# Results for Multiple Round Ascending Clock Auctions

# Results for Multiple Round Ascending Clock Auctions at IP A-B for Year 1 & 2 (Bids and Allocations – No Pro Rata)

<u>Bur</u> Bid:	idled cap	acity A-E	<u>3</u>					Bids	<u>Bundle</u> Allocati	d capacity	<u> A-B</u>					
Yea	r 1	<b>S1</b>	<b>S2</b>	S3	<b>S4</b>	S5	S6	Total	Year 1	<b>S1</b>	S2	<b>S3</b>	<b>S4</b>	S5	S6	Total
P <sub>14</sub>	4.74 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	4.63 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	4.52 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	4.41 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	4.30 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	4.19 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	4.08 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	3.97 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	3.86 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	3.75 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	3.64 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	3.53 €	0	0	0	0	0	0	0	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	3.42 €	50,000	0	95,865	143,000	117,416	0	406,281	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	3.31 €	50,000	0	99,804	150,000	117,416	0	417,220	P <sub>1</sub>	0	0	0	0	0	0	0
Po	3.20 €	50,000	0	100,000	150,000	122,448	0	422,448	1 P <sub>0</sub>	50,000	0	100,000	150,000	122,448	0	422,448
					Total a	vailable ca	apacity	600,000					Total av	ailable capad	ity	600,000
Ves	r ?	<b>S</b> 1	52	<b>C2</b>		, ,			Vear 2	<b>S</b> 1	52	63		,		·
Yea	r 2 5.18 €	<b>S1</b>	<b>S2</b>	<b>S3</b>	S4	S5	S6	600,000 Total 0	Year 2	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	vailable capad	<b>S6</b>	600,000 Total
P <sub>14</sub>		_			<b>S4</b>	S5	<b>S6</b>	Total	P <sub>14</sub>				<b>S4</b>	<b>S</b> 5	<b>S</b> 6	Total
P <sub>14</sub> P <sub>13</sub>	5.18 €	0	0	0	\$4 0	<b>S5</b>	<b>S6</b>	Total 0	P <sub>14</sub> P <sub>13</sub>	0	0	0	<b>S4</b> 0	<b>S5</b>	<b>S6</b>	Total 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	5.18 € 5.06 €	0	0	0	\$4 0 0	\$5 0 0	\$6 0 0	Total 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	0	0	0	<b>S4</b> 0	<b>S5</b> 0 0	<b>S6</b> 0 0	Total 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	5.18 € 5.06 € 4.94 €	0 0 0	0 0 0	0 0 0	\$4 0 0	\$5 0 0	\$6 0 0	Total 0 0	P <sub>14</sub> P <sub>13</sub>	0 0 0	0 0 0	0 0 0	\$4 0 0 0	\$5 0 0 0	<b>S6</b> 0 0 0	Total 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	5.18 € 5.06 € 4.94 € 4.82 €	0 0 0	0 0 0	0 0 0 0	\$4 0 0 0 0	\$5 0 0 0	\$6 0 0 0	Total 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	0 0 0	0 0 0	0 0 0	\$4 0 0 0 0	\$5 0 0 0 0	\$6 0 0 0	Total 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 €	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 €	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	\$4 0 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	54 0 0 0 0 0 0	\$5 0 0 0 0 0 0	\$6 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	S4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 €	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 €	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 518,090	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.86 €	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 140,909 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 518,090 539,965	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.86 € 3.74 €	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 518,090	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

# Results for Multiple Round Ascending Clock Auctions at IP A-B for year 1 & 2 (Bids and Allocations – With Pro Rata)

<u>Bur</u> Bids		oacity A-	<u>B</u>					Bids	<u>Bundle</u> Allocati	d capaci <sup>.</sup> ons	ty A-B					
Yea	r <b>1</b>	<b>S1</b>	S2	S3	<b>S4</b>	<b>S</b> 5	S6	Total	Year 1	<b>S1</b>	S2	S3	<b>S4</b>	S5	S6	Total
P <sub>14</sub>	4.74 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	4.63 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	4.52 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	4.41 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	4.30 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	4.19 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	4.08 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	3.97 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	3.86 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	3.75 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	3.64 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	3.53 €	0	0	0	0	0	0	0	P <sub>3</sub>	0			_	_		0
P <sub>2</sub>	3.42 €	50,000	0	95,865	143,000	117,416	0	406281	P <sub>2</sub>	0	No A	Alloc	atio	n wi	th 🏻	0
P <sub>1</sub>	3.31 €	50,000	0	99,804	150,000	117,416	0	417220	P <sub>1</sub>					•••••	•••	0
$P_0$	3.20 €	50,000	0	100,000	150,000	122,448	0	422448	1 P <sub>0</sub>	0			_		_	0
					Total a	vailable ca	apacity	600,000			Pro	Rata	tor	IP A	- <b>B</b>	600,000
Yea	r <b>2</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>	Total a	vailable ca	sepacity S6	600,000 Total	Year 2	<b>S1</b>					-В	600,000 Total
Yea	<sup>-</sup> 2 5.18 €	<b>S1</b>	<b>S2</b>	<b>S3</b>				·	Year 2	0			tor ar 1		-В	
P <sub>14</sub>					<b>S4</b>	<b>S</b> 5	<b>S</b> 6	Total	P <sub>14</sub> P <sub>13</sub>	0					-B	Total
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	5.18 €	0 0 0	0 0 0	0 0 0	\$4 0 0	\$5 0 0	\$6 0 0	Total 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	0 0	fo	or Ye	ar 1	<b>&amp; 2</b>	0	Total 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	5.18 € 5.06 € 4.94 € 4.82 €	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0	\$5 0 0 0	\$6 0 0 0	Total 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	0 0 0	fo 0 0	or Ye	ar 1	& 2	0	Total 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 €	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0 0 0	0 0 0	or Ye	o 0 0 0	<b>&amp; 2</b>	0 0	Total 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 €	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	\$4 0 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0 0	Total 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0 0 0	0 0 0 0	o	o 0 0 0 0	& 2	0 0 0	Total 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0 0	0 0 0 0	o	o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	& 2	0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0 0	0 0 0 0 0	o	o	& 2	0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub>   P <sub>13</sub>   P <sub>12</sub>   P <sub>11</sub>   P <sub>10</sub>   P <sub>8</sub>   P <sub>7</sub>   P <sub>6</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 €	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	& 2	0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 €	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	o	& 2	0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	S4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	o	& 2	0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.86 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	S4 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	& 2	0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.86 € 3.74 €	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	& 2	0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub>   P <sub>13</sub>   P <sub>12</sub>   P <sub>11</sub>   P <sub>10</sub>   P <sub>10</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.74 € 3.62 €	0 0 0 0 0 0 0 0 0 0 0 0 0 0 50,000	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 140,909 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 3 3 3 4 4 4 2 3 4 4 4 4 4 4 4 4 4 4 4	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 518090 539965	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	& 2	0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.10 € 3.98 € 3.86 € 3.74 €	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 140,909 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	o o o o o o o o o o o o o o o o o o o	& 2	0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

