

Indicative NTS Exit (Flat) Capacity 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 prices are applicable for all UNC 0195 and UNC 0116 Modification proposals other than 0116A. The impact of the removal of revenue foregone on the SO Commodity charge would be a reduction of 0.0030 p/kWh based on the data used for the indicative charges.

[These prices and supporting commentary have been include in NTS Charging Methodology Consultation Document GCM05 and are include in this document sorted and categorised either as direct connects (DC) or by the relevant DN]

The following Transportation Model inputs have been used:

Input	Value
Network	2012/13
Supply	December 2007 Ten Year Statement for 2012/13
Demand	2007 Forecast Demand for 2012/13 – 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 the inclusion of previously ‘interruptible’ demand
Expansion Factor	1 st October 2008 - £2320/GWhkm (The Expansion Factor for October 2012/13 would be set in Summer 2009)
Anuitisation 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: 6227 GWh</i>	Forecast Firm Capacity - IUK Exit Capacity modelled at prevailing firm level <i>Total TO Capacity: 6130 GWh¹</i>	£235m (£58m Revenue Foregone collected through SO Commodity Charge)
1	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm <i>Total Demand: 6785 GWh</i>	Forecast Firm Capacity - plus DC Interruptible Exit Capacity modelled as Firm - plus Storage Injection modelled at Baseline Exit Capacity - IUK Exit Capacity modelled at prevailing firm level <i>Total TO Capacity: 7306 GWh</i>	£293m
2	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm - plus DN Interruptible Demand modelled as Firm <i>Total Demand: 7070 GWh</i>	Forecast Firm Capacity - 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 firm level <i>Total TO Capacity: 7569 GWh</i>	
3	Forecast Firm Demand - plus DC Interruptible Demand modelled as Firm - plus DN Interruptible Demand modelled as Firm <i>Total Demand: 7070 GWh</i>	Forecast Firm Capacity - 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 TO Capacity: 8155 GWh</i>	
4	Demand modelled as baseline - bi-directional exit points modelled as supplies <i>Total Demand: 7350 GWh</i>	Baseline Capacity <i>Total TO Capacity: 8626 GWh</i>	

¹ The TO Exit Capacity figure is less than the demand as incremental exit capacity has been included as a demand but not as capacity. This is because incremental capacity is treated as SO revenue and hence should not be used in the process of adjusting charges to collect TO allowed revenue.

