Gas Networks Ireland Transmssion Short Term Capacity Examples ***2023/24 (1st October'23 to 30th September'24)***

Time Periods

Daily	366
Monthly	12
Quarterly	4
Annual	1

2023/24 Capacity Tariffs

Entry Points:

	Inch Production Entry	€203.7146 per MWh
	Moffat Entry	€399.5032 per MWh
	Bellanaboy Entry	€804.6951 per MWh
	RNG Entry	€190.9328 per MWh
	Gormanston VRF Entry	€145.6000 per MWh

Exit Points:

	Onshore Exit	€612.5892 per MWh
	Gormanston Exit	€590.3866 per MWh
	Moffat VRF Exit	€377.4678 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	26.092479	1.304625		51.169770	2.558491
Q4	November	26.092479	1.304625	153.509311	51.169770	2.558491
	December	34.789973	2.319332		68.226362	4.548424
	January	60.882453	4.058830		119.396132	7.959743
Q1	February	69.579946	4.638663	322.369558	136.452724	9.096849
	March	52.184959	3.478998		102.339541	6.822637
	April	26.092479	1.304625		51.169770	2.558491
Q2	May	1.971432	0.098571	53.011884	3.866161	0.193308
	June	1.971432	0.098571		3.866161	0.193308
	July	1.971432	0.098571		3.866161	0.193308
Q3	August	1.971432	0.098571	10.438632	3.866161	0.193308
	September	1.971432	0.098571		3.866161	0.193308

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	103.068157	5.153412	24.455333	1.222768
Q4	November	103.068157	5.153412	24.455333	1.222768
	December	137.424212	9.161615	32.607112	2.173808
	January	240.492368	16.032826	57.062445	3.804163
Q1	February	274.848423	18.323229	65.214224	4.347615
	March	206.136313	13.742422	48.910667	3.260711
	April	103.068157	5.153412	24.455333	1.222768
Q2	May	7.787372	0.389368	1.847736	0.092387
	June	7.787372	0.389368	1.847736	0.092387
	July	7.787372	0.389368	1.847736	0.092387
Q3	August	7.787372	0.389368	1.847736	0.092387
	September	7.787372	0.389368	1.847736	0.092387

Quarter	Months	Exit Monthly €/peak day MWh	Exit Daily €/peak day MWh	Gormanston Exit Quarterly €/peak day MWh	Gormanston Exit Monthly €/peak day MWh	Gormanston Exit Daily €/peak day MWh
	October	78.462561	3.923131		75.618775	3.780942
Q4	November	78.462561	3.923131	226.856325	75.618775	3.780942
	December	104.616750	6.974450		100.825035	6.721669
	January	183.079311	12.205288		176.443810	11.762921
Q1	February	209.233500	13.948901	476.398290	201.650071	13.443339
	March	156.925122	10.461676		151.237550	10.082504
	April	78.462561	3.923131		75.618775	3.780942
Q2	May	5.928283	0.296414	78.341053	5.713419	0.285670
	June	5.928283	0.296414		5.713419	0.285670
	July	5.928283	0.296414		5.713419	0.285670
Q3	August	5.928283	0.296414	15.426229	5.713419	0.285670
	September	5.928283	0.296414		5.713419	0.285670

Months	Moffat VRF Exit Daily €/peak day MWh	Gormanston VRF Entry Daily €/peak day MWh
October	0.865081	0.333686
November	0.865081	0.333686
December	1.537925	0.593221
January	2.691364	1.038135
February	3.075845	1.186440
March	2.306883	0.889830
April	0.865081	0.333686
May	0.065362	0.025212
June	0.065362	0.025212
July	0.065362	0.025212
August	0.065362	0.025212
September	0.065362	0.025212

Example 1

How much are daily and monthly Exit and Moffat Entry Capacity charges in the period Oct'23-Sep'24

(a) How much does a MWh of short term Exit capacity cost for the month of January?
€612.5892 * 29.8861% = €183.08 per MWh

(b) How much does a MWh of short term Moffat Entry capacity cost for the month of June?
€399.5032 * 0.9677% = €3.87 per MWh

(c) How much does a MWh of short term Exit capacity cost for a day in January?
€612.5892 * 1.9924% = €12.21 per MWh

(d) How much does a MWh of short term Moffat Entry capacity cost for a day in June?
€399.5032 * 0.0484% = €0.19 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 €82.3858 per MWh (€3.9231 per MWh x 21 days) and the Shipper would be better off booking the whole month of October at a cost of €78.463 per MWh.

But if a shipper needs 19 days of short term Exit capacity during October then it would cost €74.5395 per MWh (€3.9231 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 €74.219 per MWh (€4.639 per MWh x 16 days) and the Shipper would be better off booking the whole month of February at a cost of €69.580 per MWh.

If a shipper needs 14 days of short term Inch Production Entry capacity during February then it would cost €64.941 per MWh (€4.639 per MWh x 14 days) and the Shipper would be better off booking the 14 days rather than the monthly product.