# Results for Multiple Round Ascending Clock Auctions at IP B-C for Year 1 & 2 (Bids and Allocations – No Pro Rata)

Bunc	lled capa	city B-C							Bundled	capacity	<u>B-C</u>					
Bids									Allocatio	ns						
Year:	1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	S6	Total	Year 1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	S6	Total
P <sub>14</sub>	3.10 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.00 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	2.90 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	2.80 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	2.70 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0
$P_9$	2.60 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.50 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.40 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.30 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.20 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	2.10 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.00 €	0	0	0	0	0	0	0	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	1.90 €	47,000	80,000	95,865	150,000	0	0	372,865	1 P <sub>2</sub>	47,000	80,000	95,865	150,000	0	0	372,865
P <sub>1</sub>	1.80 €	50,000	80,000	99,804	150,000	117,416	0	497,220	P <sub>1</sub>	0	0	0	0	0	0	0
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	P <sub>0</sub>	0	0	0	0	0	0	0
					Total a	vailable ca	nacity	450,000					Total ave	ailabla aa.	:	450 000
					Total a	variable co	apacity	430,000					TOTAL AV	ailable ca	pacity	450,000
Year 2	2	<b>S1</b>	S2	<b>S3</b>	S4	S5	S6	Total	Year 2	<b>S1</b>	<b>S2</b>	<b>S3</b>	S4	S5	S6	Total
Year 2	2 3.54 €	<b>S1</b>	<b>S2</b>	\$3 0				1	Year 2 P <sub>14</sub>	<b>S1</b>	<b>S2</b>	<b>S3</b>				
		_			<b>S4</b>	<b>S</b> 5	S6	Total	P <sub>14</sub> P <sub>13</sub>			0	<b>S4</b> 0 0	<b>S</b> 5	<b>S6</b> 0 0	Total
P <sub>14</sub>	3.54 €	0	0 0 0	0 0 0	\$4 0 0	<b>S5</b>	\$6 0 0	Total 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	0 0 0	0	0 0 0	\$4 0 0 0	<b>S5</b>	<b>S6</b>	Total 0
P <sub>14</sub>	3.54 € 3.43 € 3.32 € 3.21 €	0 0 0 0	0 0 0	0 0 0	\$4 0 0 0 0	\$5 0 0 0	\$6 0 0 0	Total 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	0 0 0	0 0 0	0 0 0	\$4 0 0 0	\$5 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 €	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0 0	Total 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 €	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	\$4 0 0 0 0 0 0	\$5 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 €	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 €	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 332,196	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 70,588	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 131,373	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 332,196
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 €	0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 0 70,588 73,770	0 0 0 0 0 0 0 0 0 0 0 88,235 92,213	\$4 0 0 0 0 0 0 0 0 0 0 131,373 137,295	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 332,196 550,196	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1	0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 70,588	0 0 0 0 0 0 0 0 0 0 0 88,235	\$4 0 0 0 0 0 0 0 0 0 0 131,373	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 332,196
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 €	0 0 0 0 0 0 0 0 0 0 42,000 42,000	0 0 0 0 0 0 0 0 0 0 70,588 73,770 77,253	0 0 0 0 0 0 0 0 0 0 0 88,235 92,213	\$4 0 0 0 0 0 0 0 0 0 0 131,373 137,295 143,777	\$5 0 0 0 0 0 0 0 0 0 0 0 0 204,918 214,592	S6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 332,196 550,196 574,099	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 70,588	0 0 0 0 0 0 0 0 0 0 0 88,235	\$4 0 0 0 0 0 0 0 0 0 0 131,373 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 332,196 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 € 2.22 €	0 0 0 0 0 0 0 0 0 42,000 42,000 42,000	0 0 0 0 0 0 0 0 0 70,588 73,770 77,253	0 0 0 0 0 0 0 0 0 0 88,235 92,213 96,477	\$4 0 0 0 0 0 0 0 0 0 0 131,373 137,295 143,777 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 204,918 214,592 230,704	S6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 332,196 550,196 574,099 599,181	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 70,588 0	0 0 0 0 0 0 0 0 0 0 88,235 0	\$4 0 0 0 0 0 0 0 0 0 0 131,373 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 332,196 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 € 2.22 € 2.11 €	0 0 0 0 0 0 0 0 42,000 42,000 42,000 42,000	0 0 0 0 0 0 0 0 0 70,588 73,770 77,253 80,000	0 0 0 0 0 0 0 0 0 0 88,235 92,213 96,477 96,477 100,000	\$4 0 0 0 0 0 0 0 0 0 131,373 137,295 143,777 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 204,918 214,592 239,965	S6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 332,196 550,196 574,099 599,181 616,965	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	0 0 0 0 0 0 0 0 0 42,000 0	0 0 0 0 0 0 0 0 0 70,588 0 0	0 0 0 0 0 0 0 0 0 0 88,235 0 0	\$4 0 0 0 0 0 0 0 0 0 0 131,373 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	3.54 € 3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 € 2.22 €	0 0 0 0 0 0 0 0 0 42,000 42,000 42,000	0 0 0 0 0 0 0 0 0 70,588 73,770 77,253	0 0 0 0 0 0 0 0 0 0 88,235 92,213 96,477	\$4 0 0 0 0 0 0 0 0 0 131,373 137,295 143,777 150,000 150,000	\$5 0 0 0 0 0 0 0 0 0 0 0 204,918 214,592 230,704	S6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 332,196 550,196 574,099 599,181	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 70,588 0	0 0 0 0 0 0 0 0 0 0 88,235 0	\$4 0 0 0 0 0 0 0 0 0 131,373 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 332,196 0 0 0