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	Scenario 4	
ABSON	DC	0.0217	0.0224	0.0145	0.0143	0.0130
AM_PAPER	DC	0.0198	0.0198	0.0198	0.0197	0.0194
AVONMOUTH_LNG	DC	0.0233	0.0240	0.0128	0.0127	0.0113
Bacton Interconnector	DC	0.0003	0.0010	0.0015	0.0014	0.0006
BAGLAN_BAY_PG	DC	0.0067	0.0074	0.0001	0.0001	0.0001
BARKING_PG	DC	0.0102	0.0130	0.0135	0.0134	0.0126
BARTON_STACEY	DC	0.0221	0.0228	0.0233	0.0232	0.0224
BILLINGHAM_ICI	DC	0.0053	0.0053	0.0053	0.0052	0.0044
BP_GRANGEMOUTH	DC	0.0001	0.0001	0.0001	0.0001	0.0001
BP_SALTEND_HP	DC	0.0001	0.0001	0.0001	0.0001	0.0001
BRIDGEWATER_PAPER	DC	0.0218	0.0241	0.0246	0.0245	0.0237
BRIGG_PG	DC	0.0042	0.0049	0.0055	0.0053	0.0045
BRIMSDOWN_PG	DC	0.0134	0.0141	0.0146	0.0145	0.0137
BRITISHSUGAR_CANTLEY	DC	0.0025	0.0032	0.0037	0.0036	0.0027
BRITISHSUGAR_YORK	DC	0.0045	0.0045	0.0051	0.0049	0.0041
BRUNNER_MOND	DC	0.0203	0.0203	0.0203	0.0202	0.0199
CAYTHORPE_(MRS)	DC	0.0009	0.0001	0.0001	0.0001	0.0001
CHESHIRE_(MRS)	DC	0.0198	0.0199	0.0199	0.0197	0.0194
CONNAHS_QUAY_PS	DC	0.0214	0.0244	0.0249	0.0248	0.0240
CORBY_PS	DC	0.0098	0.0105	0.0110	0.0109	0.0101
CORYTON_PG	DC	0.0099	0.0128	0.0133	0.0132	0.0124
COTTAM_PG	DC	0.0042	0.0049	0.0055	0.0053	0.0045
DAMHEAD_CREEK	DC	0.0079	0.0108	0.0113	0.0112	0.0103
DEESIDE_PS	DC	0.0217	0.0241	0.0246	0.0245	0.0236
DIDCOT_A	DC	0.0185	0.0193	0.0198	0.0197	0.0189
DIDCOT_PS	DC	0.0186	0.0193	0.0198	0.0197	0.0188
DRAKELOW	DC	0.0147	0.0154	0.0159	0.0158	0.0090
DYNEVOR_ARMS_LNG	DC	0.0084	0.0091	0.0012	0.0010	0.0001
EASINGTON&ROUGH_TERMINAL	DC	0.0001	0.0001	0.0001	0.0001	0.0001
EASTOFT	DC	0.0037	0.0038	0.0043	0.0042	0.0034
ENRON_(BILLINGHAM)	DC	0.0053	0.0053	0.0053	0.0052	0.0044
FLEETWOOD_(MRS)	DC	0.0153	0.0153	0.0153	0.0152	0.0149
GARTON_(MRS)	DC	0.0001	0.0001	0.0001	0.0001	0.0001
GLENMAVIS_LNG	DC	0.0001	0.0001	0.0001	0.0001	0.0001
GOOLE_GLASS	DC	0.0029	0.0030	0.0035	0.0034	0.0026
GRAIN_GAS	DC	0.0079	0.0108	0.0113	0.0112	0.0103
GREAT_YARMOUTH	DC	0.0003	0.0010	0.0015	0.0014	0.0006
HATFIELD_MOOR_(MRS)	DC	0.0037	0.0038	0.0043	0.0042	0.0034
HAYS_CHEMICALS	DC	0.0202	0.0211	0.0216	0.0215	0.0207
HOLEHOUSE_FARM_(MRS)	DC	0.0181	0.0188	0.0193	0.0192	0.0184
HORNSEA_(MRS)	DC	0.0001	0.0001	0.0001	0.0001	0.0001

