

**NOTE:** This document shows the results of an auction simulation with 8 groups, each playing the role of a shipper, that was carried out at a workshop held by ENTSOE on 20/7/11. For further information on the workshop and the CAM NC proposed auction design please see [http://www.entsoe.eu/publications/index\\_g\\_cam.html](http://www.entsoe.eu/publications/index_g_cam.html)

**Day 1**

**Bundled capacity A-B**

**Bids**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.19 €	0	0	100,000	0	0	0	600,000	700,000	
P <sub>8</sub>	4.08 €	0	0	100,000	0	0	0	600,000	700,000	
P <sub>7</sub>	3.97 €	0	0	100,000	0	0	100,000	600,000	800,000	
P <sub>6</sub>	3.86 €	0	0	100,000	0	0	100,000	600,000	800,000	
P <sub>5</sub>	3.75 €	0	0	100,000	0	0	100,000	600,000	800,000	
P <sub>4</sub>	3.64 €	0	0	100,000	0	0	100,000	600,000	800,000	
P <sub>3</sub>	3.53 €	0	0	100,000	0	300,000	100,000	600,000	1,100,000	
P <sub>2</sub>	3.42 €	0	0	100,000	0	300,000	100,000	600,000	1,100,000	
P <sub>1</sub>	3.31 €	0	0	100,000	0	300,000	100,000	600,000	1,100,000	
P <sub>0</sub>	3.20 €	50,000	100,000	100,000	0	300,000	100,000	600,000	1,250,000	
Clearing price =	P <sub>9</sub>								Total available capacity	600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>8</sub>	2.30 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>7</sub>	2.20 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>6</sub>	2.10 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>5</sub>	2.00 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>4</sub>	1.90 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>3</sub>	1.80 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>2</sub>	1.70 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>1</sub>	1.60 €	0	500,000	600,000	0	0	100,000	0	1,200,000	
P <sub>0</sub>	1.50 €	50,000	500,000	600,000	100,000	0	100,000	0	1,350,000	
Clearing price =	P <sub>9</sub>								Total available capacity	800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	0	800,000	0	0	0	0	800,000	
P <sub>8</sub>	2.30 €	0	0	800,000	0	0	0	0	800,000	
P <sub>7</sub>	2.20 €	0	0	800,000	0	0	0	0	800,000	
P <sub>6</sub>	2.10 €	0	0	800,000	0	0	0	0	800,000	
P <sub>5</sub>	2.00 €	0	0	800,000	0	0	100,000	0	900,000	
P <sub>4</sub>	1.90 €	0	0	800,000	0	0	100,000	0	900,000	
P <sub>3</sub>	1.80 €	0	0	800,000	0	0	100,000	0	900,000	
P <sub>2</sub>	1.70 €	0	0	800,000	0	0	100,000	0	900,000	
P <sub>1</sub>	1.60 €	0	0	800,000	0	0	100,000	0	900,000	
P <sub>0</sub>	1.50 €	50,000	0	800,000	100,000	800,000	100,000	0	1,850,000	
Clearing price =	P <sub>6</sub>								Total available capacity	800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.25 €	0	100,000	800,000	0	0	0	400,000	1,300,000	
P <sub>8</sub>	4.10 €	0	100,000	800,000	0	0	0	400,000	1,300,000	
P <sub>7</sub>	3.95 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>6</sub>	3.80 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>5</sub>	3.65 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>4</sub>	3.50 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>3</sub>	3.35 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>2</sub>	3.20 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>1</sub>	3.05 €	0	100,000	800,000	0	0	100,000	400,000	1,400,000	
P <sub>0</sub>	2.90 €	50,000	100,000	800,000	0	0	100,000	400,000	1,450,000	
Clearing price =	P <sub>9</sub>								Total available capacity	400,000

**Bundled capacity A-B**

**Allocations**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	85,714	0	0	0	514,286	0	600,000
P <sub>8</sub>	0	0	85,714	0	0	0	514,286	0	600,000
P <sub>7</sub>	0	0	75,000	0	0	75,000	450,000	0	600,000
P <sub>6</sub>	0	0	75,000	0	0	75,000	450,000	0	600,000
P <sub>5</sub>	0	0	75,000	0	0	75,000	450,000	0	600,000
P <sub>4</sub>	0	0	75,000	0	0	75,000	450,000	0	600,000
P <sub>3</sub>	0	0	54,545	0	163,636	54,545	327,273	0	600,000
P <sub>2</sub>	0	0	54,545	0	163,636	54,545	327,273	0	600,000
P <sub>1</sub>	0	0	54,545	0	163,636	54,545	327,273	0	600,000
P <sub>0</sub>	24,000	48,000	48,000	0	144,000	48,000	288,000	0	600,000
	Total available capacity								600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>8</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>7</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>6</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>5</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>4</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>3</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>2</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>1</sub>	0	333,333	400,000	0	0	66,667	0	0	800,000
P <sub>0</sub>	29,630	296,296	355,556	59,259	0	59,259	0	0	800,000
	Total available capacity								800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>8</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>7</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>6</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>5</sub>	0	0	711,111	0	0	88,889	0	0	800,000
P <sub>4</sub>	0	0	711,111	0	0	88,889	0	0	800,000
P <sub>3</sub>	0	0	711,111	0	0	88,889	0	0	800,000
P <sub>2</sub>	0	0	711,111	0	0	88,889	0	0	800,000
P <sub>1</sub>	0	0	711,111	0	0	88,889	0	0	800,000
P <sub>0</sub>	21,622	0	345,946	43,243	345,946	43,243	0	0	800,000
	Total available capacity								800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	30,769	246,154	0	0	0	123,077	0	400,000
P <sub>8</sub>	0	30,769	246,154	0	0	0	123,077	0	400,000
P <sub>7</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>6</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>5</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>4</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>3</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>2</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>1</sub>	0	28,571	228,571	0	0	28,571	114,286	0	400,000
P <sub>0</sub>	13,793	27,586	220,690	0	0	27,586	110,345	0	400,000
	Total available capacity								400,000