# Results for Multiple Round Ascending Clock Auctions at IP B-C for year 1 & 2 (Bids and Allocations – With Pro Rata)

	l capacity E	<u> 3-C</u>								capacity I	<u>B-C</u>						
Bids		ī	ī	ı	1			, , , , , , , , , , , , , , , , , , , ,	Allocatio		1	ı	T	1	1		
Year 1		<b>S1</b>	S2	S3	S4	S5	S6	Total	Year 1	S1	S2	S3	S4	<b>S</b> 5	S6	Total	
P <sub>14</sub>	3.10 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0	
P <sub>13</sub>	3.00 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0	
P <sub>12</sub>	2.90 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0	
P <sub>11</sub>	2.80 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0	
P <sub>10</sub>	2.70 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0	
P <sub>9</sub>	2.60 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0	
P <sub>8</sub>	2.50 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0	
P <sub>7</sub>	2.40 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0	
P <sub>6</sub>	2.30 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0	
P <sub>5</sub>	2.20 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0	
P <sub>4</sub>	2.10 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0	
P <sub>3</sub>	2.00 €	0	0	0	0		0	,	P <sub>3</sub>	0	0	0	0	0	0	0	
P <sub>2</sub>	1.90 €	47,000	80,000	95,865	150,00	0	0	372865	1 P <sub>2</sub>	0	0	0	0		0	0	$\neg$
P <sub>1</sub>	1.80 €	50,000	80,000	99,804	150,000		0	497220	P <sub>1</sub>	48,861	80,000	98,308	150,000	72,831	0	450,000	7
P <sub>0</sub>	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502448	P <sub>0</sub>	0	0	0	0		0	0	
					Total a	vailable ca	pacity	450,000					Total a	vailable capa	city	450,000	
Year 2		<b>S1</b>	S2	S3	<b>S4</b>	S5	<b>S6</b>	Total	Year 2	<b>S1</b>	S2	S3	<b>S4</b>	<b>S</b> 5	<b>S6</b>	Total	
P <sub>14</sub>	3.54 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0		•	0	
P <sub>13</sub>	3.43 €	0	_	0	0	0							U	0	0		
P <sub>12</sub>		0	0	U	0	U	0	0	P <sub>13</sub>	0	0	0	0	0	0	0	
	3.32 €	0	0	0	0	0	0	0		0	0	0				0	-
P <sub>11</sub>	3.32 € 3.21 €					-			P <sub>13</sub>				0	0	0	_	
	_	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0	
P <sub>11</sub>	3.21 €	0	0	0	0	0	0	0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	0	0	0	0 0	0 0 0	0 0	0	
P <sub>11</sub> P <sub>10</sub>	3.21 € 3.10 €	0 0	0 0	0 0 0	0 0	0 0	0 0 0	0 0 0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0	0 0 0	0 0	0 0 0 0	0 0 0	0 0 0 0	0 0	_ _ _ _
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	3.21 € 3.10 € 2.99 €	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	_ _ _ _
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	3.21 € 3.10 € 2.99 € 2.88 €	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 €	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 €	0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 70,588	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 131,37	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 332196	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>5</sub> P <sub>4</sub>	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 €	0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 70,588 73,770	0 0 0 0 0 0 0 0 88,235 92,213	0 0 0 0 0 0 0 131,37 137,295	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 2 332196 550196	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 73,767	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 €	0 0 0 0 0 0 0 42,000 42,000	0 0 0 0 0 0 0 0 70,588 73,770 77,253	0 0 0 0 0 0 0 0 88,235 92,213	0 0 0 0 0 0 0 131,37 137,295 143,777	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 2 332196 550196 574099	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>5</sub> P <sub>4</sub> P <sub>9</sub>	0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 73,767	0 0 0 0 0 0 0 0 0 0 92,209	0 0 0 0 0 0 0 0 0 0 137,290	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 550,000	
P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 € 2.22 €	0 0 0 0 0 0 0 42,000 42,000 42,000	0 0 0 0 0 0 0 0 70,588 73,770 77,253	0 0 0 0 0 0 0 0 88,235 92,213 96,477	0 0 0 0 0 0 0 131,37 137,295 143,777 150,000	0 0 0 0 0 0 0 0 214,592 230,704	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 332196 550196 574099 599181	P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> 1 P <sub>5</sub> P <sub>4</sub> P <sub>5</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 73,767	0 0 0 0 0 0 0 0 0 0 92,209	0 0 0 0 0 0 0 0 0 0 137,290	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 550,000	

#### Summary of results from the multiple round ascending clock auctions:

#### Interconnection Point A - B

The auction at IP A-B closed at PO for year 1 and 2 as can be seen on page two; this is due to the fact that IP A-B is an uncongested point.

There were no pro rata allocations for IP A-B for year 1 and 2 as can be seen on page three because the auction closed at PO. Any unsold capacity at an uncongested point just rolls forward.

#### Interconnection Point B – C

The auction at IP B-C closed at the third price step, P2, for year 1 and at the sixth price step, P5, in year 2 as can be seen on page four. In both years there was unsold capacity when the auction closed. If there was a pro rata allocation mechanism in place then all shippers would have received additional capacity at P1 in year 1 and at P4 in year 2 as can be seen on page five. Please note that even though Shipper 5 did not place a bid at P5 in year 1 and year 2 they were still allocated some capacity at P4. This suggests that there some scope for strategic bidding if this pro rata allocation mechanism was introduced for unsold capacity.

#### Other comments from participants:

- When Shippers got their capacity at A-B for P0 then they couldn't raise the amount of capacity at B-C even though they may have had money in their budget for more capacity.
- If the algorithm envisages a number of price steps in each round like in our example (3 per round) and if such price steps are not properly designed, this could distort the bidding result/strategy. In our specific case the "small" price steps in each round where too big. In order to bid at all the three prices (with a view to be able to participate also in the following round), due to budget constraints,

we had to reduce the quantities at P2 and P3. Than the auction cleared at P0 at A-B and notwithstanding we had budget available for buying more capacity at B-D we got allocated a lower amount than possible as we had to reduce the quantities when we submitted the bids in order to meet the initial budget at all the three prices. This would have not happened if we had the algorithm with one price step for each round or the price differentials would have been lower within each round and higher between two rounds.

• Having said that we have noticed that differently from other groups (for the reasoning above) we changed our bidding curve with the two different algorithms. If we had only one price at each round we would have come with the same demand curve with both algorithms. This is due to the fact that we would have discovered that A-B was not congested as it would have cleared immediately at P0 knowing the we could have additional budget for bidding the quantity we wanted (100.000) also at P1 and P2 in B-C.

# Results for Single Round Volume Based Auctions with Stability Measures

# Results for <u>Day 1</u> of a Single Round Volume Based Auctions at IP A-B for Year 1 & 2 (Bids and Allocations – No Pro Rata)

<u>E</u>	Bune	dled cap	pacity A-	<u>B</u>						<u>Bundle</u>	d capacity	<u> А-В</u>					
Е	Bids								Bids	Allocation	ons						
Y	'ear	1	<b>S1</b>	S2	S3	S4	<b>S5</b>	S6	Total	Year 1	<b>S1</b>	S2	S3	<b>S4</b>	S5	S6	Total
P	14	4.74 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
P	13	4.63 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0
P	12	4.52 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0
P	11	4.41 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0
	10	4.30 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0
P	9	4.19 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0
P	8	4.08 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0
	7	3.97 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0
P	6	3.86 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0
P	5	3.75 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0
P	4	3.64 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0
P	3	3.53 €	0	0	0	0	0	0	0	P <sub>3</sub>	0	0	0	0	0	0	0
P	2	3.42 €	0	0	0	0	0	0	0	P <sub>2</sub>	0	0	0	0	0	0	0
P	1	3.31 €	0	0	0	0	0	0	U	$P_1$	0	0	0	0	0	0	0
P	o	3.20 €	50,000	0	100,000	150,000	122,448	0	422,448	1 10	50,000	0	100,000	150,000	122,448	0	422,448
						Total a	vailable cap	oacity	600,000					Total	available capa	city	600,000
		-															
	'ear				T										I		
	14		<b>S1</b>	S2	S3	S4	S5	\$6	Total	Year 2	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	<b>S6</b>	Total
		5.18 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
	13	5.18 € 5.06 €	0	0	0	0	0	0	0	P <sub>14</sub> P <sub>13</sub>	0	0	0	0	0	0	0
P	12	5.18 € 5.06 € 4.94 €	0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
P	12	5.18 € 5.06 € 4.94 € 4.82 €	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0
P	12 11 10	5.18 € 5.06 € 4.94 € 4.82 € 4.70 €	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
P	12 11 10	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 €	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0
P P	12 11 10 9	5.18 € 5.06 € 4.94 € 4.82 € 4.70 €	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0
P P P	12 11 10 9 8	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 €	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
P P P	12 11 10 9 8 7	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0
P P P	12 11 10 9 8	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 €	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0
P P P P	12 11 10 9 8 7 6	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 €	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
P P P P	12 11 10 9 8 7 6	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0
P P P P	11 10 9 8 7 7 6 6 5 4 3 2 2	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 € 3.86 €	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0