Exit Point	Indicative Exit Charge (p/kWh/day)					
	As-Is	Scenario 1	Scenario 2	Scenario 3	Scenario 4	
HUMBLY_GROVE_(MRS)	DC	0.0221	0.0228	0.0233	0.0232	0.0224
ICI_RUNCORN	DC	0.0234	0.0241	0.0247	0.0245	0.0237
IMMINGHAM_PG	DC	0.0001	0.0001	0.0006	0.0005	0.0001
KEADBY_PS	DC	0.0040	0.0040	0.0046	0.0044	0.0036
KEMIRAINCE_CHP	DC	0.0231	0.0238	0.0243	0.0242	0.0234
KINGS_LYNN_PS	DC	0.0055	0.0062	0.0067	0.0066	0.0057
LANGAGE_PG	DC	0.0308	0.0315	0.0236	0.0234	0.0221
LITTLE_BARFORD_PS	DC	0.0116	0.0123	0.0128	0.0127	0.0119
LONGANNET	DC	0.0001	0.0001	0.0001	0.0001	0.0001
MARCHWOOD	DC	0.0238	0.0245	0.0250	0.0249	0.0233
MEDWAY_PS	DC	0.0078	0.0109	0.0114	0.0113	0.0104
MOFFAT	DC	0.0017	0.0017	0.0017	0.0016	0.0013
PARTINGTON_LNG	DC	0.0200	0.0200	0.0200	0.0199	0.0192
PEMBROKE_PG	DC	0.0001	0.0001	0.0001	0.0001	0.0001
PETERBOROUGH_PS	DC	0.0074	0.0090	0.0095	0.0094	0.0076
PETERHEAD_PG	DC	0.0001	0.0001	0.0001	0.0001	0.0001
PHILLIPS_SEAL_SANDS	DC	0.0047	0.0047	0.0047	0.0046	0.0038
ROCKSAVAGE_PG	DC	0.0234	0.0241	0.0247	0.0245	0.0237
ROLLS_ROYCE_ANSTY	DC	0.0122	0.0129	0.0134	0.0132	0.0118
ROLLS_WOOD	DC	0.0001	0.0001	0.0001	0.0001	0.0001
ROOSECOTE_PS	DC	0.0080	0.0082	0.0082	0.0081	0.0078
RYE_HOUSE_PS	DC	0.0141	0.0148	0.0153	0.0152	0.0144
SALTEND	DC	0.0001	0.0001	0.0001	0.0001	0.0001
SAPPIPAPERMILLCHP	DC	0.0164	0.0164	0.0164	0.0163	0.0160
SEABANK_POWER_II	DC	0.0234	0.0241	0.0128	0.0127	0.0114
SELLAFIELD_PS	DC	0.0061	0.0119	0.0119	0.0118	0.0115
SEVERNSIDE_ICI	DC	0.0233	0.0240	0.0129	0.0128	0.0114
SHOTTON_PAPER	DC	0.0225	0.0232	0.0238	0.0236	0.0228
SPALDING_PG	DC	0.0055	0.0062	0.0068	0.0066	0.0058
STALLINGBOROUGH_PS	DC	0.0002	0.0009	0.0015	0.0013	0.0005
SUTTON_BRIDGE_PS	DC	0.0067	0.0074	0.0080	0.0078	0.0070
TEESSIDE_BASF	DC	0.0047	0.0047	0.0047	0.0046	0.0038
TEESSIDE_HYDROGEN	DC	0.0047	0.0047	0.0047	0.0046	0.0038
THORNTON_CURTIS_PG	DC	0.0001	0.0001	0.0006	0.0005	0.0001
WARMINGHAM	DC	0.0205	0.0212	0.0217	0.0216	0.0208
WELTON_(MRS)	DC	0.0042	0.0049	0.0055	0.0053	0.0045
ZENECA	DC	0.0047	0.0047	0.0047	0.0046	0.0038
BACTON_OT	EA	0.0003	0.0010	0.0015	0.0014	0.0006
BRISLEY	EA	0.0029	0.0036	0.0042	0.0040	0.0032
CAMBRIDGE	EA	0.0098	0.0105	0.0110	0.0109	0.0101
GREAT_WILBRAHAM	EA	0.0079	0.0086	0.0092	0.0090	0.0082
MATCHING_GREEN	EA	0.0128	0.0135	0.0140	0.0139	0.0131

