Gas Networks Ireland Transmssion Short Term Capacity Examples ***2022/23 (1st October'22 to 30th September'23)***

Time Periods

Daily	365
Monthly	12
Quarterly	4
Annual	1

2022/23 Capacity Tariffs

Entry Points:

	Inch Production Entry	€161.0326 per MWh
	Moffat Entry	€356.8212 per MWh
	Bellanaboy Entry	€721.6283 per MWh
	RNG Entry	€148.2507 per MWh
	Gormanston VRF Entry	€110.6007 per MWh

Exit Points:

	Onshore Exit	€501.6837 per MWh
	Gormanston Exit	€479.3716 per MWh
	Moffat VRF Exit	€319.7400 per MWh

Multipliers

Quarter	Months	Quarterly	Monthly	Daily	VRF Daily
	October		12.808349%	0.640418%	0.229180%
Q4	November	38.425047%	12.808349%	0.640418%	0.229180%
	December		17.077799%	1.138520%	0.407432%
	January		29.886148%	1.992410%	0.713005%
Q1	February	80.692600%	34.155598%	2.277040%	0.814863%
	March		25.616698%	1.707780%	0.611147%
	April		12.808349%	0.640418%	0.229180%
Q2	May	13.269450%	0.967742%	0.048387%	0.017316%
	June		0.967742%	0.048387%	0.017316%
	July		0.967742%	0.048387%	0.017316%
Q3	August	2.612903%	0.967742%	0.048387%	0.017316%
	September		0.967742%	0.048387%	0.017316%

NOTE: Quarterly, Monthly & Daily multiplier percentages have been rounded to 6 decimal places

Quarter	Months	Inch Production Entry Monthly €/peak day MWh	Inch Production Entry Daily €/peak day MWh	Moffat Entry Quarterly €/peak day MWh	Moffat Entry Monthly €/peak day MWh	Moffat Entry Daily €/peak day MWh
	October	20.625616	1.031282		45.702906	2.285147
Q4	November	20.625616	1.031282	137.108719	45.702906	2.285147
	December	27.500822	1.833388		60.937209	4.062481
	January	48.126437	3.208429		106.640116	7.109342
Q1	February	55.001643	3.666776	287.928314	121.874419	8.124962
	March	41.251232	2.750082		91.405812	6.093721
	April	20.625616	1.031282		45.702906	2.285147
Q2	May	1.558380	0.077919	47.348212	3.453109	0.172655
	June	1.558380	0.077919		3.453109	0.172655
	July	1.558380	0.077919		3.453109	0.172655
Q3	August	1.558380	0.077919	9.323392	3.453109	0.172655
	September	1.558380	0.077919		3.453109	0.172655

Quarter	Months	Bellanaboy Entry Monthly €/peak day MWh	Bellanaboy Entry Daily €/peak day MWh	RNG Entry Monthly €/peak day MWh	RNG Entry Daily €/peak day MWh
	October	92.428665	4.621437	18.988470	0.949424
Q4	November	92.428665	4.621437	18.988470	0.949424
	December	123.238222	8.215882	25.317960	1.687864
	January	215.666887	14.377793	44.306430	2.953762
Q1	February	246.476445	16.431764	50.635920	3.375728
	March	184.857330	12.323823	37.976940	2.531796
	April	92.428665	4.621437	18.988470	0.949424
Q2	May	6.983500	0.349174	1.434684	0.071734
	June	6.983500	0.349174	1.434684	0.071734
	July	6.983500	0.349174	1.434684	0.071734
Q3	August	6.983500	0.349174	1.434684	0.071734
	September	6.983500	0.349174	1.434684	0.071734

Quarter	Months	Exit Monthly	Exit Daily	Gormanston Exit Quarterly	Gormanston Exit Monthly	Gormanston Exit Daily
		€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh
	October	64.257400	3.212873		61.399589	3.069982
Q4	November	64.257400	3.212873	184.198768	61.399589	3.069982
	December	85.676535	5.711769		81.866121	5.457742
	January	149.933935	9.995596		143.265710	9.551048
Q1	February	171.353070	11.423539	386.817419	163.732241	10.915483
	March	128.514800	8.567654		122.799179	8.186613
	April	64.257400	3.212873		61.399589	3.069982
Q2	May	4.855004	0.242750	63.609977	4.639080	0.231954
	June	4.855004	0.242750		4.639080	0.231954
	July	4.855004	0.242750		4.639080	0.231954
Q3	August	4.855004	0.242750	12.525515	4.639080	0.231954
	September	4.855004	0.242750		4.639080	0.231954

Months	Moffat VRF Exit Daily	Gormanston VRF Entry Daily
	€/peak day MWh	€/peak day MWh
October	0.732780	0.253475
November	0.732780	0.253475
December	1.302723	0.450623
January	2.279762	0.788589
February	2.605443	0.901244
March	1.954081	0.675933
April	0.732780	0.253475
May	0.055366	0.019152
June	0.055366	0.019152
July	0.055366	0.019152
August	0.055366	0.019152
September	0.055366	0.019152

Example 1

How much are daily and monthly Exit and Moffat Entry Capacity charges in the period Oct'22-Sep'23

(a) How much does a MWh of short term Exit capacity cost for the month of January?
€501.6837 * 29.8861% = €149.93 per MWh

(b) How much does a MWh of short term Moffat Entry capacity cost for the month of June?
€356.8212 * 0.9677% = €3.45 per MWh

(c) How much does a MWh of short term Exit capacity cost for a day in January?
€501.6837 * 1.9924% = €10.00 per MWh

(d) How much does a MWh of short term Moffat Entry capacity cost for a day in June?
€356.8212 * 0.0484% = €0.17 per MWh

Example 2

Should I book Monthly or Daily Short Term Firm Exit Capacity?

If a shipper needs 21 days of short term Exit capacity during October then it would cost €67.4703 per MWh (€3.2129 per MWh x 21 days) and the Shipper would be better off booking the whole month of October at a cost of €64.257 per MWh.

But if a shipper needs 19 days of short term Exit capacity during October then it would cost €61.0446 per MWh (€3.2129 per MWh x 19 days) and the Shipper would be better off booking 19 days rather than the monthly product.

Example 3

Should I book Monthly or Daily Short Term Firm Inch Production Entry Capacity?

If a shipper needs 16 days of short term Inch Production Entry capacity during February then it would cost €58.668 per MWh (€3.667 per MWh x 16 days) and the Shipper would be better off booking the whole month of February at a cost of €55.002 per MWh.

If a shipper needs 14 days of short term Inch Production Entry capacity during February then it would cost €51.335 per MWh (€3.667 per MWh x 14 days) and the Shipper would be better off booking the 14 days rather than the monthly product.