Total available capacity

800,000

Total available capacity

# Results for <u>Day 1</u> of a Single Round Volume Based Auctions at IP A-B for Year 1 & 2 (Bids & Allocations – With Pro Rata)

<u>Bun</u>	dled capac	ity A-B					<u>Bunc</u>	lled capacity	<u>/ A-B</u>							
Bids								Bids	Allocati	ons						
Year	1	<b>S1</b>	S2	S3	<b>S4</b>	<b>S</b> 5	S6	Total	Year 1	S1	S2	S3	S4	S5	S6	Total
P <sub>14</sub>	4.74 €	0	0	0	0	0	0	0	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	4.63 €	0	0	0	0	0	0	0	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	4.52 €	0	0	0	0	0	0	0	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	4.41 €	0	0	0	0	0	0	0	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	4.30 €	0	0	0	0	0	0	0	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	4.19 €	0	0	0	0	0	0	0	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	4.08 €	0	0	0	0	0	0	0	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	3.97 €	0	0	0	0	0	0	0	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	3.86 €	0	0	0	0	0	0	0	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	3.75 €	0	0	0	0	0	0	0	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	3.64 €	0	0	0	0	0	0	0	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	3.53 €	0	0	0	0	0	0	0	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	3.42 €	0	0	0	0	0	0	0	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	3.31 €	0	0	0	0	0	0	0	P <sub>1</sub>	0	No	Alla	catio	3D W	ith .	0
$P_0$	3.20 €	50,000	0	100,000	150,000	122,448	0	422448	P <sub>0</sub>	0	IVO	AllU	catil	אי ווע	ILII	0
					TOtal av	ailable cap	acity	600,000			_	_				600,000
Vear	2	<b>S</b> 1	52	<b>C3</b>				,	Vear 2	<b>S1</b>	Pro	Rat	a fo	r IP /	<b>4-</b> B	
Year		<b>S1</b>	<b>S2</b>	\$3 0	<b>S4</b>	S5	S6	Total	Year 2	<b>S1</b>	Pro	Rat	a fo	r IP A	<b>A-B</b>	Total
P <sub>14</sub>	2 5.18 € 5.06 €	\$1 0 0	<b>S2</b> 0 0	\$3 0 0				,	P <sub>14</sub>	<b>S1</b> 0 0						
P <sub>14</sub> P <sub>13</sub>	5.18 €	0	0	0	\$4 0	\$5 0	\$6 0	Total 0	P <sub>14</sub> P <sub>13</sub>	0			a fo ear 1			Total 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	5.18 € 5.06 €	0	0	0	\$4 0 0	\$5 0 0	\$6 0 0	Total 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	0						Total 0
P <sub>14</sub>	5.18 € 5.06 € 4.94 €	0 0 0	0 0	0 0 0	\$4 0 0	\$5 0 0	\$6 0 0	Total 0 0	P <sub>14</sub> P <sub>13</sub>	0 0						Total 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	5.18 € 5.06 € 4.94 € 4.82 €	0 0 0 0	0 0 0 0	0 0 0	\$4 0 0 0	\$5 0 0 0	\$6 0 0 0	Total 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0 0	f	or Y	ear 1	L & 2	2	Total 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 €	0 0 0 0	0 0 0 0	0 0 0 0	\$4 0 0 0 0 0	\$5 0 0 0 0	\$6 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0	f	or Y	ear 1	L & 2	0	Total 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 €	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0 0	0 0 0 0	or Y	ear 1	0 0 0	0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 €	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	ear 1	0 0 0 0 0	0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 €	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	ear 2	0 0 0 0 0 0 0	0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 €	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	ear 2	0 0 0 0 0 0 0 0	0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 € 3.86 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	ear 1	0 0 0 0 0 0 0	0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 € 3.86 € 3.74 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	ear 1	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 € 3.86 € 3.74 € 3.62 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	S4 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S6 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub> P <sub>1</sub>	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ear 1	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	5.18 € 5.06 € 4.94 € 4.82 € 4.70 € 4.58 € 4.46 € 4.34 € 4.22 € 4.10 € 3.98 € 3.86 € 3.74 €	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	ear 2	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

# Results for <u>Day 1</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids and Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Bids									Allocatio	ns						
Year 1		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	<b>S6</b>	Total	Year 1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S</b> 5	<b>S6</b>	Total
P <sub>14</sub>	3.10 €	0	51,613	0	0	0	0	51,613	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.00 €	0	53,333	0	0	0	0	53,333	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	2.90 €	0	55,172	0	0	0	0	55,172	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	2.80 €	0	57,143	0	0	0	0	57,143	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	2.70 €	0	59,259	0	0	0	0	59,259	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.60 €	0	61,538	0	0	0	0	61,538	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.50 €	0	54,000	0	0	0	0	54,000	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.40 €	0	66,667	0	0	0	0	66,667	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.30 €	0	69,565	0	0	0	0	69,565	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.20 €	0	72,727	0	0	0	0	72,727	P <sub>5</sub>	0	0	0	0	0	0	0
$P_4$	2.10 €	0	76,190	0	0	0	0	76,190	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.00 €	0	80,000	0	0	0	0	80,000	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	1.90 €	0	80,000	0	0	0	0	80,000	P <sub>2</sub>	0	0	0	0	0	0	0
$P_1$	1.80 €	0	80,000	0	0	0	0	80,000	1 P <sub>1</sub>	0	80,000	0	0	0	0	80,000
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	Po	0	0	0	0	0	0	0
					Total a	available ca	pacity	450,000					Total a	vailable c	apacity	450,000
Year 2		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	S5	S6	Total	Year 2	<b>S1</b>	S2	<b>S3</b>	<b>S4</b>	S5	S6	Total
P <sub>14</sub>	3.54 €	0	50,847	0	0	0	0	50,847	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.43 €	0	52,478	0	0	0	0	52,478	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.32 €	0	54,217	0	0	0	0	54,217	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	3.21 €	0	56,075	0	0	0	0	56,075	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	3.10 €	0	58,065	0	0	0	0	58,065	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	0	60,201	0	0	0	0	60,201	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	0	62,500	0	0	0	0	62,500	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	0	64,982	0	0	0	0	64,982	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.66 €	0	67,669	0	0	0	0	67,669	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.55 €	0	70,588	0	0	0	0	70,588	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	2.44 €	0	73,770	0	0	0	0	73,770	P <sub>4</sub>	0	0	0	0	0	0	0
	2.33 €	0	77,253	0	0	0	0	77,253	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>3</sub>						_		90,000	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.22 €	0	80,000	0	0	0	0	80,000		U	U	U	U	U	U	
		0	80,000 80,000	0	0	0	0	80,000	1 P <sub>1</sub>	0	80,000	0	0	0	0	80,000
P <sub>2</sub>	2.22 €		-								-					_