Exit Point	Indicative Exit Charge (p/kWh/day)					
	As-Is	Scenario 1	Scenario 2	Scenario 3	Scenario 4	
PETERBOROUGH_TEE	EA 0.0078	0.0085	0.0091	0.0089	0.0081	
ROUDHAM_HEATH	EA 0.0044	0.0051	0.0056	0.0055	0.0047	
ROYSTON	EA 0.0097	0.0104	0.0109	0.0108	0.0100	
WEST_WINCH	EA 0.0052	0.0059	0.0064	0.0063	0.0055	
WHITWELL	EA 0.0115	0.0122	0.0127	0.0126	0.0118	
YELVERTON	EA 0.0025	0.0032	0.0037	0.0036	0.0027	
ALREWAS_EM	EM 0.0150	0.0157	0.0163	0.0161	0.0153	
BLABY	EM 0.0117	0.0124	0.0129	0.0128	0.0120	
BLYBOROUGH	EM 0.0042	0.0049	0.0055	0.0053	0.0045	
CALDECOTT	EM 0.0095	0.0102	0.0107	0.0106	0.0098	
DROINTON	EM 0.0161	0.0168	0.0173	0.0172	0.0164	
GOSBERTON	EM 0.0052	0.0059	0.0064	0.0063	0.0055	
KIRKBY_MALLORY***	EM 0.0126	0.0133	0.0139	0.0137	0.0111	
KIRKSTEAD	EM 0.0033	0.0040	0.0045	0.0044	0.0036	
MARKET_HARBOROUGH	EM 0.0105	0.0112	0.0118	0.0116	0.0108	
SILK_WILLOUGHBY	EM 0.0044	0.0051	0.0056	0.0055	0.0047	
SUTTON_BRIDGE	EM 0.0069	0.0076	0.0081	0.0080	0.0072	
THORNTON_CURTIS_LDZ	EM 0.0001	0.0001	0.0006	0.0005	0.0001	
TUR_LANGTON	EM 0.0107	0.0114	0.0119	0.0118	0.0110	
WALESBY	EM 0.0010	0.0017	0.0022	0.0021	0.0013	
ASSELBY	NE 0.0024	0.0025	0.0030	0.0029	0.0021	
BALDERSBY	NE 0.0073	0.0073	0.0079	0.0077	0.0069	
BURLEY_BANK	NE 0.0069	0.0069	0.0075	0.0073	0.0065	
GANSTEAD	NE 0.0001	0.0001	0.0001	0.0001	0.0001	
PANNAL	NE 0.0064	0.0065	0.0070	0.0069	0.0061	
PAULL	NE 0.0001	0.0001	0.0001	0.0001	0.0001	
PICKERING	NE 0.0035	0.0015	0.0021	0.0019	0.0011	
RAWCLIFFE	NE 0.0026	0.0026	0.0032	0.0030	0.0022	
TOWTON	NE 0.0045	0.0045	0.0051	0.0049	0.0041	
BISHOP_AUCKLAND	NO 0.0070	0.0070	0.0070	0.0069	0.0061	
COLDSTREAM	NO 0.0001	0.0001	0.0001	0.0001	0.0001	
CORBRIDGE	NO 0.0027	0.0027	0.0027	0.0026	0.0023	
COWPEN_BEWLEY	NO 0.0051	0.0051	0.0051	0.0050	0.0042	
ELTON	NO 0.0062	0.0057	0.0062	0.0061	0.0053	
GUYZANCE	NO 0.0003	0.0003	0.0003	0.0002	0.0001	
HUMBLETON	NO 0.0001	0.0001	0.0001	0.0001	0.0001	
KELD	NO 0.0090	0.0090	0.0090	0.0089	0.0086	
LITTLE_BURDON	NO 0.0066	0.0061	0.0066	0.0065	0.0057	
MELKINTHORPE	NO 0.0083	0.0083	0.0083	0.0082	0.0079	
SALTWICK	NO 0.0001	0.0001	0.0001	0.0001	0.0011	
THRINTOFT	NO 0.0082	0.0077	0.0082	0.0081	0.0073	
TOW_LAW	NO 0.0088	0.0089	0.0089	0.0087	0.0079	

Exit Point	Indicative Exit Charge (p/kWh/day)					
	As-Is	Scenario 1	Scenario 2	Scenario 3	Scenario 4	
WETHERAL	NO 0.0059	0.0060	0.0060	0.0058	0.0055	
HORNDON	NT 0.0102	0.0130	0.0135	0.0134	0.0126	
LUXBOROUGH_LANE	NT 0.0125	0.0132	0.0137	0.0136	0.0128	
PETERS_GREEN	NT 0.0119	0.0126	0.0131	0.0130	0.0122	
WINKFIELD_NT	NT 0.0202	0.0209	0.0214	0.0213	0.0205	
AUDLEY_NW	NW 0.0194	0.0201	0.0207	0.0205	0.0197	
BLACKROD	NW 0.0170	0.0170	0.0170	0.0169	0.0166	
ECCLESTON	NW 0.0225	0.0232	0.0237	0.0236	0.0228	
HOLMES_CHAPEL	NW 0.0206	0.0213	0.0213	0.0212	0.0209	
LUPTON	NW 0.0114	0.0115	0.0115	0.0114	0.0111	
MALPAS	NW 0.0212	0.0219	0.0224	0.0223	0.0215	
MICKLE_TRAFFORD	NW 0.0225	0.0232	0.0238	0.0236	0.0228	
PARTINGTON	NW 0.0200	0.0200	0.0200	0.0199	0.0192	
SAMLESBURY	NW 0.0156	0.0156	0.0156	0.0155	0.0152	
WARBURTON	NW 0.0198	0.0198	0.0198	0.0197	0.0194	
WESTON_POINT	NW 0.0234	0.0241	0.0247	0.0245	0.0237	
ABERDEEN	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
ARMADALE	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
BALGRAY	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
BATHGATE	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
BROXBURN	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
CARESTON	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
DRUM	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
GLENMAVIS	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
HUME	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
KINKNOCKIE	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
LANGHOLM	SC 0.0036	0.0037	0.0037	0.0035	0.0032	
LOCKERBIE	SC 0.0027	0.0028	0.0028	0.0027	0.0024	
MOSSIDE	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
NETHER_HOWCLEUGH	SC 0.0010	0.0010	0.0010	0.0009	0.0006	
PITCAIRNGREEN	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
SOUTRA	SC 0.0005	0.0006	0.0006	0.0004	0.0002	
ST_FERGUS_OT	SC 0.0001	0.0001	0.0001	0.0001	0.0001	
STRANRAER	SC 0.0017	0.0017	0.0017	0.0016	0.0013	
FARNINGHAM	SE 0.0102	0.0130	0.0135	0.0134	0.0126	
SHORNE	SE 0.0092	0.0120	0.0126	0.0124	0.0116	
TATSFIELD	SE 0.0118	0.0146	0.0151	0.0150	0.0142	
WINKFIELD_SE	SE 0.0202	0.0209	0.0214	0.0213	0.0205	
BRAISHFIELD_A_&_B	SO 0.0235	0.0242	0.0248	0.0246	0.0238	
HARDWICK	SO 0.0152	0.0159	0.0164	0.0163	0.0155	
IPSDEN	SO 0.0181	0.0188	0.0193	0.0192	0.0186	
MAPPOWDER	SO 0.0276	0.0283	0.0204	0.0203	0.0190	

