

**Short Term Capacity Examples 2016/17 (1<sup>st</sup> October'16 to 30<sup>th</sup> September'17)**

**Time Periods**

Daily	365
Monthly	12
Annual	1

**2016/17 Capacity Tariffs**

	<b>€</b>	
Exit	428.352470	per MWh
Inch Storage Entry	53.057574	per MWh
Inch Production		
Entry	156.653032	per MWh
Moffat Entry	360.252908	per MWh
Bellnaboy Entry	610.463026	per MWh

**Multipliers**

	<b>Month</b>	<b>Day</b>
October	13.235294%	0.661765%
November	13.235294%	0.661765%
December	17.647059%	1.176471%
January	30.882353%	2.058824%
February	35.294118%	2.352941%
March	26.470588%	1.764706%
April	13.235294%	0.661765%
May	1.000000%	0.050000%
June	1.000000%	0.050000%
July	1.000000%	0.050000%
August	1.000000%	0.050000%
September	1.000000%	0.050000%

**Note: Monthly & Daily multiplier percentages have been rounded to 6 decimal places**

<b>Months</b>	<b>Exit</b>	<b>Exit</b>	<b>Inch</b>	<b>Inch</b>	<b>Inch</b>	<b>Inch</b>
	<b>Monthly</b>	<b>Daily</b>	<b>Storage</b>	<b>Storage</b>	<b>Production</b>	<b>Production</b>
	€/peak day	€/peak day	Entry	Entry	Entry	Entry
	MWh	MWh	Monthly	Daily	Monthly	Daily
			€/peak day	€/peak day	€/peak day	€/peak day
			MWh	MWh	MWh	MWh
October	56.693709	2.834685	7.022326	0.351116	20.733490	1.036674
November	56.693709	2.834685	7.022326	0.351116	20.733490	1.036674
December	75.591612	5.039441	9.363101	0.624207	27.644653	1.842977
January	132.285322	8.819021	16.385427	1.092362	48.378142	3.225209
February	151.183225	10.078882	18.726203	1.248414	55.289305	3.685954
March	113.387419	7.559161	14.044652	0.936310	41.466979	2.764465
April	56.693709	2.834685	7.022326	0.351116	20.733490	1.036674
May	4.283525	0.214176	0.530576	0.026529	1.566530	0.078327
June	4.283525	0.214176	0.530576	0.026529	1.566530	0.078327
July	4.283525	0.214176	0.530576	0.026529	1.566530	0.078327
August	4.283525	0.214176	0.530576	0.026529	1.566530	0.078327
September	4.283525	0.214176	0.530576	0.026529	1.566530	0.078327

Months	Moffat Entry	Moffat Entry	Bellnaboy	Bellnaboy
	Monthly	Daily	Entry	Entry Daily
	€/peak day	€/peak day	€/peak day	€/peak day
	MWh	MWh	MWh	MWh
October	47.680532	2.384027	80.796577	4.039829
November	47.680532	2.384027	80.796577	4.039829
December	63.574043	4.238270	107.728769	7.181918
January	111.254574	7.416972	188.525346	12.568356
February	127.148085	8.476539	215.457539	14.363836
March	95.361064	6.357404	161.593154	10.772877
April	47.680532	2.384027	80.796577	4.039829
May	3.602529	0.180126	6.104630	0.305232
June	3.602529	0.180126	6.104630	0.305232
July	3.602529	0.180126	6.104630	0.305232
August	3.602529	0.180126	6.104630	0.305232
September	3.602529	0.180126	6.104630	0.305232

### Example 1

#### How much are daily and monthly Exit and Moffat Entry Capacity charges in the period Oct'16-Sep'17

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

$€428.352 * 30.882\% = €132.285$  per MWh

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

$€360.253 * 1.000\% = €3.603$  per MWh

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

$€428.352 * 2.059\% = €8.819$  per MWh

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

$€360.253 * 0.050\% = €0.180$  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 €59.528 per MWh (€2.835 per MWh x 21 days) and the Shipper would be better off booking the whole month of October at a cost of €56.694 per MWh.

But if a shipper needs 19 days of short term Exit capacity during October then it would cost €53.859 per MWh ( $€2.835 \text{ per MWh} \times 19 \text{ days}$ ) 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 Storage Entry Capacity?**

If a shipper needs 16 days of short term Inch Storage Entry capacity during February then it would cost €19.975 per MWh ( $€1.248 \text{ per MWh} \times 16 \text{ days}$ ) and the Shipper would be better off booking the whole month of February at a cost of €18.726 per MWh.

If a shipper needs 14 days of short term Inch Storage Entry capacity during February then it would cost €17.478 per MWh ( $€1.248 \text{ per MWh} \times 14 \text{ days}$ ) and the Shipper would be better off booking the 14 days rather than the monthly product.