0.0044	0.0040	0.0036
HATTON	0.0025	0.0034	0.0032	0.0028
HAWARDEN	0.0174	0.0204	0.0192	0.0188
HAYS_CHEMICALS	0.0162	0.0172	0.0161	0.0157
HELSEBY	0.0189	0.0198	0.0186	0.0182
HOLEHOUSE_FARM_(MRS)	0.0149	0.0158	0.0155	0.0151
HOLLINGSGREEN	0.0163	0.0172	0.0160	0.0156
HOLMES_CHAPEL	0.0159	0.0168	0.0156	0.0152
HONEYBOURNE	0.0086	0.0095	0.0087	0.0083
HORNDON	0.0153	0.0162	0.0159	0.0155
HORNSEA_(MRS)	0.0001	0.0001	0.0001	0.0001
HUMBLETON	0.0001	0.0001	0.0001	0.0001
HUMBLY_GROVE_(MRS)	0.0217	0.0226	0.0223	0.0219
HUME	0.0001	0.0001	0.0001	0.0001
HUNTINGDON	0.0104	0.0113	0.0110	0.0106
ICI_RUNCORN	0.0193	0.0202	0.0191	0.0187
ILCHESTER	0.0170	0.0179	0.0171	0.0167
IMMINGHAM_PG	0.0001	0.0008	0.0005	0.0001
INVERURIE	0.0001	0.0001	0.0001	0.0001
IPSDEN	0.0180	0.0189	0.0186	0.0182
KEADBY_PS	0.0024	0.0046	0.0042	0.0039
KELD	0.0041	0.0050	0.0039	0.0035
KEMIRAINCE_CHP	0.0190	0.0199	0.0187	0.0183
KENN	0.0219	0.0228	0.0220	0.0216
KINGS_LYNN	0.0078	0.0087	0.0084	0.0080
KINGS_LYNN_PS	0.0087	0.0096	0.0093	0.0089
KINKNOCKIE	0.0001	0.0001	0.0001	0.0001
KIRKBY_MALLORY	0.0108	0.0117	0.0114	0.0111
KIRKSTEAD	0.0036	0.0045	0.0042	0.0039
KIRRIEMUIR	0.0001	0.0001	0.0001	0.0001
LANGAGE_PG	0.0219	0.0228	0.0220	0.0216
LANGHOLM	0.0001	0.0001	0.0001	0.0001
LEAMINGTON	0.0106	0.0115	0.0107	0.0104
LENNEL_TWEED_(N)	0.0001	0.0001	0.0001	0.0001
LITTLE_BARFORD_PS	0.0117	0.0126	0.0123	0.0120
LITTLE_BURDON	0.0033	0.0042	0.0030	0.0026
LITTLETON_DREW	0.0124	0.0133	0.0125	0.0121
LLANVETHERINE	0.0031	0.0040	0.0032	0.0028
LOCHSIDE	0.0001	0.0001	0.0001	0.0001
LOCKERBIE	0.0001	0.0001	0.0001	0.0001
LONGANNET	0.0001	0.0001	0.0001	0.0001
LONGTOWN	0.0001	0.0009	0.0001	0.0001
LOWER_QUINTON	0.0093	0.0102	0.0094	0.0090
LUPTON	0.0065	0.0074	0.0062	0.0058
LUXBOROUGH_LANE	0.0155	0.0164	0.0161	0.0157

Exit Point	As-Is	Scenario 1	Scenario 2	Scenario 3
MAELOR	0.0186	0.0195	0.0192	0.0188
MALPAS	0.0178	0.0187	0.0184	0.0181
MAPPOWDER	0.0189	0.0198	0.0190	0.0186
MARCHWOOD	0.0233	0.0242	0.0239	0.0235
MARKET_HARBOROUGH	0.0106	0.0115	0.0112	0.0108
MATCHING_GREEN	0.0157	0.0166	0.0163	0.0159
MEDWAY_PS	0.0149	0.0159	0.0157	0.0153
MELKINTHORPE	0.0034	0.0044	0.0032	0.0028
MICKLE_TRAFFORD	0.0184	0.0193	0.0182	0.0178
MILWICH	0.0165	0.0174	0.0171	0.0167
MOFFAT	0.0001	0.0001	0.0001	0.0001