# Results for <u>Day 2</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids & Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Year 1 P <sub>14</sub>									Allocatio	ons						
P <sub>14</sub>		<b>S1</b>	<b>S2</b>	S3	<b>S4</b>	<b>S</b> 5	S6	Total	Year 1	<b>S1</b>	S2	S3	<b>S4</b>	<b>S</b> 5	<b>S6</b>	Total
	3.10 €	30,000	51,613	61,290	0	0	0	142,903	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.00 €	33,000	53,333	63,333	0	0	0	149,666	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	2.90 €	35,000	55,172	65,517	0	0	0	155,689	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	2.80 €	36,000	57,143	67,857	0	0	0	161,000	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	2.70 €	37,000	59,259	70,370	0	0	0	166,629	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.60 €	38,000	61,538	73,077	0	0	0	172,615	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.50 €	40,000	54,000	76,000	0	0	0	170,000	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.40 €	42,000	66,667	79,167	0	0	0	187,834	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.30 €	44,000	69,565	82,609	0	0	0	196,174	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.20 €	46,000	72,727	86,364	0	0	0	205,091	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	2.10 €	48,000	76,190	90,476	0	0	0	214,666	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.00 €	50,000	80,000	95,000	0	0	0	225,000	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	1.90 €	50,000	80,000	100,000	0	0	0	230,000	1 P <sub>2</sub>	50,000	80,000	100,000	0	0	0	230,000
$P_1$	1.80 €	50,000	80,000	100,000	150,000	120,000	0	500,000	P <sub>1</sub>	0	0	0	0	0	0	0
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	Po	0	0	0	0	0	0	0
					Total a	vailable ca	pacity	450,000					Total a	vailable c	apacity	450,000
Year 2		<b>S1</b>	S2	<b>S3</b>	<b>S4</b>	S5	<b>S6</b>	Total	Year 2	S1	S2	S3	<b>S4</b>	S5	S6	Total
P <sub>14</sub>	3.54 €	30,000	50,847	63,559	0	0	0	144,406	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.43 €	30,000	52,478	65,598	0	0	0	148,076	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.32 €	31,000	54,217	67,771	0	0	0	152,988	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	3.21 €	32,000	56,075	70,093	0	0	0	158,168	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	3.10 €	33,000	58,065	72,581	0	0	0	163,646	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	34,000	60,201	75,251	0	0	0	169,452	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	36,000	62,500	78,125	0	0	0	176,625	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	37,000	64,982	81,227	0	0	0	183,209	P <sub>7</sub>	0	0	0	0	0	0	0
$P_6$	2.66 €	40,000	67,669	84,586	0	0	0	192,255	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.55 €	42,000	70,588	88,235	0	0	0	200,823	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	2.44 €	42,000	73,770	92,213	0	0	0	207,983	P <sub>4</sub>	0	0	0	0	0	0	0
	2.33 €	46,000	77,253	96,567	0	0	0	219,820	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.22 €	48,000	80,000	100,000	0	0	0	228,000	1 P <sub>2</sub>	48,000	80,000	100,000	0	0	0	228,000
P <sub>3</sub>	2.22 €															
_	2.22 €	50,000	80,000	100,000	150,000	245,098	0	625,098	P <sub>1</sub>	0	0	0	0	0	0	0
P <sub>2</sub>		50,000	80,000 80,000	100,000	150,000 150,000	245,098 250,000	0 0	625,098 630,000	P <sub>1</sub>	0	0	0	0	0	0	0

# Results for <u>Day 3</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids & Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Bids									Allocatio	ns						
ear 1		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	S6	Total	Year 1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S</b> 5	S6	Total
14	3.10 €	30,000	51,613	61,290	0	0	0	142,903	P <sub>14</sub>	0	0	0	0	0	0	0
13	3.00 €	33,000	53,333	63,333	0	0	0	149,666	P <sub>13</sub>	0	0	0	0	0	0	0
12	2.90 €	35,000	55,172	65,517	0	0	0	155,689	P <sub>12</sub>	0	0	0	0	0	0	0
11	2.80 €	36,000	57,143	67,857	0	0	0	161,000	P <sub>11</sub>	0	0	0	0	0	0	0
10	2.70 €	37,000	59,259	70,370	0	0	0	166,629	P <sub>10</sub>	0	0	0	0	0	0	0
9	2.60 €	38,000	61,538	73,077	0	0	0	172,615	P <sub>9</sub>	0	0	0	0	0	0	0
8	2.50 €	40,000	54,000	76,000	0	0	0	170,000	P <sub>8</sub>	0	0	0	0	0	0	0
7	2.40 €	42,000	66,667	79,176	0	0	0	187,843	P <sub>7</sub>	0	0	0	0	0	0	0
6	2.30 €	44,000	69,565	82,609	0	0	0	196,174	P <sub>6</sub>	0	0	0	0	0	0	0
5	2.20 €	46,000	72,727	86,364	0	0	0	205,091	P <sub>5</sub>	0	0	0	0	0	0	0
4	2.10 €	48,000	76,190	90,476	0	0	0	214,666	P <sub>4</sub>	0	0	0	0	0	0	0
3	2.00 €	50,000	80,000	95,000	0	0	0	225,000	1 P <sub>3</sub>	50,000	80,000	95,000	0	0	0	225,000
2	1.90 €	50,000	80,000	100,000	150,000	117,647	0	497,647	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	1.80 €	50,000	80,000	100,000	150,000	120,000	0	500,000	P <sub>1</sub>	0	0	0	0	0	0	0
<b>P</b> 0	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	Po	0	0	0	0	0	0	0
					Total a	vailable ca	apacity	450,000					Total	available capad	ity	450,000
ear 2		<b>S1</b>	S2	S3	<b>S4</b>	S5	S6	Total	Year 2	<b>S1</b>	S2	S3	<b>S4</b>	<b>S5</b>	S6	Total
14	3.54 €	30,000	50,847	63,559	0	0	0	144,406	P <sub>14</sub>	0	0	0	0	0	0	0
13	3.43 €	30,000	52,478	65,598	0	0	0	148,076	P <sub>13</sub>	0	0	0	0	0	0	0
12	3.32 €	31,000	54,217	67,771	0	0	0	152,988	P <sub>12</sub>	0	0	0	0	0	0	0
11	3.21 €	32,000	56,075	70,003	0	0	0	158,078	P <sub>11</sub>	0	0	0	0	0	0	0
10	3.10 €	33,000	58,065	72,581	0	0	0	163,646	P <sub>10</sub>	0	0	0	0	0	0	0
9	2.99 €	34,000	60,201	75,251	0	0	0	169,452	P <sub>9</sub>	0	0	0	0	0	0	0
8	2.88 €	36,000	62,500	78,125	0	0	0	176,625	P <sub>8</sub>	0	0	0	0	0	0	0
7	2.77 €	37,000	64,982	81,227	0	0	0	183,209	P <sub>7</sub>	0	0	0	0	0	0	0
6	2.66 €	40,000	67,669	84,586	0	0	0	192,255	P <sub>6</sub>	0	0	0	0	0	0	0
5	2.55 €	42,000	70,588	88,235	0	0	0	200,823	P <sub>5</sub>	0	0	0	0	0	0	0
4	2.44 €	42,000	73,770	92,213	0	0	0	207,983	P <sub>4</sub>	0	0	0	0	0	0	0
	2.33 €	46,000	77,253	96,567	0	0	0	219,820	1 P <sub>3</sub>	46,000	77,253	96,567	0	0	0	219,820
93								~~~~~		_						
P <sub>3</sub>	2.22 €	48,000	80,000	100,000	150,000	240,385	0	618,385	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>2</sub> P <sub>1</sub>			80,000 80,000 80,000	100,000 100,000 100,000	150,000 150,000 150,000	240,385 245,098 250,000	0 0	618,385 625,098 630,000	P <sub>2</sub> P <sub>1</sub> P <sub>0</sub>	0	0	0 0	0 0	0 0	0 0	0 0