Exit Point	Indicative Exit Charge (p/kWh/day)					
	As-Is	Scenario 1	Scenario 2	Scenario 3	Scenario 4	
WINKFIELD_SO	SO	0.0202	0.0209	0.0214	0.0213	0.0205
AYLESBEARE	SW	0.0297	0.0304	0.0225	0.0224	0.0211
CIRENCESTER	SW	0.0196	0.0203	0.0124	0.0123	0.0110
COFFINSWELL	SW	0.0323	0.0330	0.0251	0.0249	0.0206
EASTON_GREY	SW	0.0201	0.0208	0.0129	0.0128	0.0115
EVESHAM	SW	0.0160	0.0167	0.0094	0.0092	0.0079
FIDDINGTON	SW	0.0154	0.0161	0.0082	0.0080	0.0067
ILCHESTER	SW	0.0256	0.0263	0.0184	0.0183	0.0170
KENN	SW	0.0308	0.0315	0.0236	0.0234	0.0221
LITTLETON_DREW	SW	0.0208	0.0215	0.0136	0.0135	0.0122
PUCKLECHURCH	SW	0.0217	0.0224	0.0145	0.0143	0.0130
ROSS_SW	SW	0.0128	0.0135	0.0056	0.0054	0.0041
SEABANK_LDZ	SW	0.0235	0.0242	0.0129	0.0128	0.0115
ALREWAS_WM	WM	0.0150	0.0157	0.0163	0.0161	0.0153
ASPLEY	WM	0.0179	0.0186	0.0191	0.0190	0.0182
AUDLEY_WM	WM	0.0194	0.0201	0.0207	0.0205	0.0197
AUSTREY	WM	0.0144	0.0151	0.0156	0.0155	0.0141
LEAMINGTON	WM	0.0136	0.0143	0.0118	0.0117	0.0103
LOWER_QUINTON	WM	0.0153	0.0160	0.0104	0.0103	0.0089
MILWICH	WM	0.0167	0.0174	0.0179	0.0178	0.0170
ROSS_WM	WM	0.0128	0.0135	0.0056	0.0054	0.0041
RUGBY	WM	0.0126	0.0133	0.0128	0.0127	0.0114
SHUSTOKE	WM	0.0155	0.0162	0.0167	0.0166	0.0153
STRATFORD_UPON_AVON	WM	0.0149	0.0156	0.0105	0.0104	0.0091
MAELOR	WN	0.0220	0.0227	0.0232	0.0231	0.0223
DOWLAIS	WS	0.0089	0.0096	0.0017	0.0016	0.0002
DYFFRYN_CLYDACH	WS	0.0069	0.0076	0.0001	0.0001	0.0001
GILWERN	WS	0.0100	0.0107	0.0028	0.0026	0.0013