MOSSIDE	0.0001	0.0001	0.0001	0.0001
NETHER_HOWCLEUGH	0.0001	0.0001	0.0001	0.0001
PANNAL	0.0061	0.0070	0.0066	0.0062
PARTINGTON	0.0146	0.0156	0.0140	0.0136
PARTINGTON_LNG	0.0146	0.0156	0.0140	0.0136
PAULL	0.0001	0.0001	0.0001	0.0001
PEMBROKE_PG	0.0001	0.0001	0.0001	0.0001
PENNINGTON	0.0041	0.0050	0.0039	0.0035
PETERBOROUGH_COMP_TEE	0.0076	0.0085	0.0082	0.0079
PETERBOROUGH_PS	0.0078	0.0087	0.0084	0.0080
PETERBOROUGH_TEE	0.0082	0.0091	0.0088	0.0085
PETERHEAD_PG	0.0001	0.0001	0.0001	0.0001
PETERS_GREEN	0.0149	0.0158	0.0155	0.0151
PHILLIPS_SEAL_SANDS	0.0036	0.0045	0.0033	0.0029
PICKERING	0.0001	0.0005	0.0001	0.0001
PITCAIRNGREEN	0.0001	0.0001	0.0001	0.0001
PUCKLECHURCH	0.0132	0.0141	0.0133	0.0129
RAWCLIFFE	0.0024	0.0033	0.0029	0.0025
ROCKSAVAGE_PG	0.0193	0.0202	0.0191	0.0187
ROLLS_ROYCE_ANSTY	0.0120	0.0129	0.0121	0.0117
ROLLS_WOOD	0.0001	0.0001	0.0001	0.0001
ROOSECOTE_PS	0.0032	0.0042	0.0031	0.0027
ROSS_SW	0.0046	0.0055	0.0048	0.0044
ROSS_WM	0.0046	0.0055	0.0048	0.0044
ROUDHAM_HEATH	0.0077	0.0086	0.0083	0.0079
ROYSTON	0.0127	0.0136	0.0134	0.0130
RUGBY	0.0116	0.0125	0.0117	0.0113
RYE_HOUSE_PS	0.0170	0.0179	0.0176	0.0172
SALTEND	0.0001	0.0002	0.0001	0.0001
SALTWICK	0.0001	0.0001	0.0001	0.0001
SAMLESBURY	0.0104	0.0113	0.0102	0.0098
SAPPAPERMILLCHP	0.0112	0.0121	0.0110	0.0106
SEABANK_LDZ	0.0149	0.0158	0.0118	0.0115
SEABANK_POWER_II	0.0148	0.0157	0.0117	0.0113
SELLAFIELD_PS	0.0014	0.0078	0.0067	0.0063
SEVERNSIDE_ICI	0.0147	0.0156	0.0118	0.0114
SHANGTON	0.0107	0.0116	0.0113	0.0109
SHORNE	0.0162	0.0171	0.0168	0.0164
SHOTTON_PAPER	0.0184	0.0193	0.0182	0.0178
SHUSTOKE	0.0153	0.0162	0.0155	0.0151
SILK_WILLOUGHBY	0.0047	0.0056	0.0053	0.0049
SOUTRA	0.0001	0.0001	0.0001	0.0001
SPALDING_PG	0.0058	0.0067	0.0064	0.0060
ST_FERGUS_OT	0.0001	0.0001	0.0001	0.0001

Exit Point	As-Is	Scenario 1	Scenario 2	Scenario 3
STALLINGBOROUGH_PS	0.0007	0.0016	0.0013	0.0009
STANFORD_LE_HOPE	0.0155	0.0164	0.0161	0.0157
STAYTHORPE	0.0023	0.0032	0.0029	0.0025
STEPPINGLEY	0.0130	0.0139	0.0136	0.0132
STRANRAER	0.0001	0.0001	0.0001	0.0001
STRATFORD_UPON_AVON	0.0094	0.0103	0.0095	0.0091
SUTTON_BRIDGE	0.0071	0.0080	0.0077	0.0073
SUTTON_BRIDGE_PS	0.0073	0.0082	0.0079	0.0075
TATSFIELD	0.0186	0.0195	0.0193	0.0189
TEESSIDE_BASF	0.0036	0.0045	0.0033	0.0029