# Results for <u>Day 4</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids & Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Bids									Allocatio	ns						
Year 1		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S</b> 5	S6	Total	Year 1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	S6	Total
P <sub>14</sub>	3.10 €	30,000	51,613	61,290	0	0	0	142,903	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.00 €	33,000	53,333	63,333	0	0	0	149,666	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	2.90 €	35,000	55,172	65,517	0	0	0	155,689	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	2.80 €	36,000	57,143	67,857	0	0	0	161,000	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	2.70 €	37,000	59,259	70,370	0	0	0	166,629	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.60 €	38,000	61,538	73,077	0	0	0	172,615	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.50 €	40,000	54,000	76,000	0	0	0	170,000	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.40 €	42,000	66,667	79,176	0	0	0	187,843	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.30 €	44,000	69,565	82,609	0	0	0	196,174	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.20 €	46,000	72,727	86,364	0	0	0	205,091	P 5	0	0	0	0	0	0	0
P <sub>4</sub>	2.10 €	48,000	76,190	90,476	0	0	0	214,666	1 P <sub>4</sub>	48,000	76,190	90,476	0	0	0	214,666
P <sub>3</sub>	2.00 €	50,000	80,000	95,000	147,500	115,384	0	487,884	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	1.90 €	50,000	80,000	100,000	150,000	117,647	0	497,647	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	1.80 €	50,000	80,000	100,000	150,000	120,000	0	500,000	P <sub>1</sub>	0	0	0	0	0	0	0
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	Po	0	0	0	0	0	0	0
					Total a	vailable ca	apacity	450,000	<u> </u>				Total a	available capac	ity	450,000
Year 2		<b>S1</b>	S2	S3	Total a	ss	apacity S6	450,000 Total	Year 2	S1	S2	\$3	Total a	available capac	ity S6	450,000 Total
Year 2 P <sub>14</sub>	3.54 €	<b>S1</b> 30,000	<b>S2</b> 50,847	<b>S3</b> 63,559	1	1		,	Year 2 P <sub>14</sub>	<b>S1</b>	<b>S2</b>	<b>S3</b>			-	,
	3.54 € 3.43 €				<b>S4</b>	<b>S</b> 5	S6	Total					<b>S4</b>	S5	S6	Total
P <sub>14</sub>		30,000	50,847	63,559	\$ <b>4</b>	\$5 0	\$6 0	Total 144,406	P <sub>14</sub>	0	0	0	<b>S4</b> 0	<b>S5</b>	<b>S6</b>	Total 0
P <sub>14</sub> P <sub>13</sub>	3.43 €	30,000	50,847 52,478	63,559 65,598	\$4 0 0	\$5 0 0	\$6 0	Total 144,406 148,076	P <sub>14</sub> P <sub>13</sub>	0	0	0 0	<b>S4</b> 0 0	<b>S5</b> 0	<b>S6</b> 0	Total 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub>	3.43 € 3.32 €	30,000 30,000 31,000	50,847 52,478 54,217	63,559 65,598 67,771	\$4 0 0	\$5 0 0	\$6 0 0	Total 144,406 148,076 152,988	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	0 0 0	0 0 0	0 0 0	\$4 0 0 0	\$5 0 0	\$6 0 0	Total 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub>	3.43 € 3.32 € 3.21 €	30,000 30,000 31,000 32,000	50,847 52,478 54,217 56,075	63,559 65,598 67,771 70,003	\$4 0 0 0 0	\$5 0 0 0	\$6 0 0 0	Total 144,406 148,076 152,988 158,078	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub>	0 0 0	0 0 0	0 0 0	\$4 0 0 0	S5 0 0 0	\$6 0 0 0	Total 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub>	3.43 € 3.32 € 3.21 € 3.10 €	30,000 30,000 31,000 32,000 33,000 34,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500	63,559 65,598 67,771 70,003 72,581 75,251 78,125	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	\$4 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 37,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227	S4 0 0 0 0 0 0	\$5 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub>	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub>	3.43 € 3.32 € 3.21 € 2.99 € 2.88 € 2.77 € 2.66 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 40,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub>	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 37,000 40,000 42,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669 70,588	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586 88,235	\$4 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255 200,823	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 37,000 40,000 42,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669 70,588 73,770	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586 88,235 92,213	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255 200,823 207,983	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	0 0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	\$4 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 207,983
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub>	3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 37,000 40,000 42,000 46,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669 70,588 73,770 77,253	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586 88,235 92,213 96,567	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255 200,823 207,983 578,189	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 9	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 207,983
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	3.43 € 3.32 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 € 2.22 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 40,000 42,000 42,000 46,000 48,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669 70,588 73,770 77,253 80,000	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586 88,235 92,213 96,567 100,000	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 14,592 240,385	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255 200,823 207,983 578,189 618,385	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> 1 P <sub>4</sub> P <sub>3</sub> P <sub>2</sub>	0 0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 9 2,213	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 207,983 0 0
P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub>	3.43 € 3.32 € 3.21 € 3.10 € 2.99 € 2.88 € 2.77 € 2.66 € 2.55 € 2.44 € 2.33 €	30,000 30,000 31,000 32,000 33,000 34,000 36,000 37,000 40,000 42,000 46,000	50,847 52,478 54,217 56,075 58,065 60,201 62,500 64,982 67,669 70,588 73,770 77,253	63,559 65,598 67,771 70,003 72,581 75,251 78,125 81,227 84,586 88,235 92,213 96,567	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0	Total 144,406 148,076 152,988 158,078 163,646 169,452 176,625 183,209 192,255 200,823 207,983 578,189	P <sub>14</sub> P <sub>13</sub> P <sub>12</sub> P <sub>11</sub> P <sub>10</sub> P <sub>9</sub> P <sub>8</sub> P <sub>7</sub> P <sub>6</sub> P <sub>5</sub> P <sub>4</sub> P <sub>3</sub>	0 0 0 0 0 0 0 0 0 0 0 42,000	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 9	\$4 0 0 0 0 0 0 0 0 0 0 0 0 0	\$5 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6 0 0 0 0 0 0 0 0 0 0 0 0	Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 207,983

