

Short Term Capacity Examples 2019/20 (1st October'19 to 30th September'20)

Time Periods

Daily	366
Monthly	12
Quarterly	4
Annual	1

2019/20 Capacity Tariffs

Entry Points:

Inch Production Entry	€105.5566 per MWh
Moffat Entry	€301.3453 per MWh
Bellanaboy Entry	€619.4419 per MWh
Biogas Entry	€92.7748 per MWh
Gormanston VRF Entry	€65.1104 per MWh

Exit Points:

Onshore Exit	€367.6576 per MWh
Gormanston Exit	€345.3411 per MWh
Moffat VRF Exit	€250.0441 per MWh

Multipliers

Quarter	Months	Quarterly	Monthly	Daily	VRF Daily
Q4	October		12.808349%	0.640418%	0.229180%
	November	38.425047%	12.808349%	0.640418%	0.229180%
	December		17.077799%	1.138520%	0.407432%
Q1	January		29.886148%	1.992410%	0.713005%
	February	80.692600%	34.155598%	2.277040%	0.814863%
	March		25.616698%	1.707780%	0.611147%
Q2	April		12.808349%	0.640418%	0.229180%
	May	13.269450%	0.967742%	0.048387%	0.017316%
	June		0.967742%	0.048387%	0.017316%
Q3	July		0.967742%	0.048387%	0.017316%
	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	Inch	Inch	Moffat Entry	Moffat Entry	Moffat Entry
		Production Entry Quarterly	Production Entry Monthly	Production Entry Daily	Quarterly	Monthly	Daily
		€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh
Q4	October		13.520062	0.676004		38.597352	1.929869
	November	40.560187	13.520062	0.676004	115.792057	38.597352	1.929869
	December		18.026750	1.201783		51.463138	3.430876
Q1	January		31.546812	2.103121		90.060490	6.004033
	February	85.176393	36.053500	2.403567	243.163325	102.926275	6.861752
	March		27.040124	1.802675		77.194705	5.146314
Q2	April		13.520062	0.676004		38.597352	1.929869
	May	14.006785	1.021516	0.051076	39.986858	2.916245	0.145812
	June		1.021516	0.051076		2.916245	0.145812
Q3	July		1.021516	0.051076		2.916245	0.145812
	August	2.758092	1.021516	0.051076	7.873859	2.916245	0.145812
	September		1.021516	0.051076		2.916245	0.145812

Quarter	Months	Bellanaboy	Bellanaboy	Bellanaboy	Biogas Entry	Biogas Entry	Biogas Entry
		Entry Quarterly	Entry Monthly	Entry Daily	Quarterly	Monthly	Daily
		€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh	€/peak day MWh
Q4	October		79.340277	3.967017		11.882916	0.594146
	November	238.020830	79.340277	3.967017	35.648749	11.882916	0.594146
	December		105.787038	7.052470		15.843889	1.056259
Q1	January		185.127314	12.341822		27.726805	1.848454
	February	499.843751	211.574075	14.104939	74.862373	31.687777	2.112519
	March		158.680553	10.578704		23.765832	1.584389
Q2	April		79.340277	3.967017		11.882916	0.594146
	May	82.196529	5.994599	0.299729	12.310702	0.897820	0.044891
	June		5.994599	0.299729		0.897820	0.044891
Q3	July		5.994599	0.299729		0.897820	0.044891
	August	16.185415	5.994599	0.299729	2.424115	0.897820	0.044891
	September		5.994599	0.299729		0.897820	0.044891

Quarter	Months	Exit Quarterly	Exit Monthly	Exit Daily	Gormanston	Gormanston	Gormanston
		€/peak day MWh	€/peak day MWh	€/peak day MWh	Exit Quarterly	Exit Monthly	Exit Daily
Q4	October		47.090869	2.354545		44.232487	2.211626
	November	141.272607	47.090869	2.354545	132.697461	44.232487	2.211626
	December		62.787827	4.185855		58.976651	3.931777
Q1	January		109.878696	7.325247		103.209138	6.880610
	February	296.672479	125.575653	8.371711	278.664673	117.953301	7.863554
	March		94.181738	6.278783		88.464974	5.897665
Q2	April		47.090869	2.354545		44.232487	2.211626
	May	48.786142	3.557977	0.177898	45.824858	3.342010	0.167100
	June		3.557977	0.177898		3.342010	0.167100
Q3	July		3.557977	0.177898		3.342010	0.167100
	August	9.606537	3.557977	0.177898	9.023427	3.342010	0.167100
	September		3.557977	0.177898		3.342010	0.167100

Months	Moffat VRF	Gormanston
	Exit Daily	VRF Entry
	€/peak day MWh	€/peak day MWh
October	0.573051	0.149220
November	0.573051	0.149220
December	1.018760	0.265281
January	1.782827	0.464241
February	2.037517	0.530561
March	1.528137	0.397921
April	0.573051	0.149220
May	0.043298	0.011275
June	0.043298	0.011275
July	0.043298	0.011275
August	0.043298	0.011275
September	0.043298	0.011275

Example 1

How much are daily and monthly Exit and Moffat Entry Capacity charges in the period Oct'19-Sep'20

(a) How much does a MWh of short term Exit capacity cost for the month of January?

$$€367.6576 * 29.8861\% = €109.88 \text{ per MWh}$$

(b) How much does a MWh of short term Moffat Entry capacity cost for the month of June?

$$€301.3453 * 0.9677\% = €2.92 \text{ per MWh}$$

(c) How much does a MWh of short term Exit capacity cost for a day in January?

$$€367.6576 * 1.9924\% = €7.33 \text{ per MWh}$$

(d) How much does a MWh of short term Moffat Entry capacity cost for a day in June?

$$€301.3453 * 0.0484\% = €0.15 \text{ per MWh}$$

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 €49.4455 per MWh (€2.3545 per MWh x 21 days) and the Shipper would be better off booking the whole month of October at a cost of €47.091 per MWh.

But if a shipper needs 19 days of short term Exit capacity during October then it would cost €44.7364 per MWh (€2.3545 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 €38.457 per MWh (€2.404 per MWh x 16 days) and the Shipper would be better off booking the whole month of February at a cost of €36.053 per MWh.

If a shipper needs 14 days of short term Inch Production Entry capacity during February then it would cost €33.650 per MWh (€2.404 per MWh x 14 days) and the Shipper would be better off booking the 14 days rather than the monthly product.