TEESSIDE_HYDROGEN	0.0036	0.0045	0.0033	0.0029
THORNTON_CURTIS_LDZ	0.0001	0.0008	0.0005	0.0001
THORNTON_CURTIS_PG	0.0001	0.0008	0.0005	0.0001
THRINTOFT	0.0048	0.0057	0.0046	0.0042
TILBURY_THAMES_NORTH	0.0158	0.0167	0.0165	0.0161
TOW_LAW	0.0039	0.0048	0.0037	0.0033
TOWTON	0.0042	0.0051	0.0047	0.0043
TUR_LANGTON	0.0108	0.0116	0.0114	0.0110
TYDD_ST_GILES	0.0075	0.0085	0.0082	0.0078
WALESBY	0.0014	0.0023	0.0020	0.0017
WARBURTON	0.0144	0.0153	0.0142	0.0138
WARMINGHAM	0.0165	0.0174	0.0162	0.0158
WELTON_(MRS)	0.0005	0.0054	0.0052	0.0048
WEST_WINCH	0.0084	0.0093	0.0091	0.0087
WESTON_POINT	0.0193	0.0202	0.0191	0.0187
WETHERAL	0.0012	0.0021	0.0009	0.0005
WHITWELL	0.0145	0.0154	0.0151	0.0147
WINKFIELD	0.0198	0.0207	0.0205	0.0201
WINKFIELD_NT	0.0198	0.0207	0.0205	0.0201
WINKFIELD_SE	0.0198	0.0207	0.0205	0.0201
WINKFIELD_SO	0.0198	0.0207	0.0205	0.0201
YELVERTON	0.0058	0.0067	0.0064	0.0061
ZENECA	0.0036	0.0045	0.0033	0.0029

Indicative Exit Charges by Exit Zone (p/kWh/day)

Area	Zone	Average Indicative Exit Charge (p/kWh/day) by NTS Exit Zone			
		As-Is	Scenario 1	Scenario 2	Scenario 3
East of England	EA1	0.0077	0.0086	0.0084	0.0080
	EA2	0.0101	0.0110	0.0107	0.0103
	EA3	0.0058	0.0067	0.0064	0.0061
	EA4	0.0148	0.0157	0.0154	0.0150
	EM1	0.0001	0.0008	0.0005	0.0001
	EM2	0.0015	0.0056	0.0053	0.0049
	EM3	0.0139	0.0148	0.0145	0.0141
	EM4	0.0101	0.0110	0.0107	0.0103
North of England	NE1	0.0054	0.0063	0.0059	0.0055
	NE2	0.0001	0.0002	0.0001	0.0001
	NE3	0.0001	0.0001	0.0001	0.0001
	NO1	0.0022	0.0029	0.0020	0.0018
	NO2	0.0015	0.0024	0.0012	0.0008
London	NT1	0.0198	0.0207	0.0205	0.0201
	NT2	0.0155	0.0164	0.0161	0.0157
	NT3	0.0149	0.0158	0.0155	0.0151
North West	NW1	0.0107	0.0116	0.0105	0.0101
	NW2	0.0156	0.0165	0.0153	0.0149
Scotland	SC1	0.0001	0.0001	0.0001	0.0001
	SC2	0.0001	0.0001	0.0001	0.0001
	SC4	0.0001	0.0001	0.0001	0.0001
South of England	SE1	0.0178	0.0187	0.0185	0.0181
	SE2	0.0198	0.0207	0.0205	0.0201
	SO1	0.0151	0.0159	0.0157	0.0153
	SO2	0.0211	0.0220	0.0216	0.0212
Wales and the West	SW1	0.0070	0.0079	0.0072	0.0068
	SW2	0.0142	0.0151	0.0131	0.0128
	SW3	0.0214	0.0223	0.0215	0.0211
	WN	0.0186	0.0195	0.0192	0.0188
	WS	0.0011	0.0018	0.0012	0.0009
West Midlands	WM1	0.0171	0.0180	0.0177	0.0174
	WM2	0.0148	0.0157	0.0151	0.0147
	WM3	0.0101	0.0110	0.0102	0.0098