# Results for <u>Day 5</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids & Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Bids									Allocatio	ns						
Year 1		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	S6	Total	Year 1	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S</b> 5	S6	Total
P <sub>14</sub>	3.10 €	30,000	51,613	61,290	0	0	0	142,903	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.00 €	33,000	53,333	63,333	0	0	0	149,666	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	2.90 €	35,000	55,172	65,517	0	0	0	155,689	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	2.80 €	36,000	57,143	67,857	0	0	0	161,000	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	2.70 €	37,000	59,259	70,370	0	0	0	166,629	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.60 €	38,000	61,538	73,077	0	0	0	172,615	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.50 €	40,000	54,000	76,000	0	0	0	170,000	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.40 €	42,000	66,667	79,176	0	0	0	187,843	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.30 €	44,000	69,565	82,609	0	0	0	196,174	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.20 €	46,000	72,727	86,364	0	0	0	205,091	P5	0	0	0	0	0	0	0
P <sub>4</sub>	2.10 €	48,000	76,190	90,476	140,476	0	0	355,142	1 P <sub>4</sub>	48,000	76,190	90,476	140,476	0	0	355,142
P <sub>3</sub>	2.00 €	50,000	80,000	95,000	147,500	115,384	0	487,884	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	1.90 €	50,000	80,000	100,000	150,000	117,647	0	497,647	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	1.80 €	50,000	80,000	100,000	150,000	120,000	0	500,000	P <sub>1</sub>	0	0	0	0	0	0	0
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502,448	P <sub>0</sub>	0	0	0	0	0	0	0
					Total a	vailable ca	apacity	450,000					Total a	available capac	ity	450,000
Year 2	3.54 €	\$1 30,000	<b>S2</b> 50,847	<b>S3</b> 63,559	<b>S4</b>	\$5 0	\$6 0	Total	Year 2	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	<b>S6</b>	Total 0
P <sub>14</sub>	3.43 €	30,000	52,478	65,598	0	0	0	144,406 148,076	P <sub>14</sub> P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.32 €	31,000	54,217	67,771	0	0	0	152,988	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.21 €	32,000	56,075	70,003	0	0	0	158,078	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub> P <sub>10</sub>	3.10 €	33,000	58,065	72,581	0	0	0	163,646	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	34,000	60,201	75,251	0	0	0	169,452	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	36,000	62,500	78,125	0	0	0	176,625	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	37,000	64,982	81,227	0	0	0	183,209	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.66 €	40,000	67,669	84,586	0	0	0	192,255	P <sub>6</sub>	0	0	0	0	0	0	0
P <sub>5</sub>	2.55 €	42,000	70,588	88,235	0	0	0	200,823	1 P <sub>5</sub>	42,000	70,588	88,235	0	0	0	200,823
P <sub>4</sub>	2.44 €	42,000	73,770	92,213	137,295	250,000	0	595,278	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.33 €	46,000	77,253	96,567	143,777	214,592	0	578,189	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	2.22 €	48,000	80,000	100,000	150,000	240,385	0	618,385	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	2.11 €	50,000	80,000	100,000	150,000	245,098	0	625,098	P <sub>1</sub>	0	0	0	0	0	0	0
P <sub>0</sub>	2.00 €	50,000	80,000	100,000	150,000	250,000	0	630,000	Po	0	0	0	0	0	0	0

# Results for <u>Day 5</u> of a Single Round Volume Based Auctions at IP B-C for Year 1 & 2 (Bids & Allocations – With Pro Rata)

### **Bundled capacity B-C**

Bids									Allocati	ons							
Year 1		<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	<b>S6</b>	Total	Year 1	S1	S2	S3	<b>S4</b>	<b>S5</b>	S6	Total	
P <sub>14</sub>	3.10 €	30,000	51,613	61,290	0	0	0	142903	P <sub>14</sub>	0	0	0	0	0	0	0	
P <sub>13</sub>	3.00 €	33,000	53,333	63,333	0	0	0	149666	P <sub>13</sub>	0	0	0	0	0	0	0	
P <sub>12</sub>	2.90 €	35,000	55,172	65,517	0	0	0	155689	P <sub>12</sub>	0	0	0	0	0	0	0	
P <sub>11</sub>	2.80 €	36,000	57,143	67,857	0	0	0	161000	P <sub>11</sub>	0	0	0	0	0	0	0	
P <sub>10</sub>	2.70 €	37,000	59,259	70,370	0	0	0	166629	P <sub>10</sub>	0	0	0	0	0	0	0	
$P_9$	2.60 €	38,000	61,538	73,077	0	0	0	172615	$P_9$	0	0	0	0	0	0	0	
P <sub>8</sub>	2.50 €	40,000	54,000	76,000	0	0	0	170000	P <sub>8</sub>	0	0	0	0	0	0	0	
<b>P</b> <sub>7</sub>	2.40 €	42,000	66,667	79,176	0	0	0	187843	P <sub>7</sub>	0	0	0	0	0	0	0	
<b>P</b> <sub>6</sub>	2.30 €	44,000	69,565	82,609	0	0	0	196174	$P_6$	0	0	0	0	0	0	0	
P <sub>5</sub>	2.20 €	46,000	72,727	86,364	0	0	0	20 <u>5091</u>	$P_5$	0	0	0	0	0	0	0	
P <sub>4</sub>	2.10 €	48,000	76,190	90,476	140,47	0	0	355142	1 4	0	0	0	0		0	0	
P <sub>3</sub>	2.00 €	50,000	80,000	95,000	147,500	115,384	0	487884	$P_3$	49,429	78,913	93,709	145,49	82,454	0	450,000	
P <sub>2</sub>	1.90 €	50,000	80,000	100,000	150,000	117,647	0	497647	4	0	0	0	0	0	0	0	
$P_1$	1.80 €	50,000	80,000	100,000	150,000	120,000	0	500000	$P_1$	0	0	0	0	0	0	0	
$P_0$	1.70 €	50,000	80,000	100,000	150,000	122,448	0	502448	P <sub>0</sub>	0	0	0	0	0	0	0	
					Total a	vailable ca	apacity	450,000					Total a	vailable c	apacity	450,000	

# Results for <u>Day 6</u> of a Single Round Volume Based Auctions at IP B-C for Year 2 (Bids & Allocations – No Pro Rata)

#### **Bundled capacity B-C**

Year 2		<b>S1</b>	S2	S3	<b>S4</b>	S5	S6	Total	Year 2	<b>S1</b>	S2	S3	<b>S4</b>	<b>S</b> 5	S6	Total
P <sub>14</sub>	3.54 €	30,000	50,847	63,559	0	0	0	144,406	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.43 €	30,000	52,478	65,598	0	0	0	148,076	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.32 €	31,000	54,217	67,771	0	0	0	152,988	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	3.21 €	32,000	56,075	70,003	0	0	0	158,078	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	3.10 €	33,000	58,065	72,581	0	0	0	163,646	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	34,000	60,201	75,251	0	0	0	169,452	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	36,000	62,500	78,125	0	0	0	176,625	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	37,000	64,982	81,227	0	0	0	183,209	30	0	0	0	0	0	0	0
P <sub>6</sub>	2.66 €	40,000	67,669	84,586	0	0	0	192,255	1 P <sub>6</sub>	40,000	67,669	84,586	0	0	0	192,255
P <sub>5</sub>	2.55 €	42,000	70,588	88,235	131,373	250,000	0	582,196	P <sub>5</sub>	0	0	0	0	0	0	0
P <sub>4</sub>	2.44 €	42,000	73,770	92,213	137,295	250,000	0	595,278	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.33 €	46,000	77,253	96,567	143,777	214,592	0	578,189	P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	2.22 €	48,000	80,000	100,000	150,000	240,385	0	618,385	P <sub>2</sub>	0	0	0	0	0	0	0
$P_1$	2.11 €	50,000	80,000	100,000	150,000	245,098	0	625,098	P <sub>1</sub>	0	0	0	0	0	0	0
$P_0$	2.00 €	50,000	80,000	100,000	150,000	250,000	0	630,000	$P_0$	0	0	0	0	0	0	0
Total available					vailable ca	apacity	550,000					Total	available capa	city	550,000	

# Results for <u>Day 7</u> of a Single Round Volume Based Auctions at IP B-C for Year 2 (Bids & Allocations – No Pro Rata)

# Bundled capacity B-C

Year 2		<b>S1</b>	S2	S3	<b>S4</b>	S5	<b>S6</b>	Total	Year 2	S1	S2	<b>S3</b>	<b>S4</b>	S5	S6	Total
P <sub>14</sub>	3.54 €	30,000	50,847	63,559	0	0	0	144,406	P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.43 €	30,000	52,478	65,598	0	0	0	148,076	P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.32 €	31,000	54,217	67,771	0	0	0	152,988	P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	3.21 €	32,000	56,075	70,003	0	0	0	158,078	P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	3.10 €	33,000	58,065	72,581	0	0	0	163,646	P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	34,000	60,201	75,251	0	0	0	169,452	P <sub>9</sub>	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	36,000	62,500	78,125	0	0	0	176,625	P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	37,000	64,982	81,227	0	0	0	183,209	P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.66 €	40,000	67,669	84,586	125,940	0	0	318,195	1 P <sub>6</sub>	40,000	67,669	84,586	125,940	0	0	318,195
P <sub>5</sub>	2.55 €	42,000	70,588	88,235	131,373	250,000	0	582,196	$P_5$	0	0	0	0	0	0	0
P <sub>4</sub>	2.44 €	42,000	73,770	92,213	137,295	250,000	0	595,278	P <sub>4</sub>	0	0	0	0	0	0	0
P <sub>3</sub>	2.33 €	46,000	77,253	96,567	143,777	214,592	0	578,189	$P_3$	0	0	0	0	0	0	0
P <sub>2</sub>	2.22 €	48,000	80,000	100,000	150,000	240,385	0	618,385	P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	2.11 €	50,000	80,000	100,000	150,000	245,098	0	625,098	$P_1$	0	0	0	0	0	0	0
P <sub>0</sub>	2.00 €	50,000	80,000	100,000	150,000	250,000	0	630,000	P <sub>0</sub>	0	0	0	0	0	0	0
					Total a	vailable ca	apacity	550,000					Total a	550,000		

# Results for <u>Day 7</u> of a Single Round Volume Based Auctions at IP B-C for Year 2 (Bids & Allocations – With Pro Rata)

# **Bundled capacity B-C**

Year 2		<b>S1</b>	S2	S3	<b>S4</b>	<b>S5</b>	<b>S6</b>	Total		Year 2	S1	S2	S3	S4	S5	<b>S6</b>	Total
P <sub>14</sub>	3.54 €	30,000	50,847	63,559	0	0	0	144406		P <sub>14</sub>	0	0	0	0	0	0	0
P <sub>13</sub>	3.43 €	30,000	52,478	65,598	0	0	0	148076		P <sub>13</sub>	0	0	0	0	0	0	0
P <sub>12</sub>	3.32 €	31,000	54,217	67,771	0	0	0	152988		P <sub>12</sub>	0	0	0	0	0	0	0
P <sub>11</sub>	3.21 €	32,000	56,075	70,003	0	0	0	158078		P <sub>11</sub>	0	0	0	0	0	0	0
P <sub>10</sub>	3.10 €	33,000	58,065	72,581	0	0	0	163646		P <sub>10</sub>	0	0	0	0	0	0	0
P <sub>9</sub>	2.99 €	34,000	60,201	75,251	0	0	0	169452		$P_9$	0	0	0	0	0	0	0
P <sub>8</sub>	2.88 €	36,000	62,500	78,125	0	0	0	176625		P <sub>8</sub>	0	0	0	0	0	0	0
P <sub>7</sub>	2.77 €	37,000	64,982	81,227	0	0	0	183209		P <sub>7</sub>	0	0	0	0	0	0	0
P <sub>6</sub>	2.66 €	40,000	67,669	84,586	125,94	0	0	318195	1	$P_6$	0	0	0	0	0	0	0
P <sub>5</sub>	2.55 €	42,000	70,588	88,235	131,373	250,000	0	582196		$P_5$	41,756	70,232	87,790	130,710	219,511	0	550,000
P <sub>4</sub>	2.44 €	42,000	73,770	92,213	137,295	250,000	0	595278	•		0	0	0	0	0	0	0
P <sub>3</sub>	2.33 €	46,000	77,253	96,567	143,777	214,592	0	578189		P <sub>3</sub>	0	0	0	0	0	0	0
P <sub>2</sub>	2.22 €	48,000	80,000	100,000	150,000	240,385	0	618385		P <sub>2</sub>	0	0	0	0	0	0	0
P <sub>1</sub>	2.11 €	50,000	80,000	100,000	150,000	245,098	0	625098		$P_1$	0	0	0	0	0	0	0
$P_0$	2.00 €	50,000	80,000	100,000	150,000	250,000	0	630000		$P_0$	0	0	0	0	0	0	0
			Total available capacity			550,000						Total av	550,000				

#### Summary of results from the single round volume based auctions:

#### Interconnection Point A – B

The auction at IP A-B closed at PO for year 1 and 2 as can be seen on page nine; this is due to the fact that IP A-B is an uncongested point.

There were no pro rata allocations for IP A-B for year 1 and 2 as can be seen on page ten because the auction closed at PO. Any unsold capacity at an uncongested point just rolls forward.

#### Interconnection Point B – C

The auction at IP B-C for year 1 closed on day 5 at P4, due to the second stability measure, the early closure of bidding. The rule states that an auction closes after any day if the clearing price has not changed due to bid revision since the end of the previous day as can be seen by looking at pages fourteen and fifteen. The auction at IP B-C for year 2 closed on day 7 at P6, due to the fact that the clearing price on day 7 was the same as the clearing price on day 6. This can be seen by looking at the tables on pages seventeen and eighteen.

In both years there was unsold capacity when the auction closed. If there was a pro rata allocation mechanism in place then all shippers would have received additional capacity at P3 in year 1 and at P5 in year 2. Please note that even though Shipper 5 did not place a bid at P4 in year 1 and P6 in year 2 they were still allocated some capacity at P3 in year 1 and P5 in year 2. This suggests that there is scope for potential gaming if this pro rata allocation mechanism was introduced for unsold capacity.

Please note that Shipper 5's bid of 250,000 units of capacity at IP B-C in year two (as can be seen on page fifteen) was outside the rule that states that a bid at one price step must be lower than or equal to the bid at the next lowest price step on a particular day.

#### Other comments from participants:

- We had to recall several times during the game what the constraints to the bids were. Some participants felt that the measures were not easily understood by everyone and it was difficult to keep the rules in mind (especially the limits to the bid revision).
- Of the stability measures proposed, only the immediate/early closure was deemed somehow useful. This incentivises, as we know, "honest" bidding from the first day.
- Concerning the limits to the bidding revision only upwards and the binding bid at PO, they didn't give an opportunity to optimise the result. It was said by some that it would be better not to be include this as it limits the Shipper flexibility too much.