Day 1

Bundled capacity B-C

Bids

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	8.90 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>8</sub>	8.30 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>7</sub>	7.70 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>6</sub>	7.10 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>5</sub>	6.50 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>4</sub>	5.90 €	0	300,000	300,000	0	0	0	0	600,000
P <sub>3</sub>	5.30 €	0	300,000	300,000	0	300,000	0	0	900,000
P <sub>2</sub>	4.70 €	0	300,000	300,000	0	300,000	0	0	900,000
P <sub>1</sub>	4.10 €	0	300,000	300,000	0	300,000	0	0	900,000
P <sub>0</sub>	3.50 €	50,000	300,000	300,000	0	300,000	0	0	950,000
Clearing price = P <sub>9</sub>									Total available capacity = 300,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	2.51 €	0	0	1,100,000	0	0	0	0	1,100,000
P <sub>8</sub>	2.42 €	0	0	1,100,000	0	0	0	0	1,100,000
P <sub>7</sub>	2.33 €	0	0	1,100,000	0	0	0	0	1,100,000
P <sub>6</sub>	2.24 €	0	0	1,100,000	0	0	0	0	1,100,000
P <sub>5</sub>	2.15 €	0	0	1,100,000	0	0	0	0	1,100,000
P <sub>4</sub>	2.06 €	0	0	1,100,000	0	800,000	0	0	1,900,000
P <sub>3</sub>	1.97 €	0	0	1,100,000	0	800,000	0	0	1,900,000
P <sub>2</sub>	1.88 €	0	0	1,100,000	0	800,000	0	0	1,900,000
P <sub>1</sub>	1.79 €	0	0	1,100,000	0	800,000	0	0	1,900,000
P <sub>0</sub>	1.70 €	50,000	0	1,100,000	0	800,000	0	0	1,950,000
Clearing price = P <sub>5</sub>									Total available capacity = 1,100,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	2.40 €	0	0	800,000	0	0	0	0	800,000
P <sub>8</sub>	2.30 €	0	0	800,000	0	0	0	0	800,000
P <sub>7</sub>	2.20 €	0	0	800,000	0	0	0	0	800,000
P <sub>6</sub>	2.10 €	0	0	800,000	0	0	0	0	800,000
P <sub>5</sub>	2.00 €	0	0	800,000	0	0	0	0	800,000
P <sub>4</sub>	1.90 €	0	0	800,000	0	0	0	0	800,000
P <sub>3</sub>	1.80 €	0	0	800,000	0	0	0	0	800,000
P <sub>2</sub>	1.70 €	0	0	800,000	0	0	0	0	800,000
P <sub>1</sub>	1.60 €	0	0	800,000	0	0	0	0	800,000
P <sub>0</sub>	1.50 €	50,000	0	800,000	0	800,000	0	0	1,650,000
Clearing price = P <sub>1</sub>									Total available capacity = 800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	4.28 €	0	100,000	400,000	0	0	0	0	500,000
P <sub>8</sub>	4.16 €	0	100,000	400,000	0	0	0	0	500,000
P <sub>7</sub>	4.04 €	0	100,000	400,000	0	0	0	0	500,000
P <sub>6</sub>	3.92 €	0	100,000	400,000	0	0	0	0	500,000
P <sub>5</sub>	3.80 €	0	120,000	400,000	0	0	0	0	520,000
P <sub>4</sub>	3.68 €	0	120,000	400,000	0	0	0	0	520,000
P <sub>3</sub>	3.56 €	0	120,000	400,000	0	0	0	0	520,000
P <sub>2</sub>	3.44 €	0	120,000	400,000	0	0	0	0	520,000
P <sub>1</sub>	3.32 €	0	120,000	400,000	0	0	0	0	520,000
P <sub>0</sub>	3.20 €	50,000	120,000	400,000	200,000	0	0	0	770,000
Clearing price = P <sub>9</sub>									Total available capacity = 400,000

Bundled capacity B-C

Allocations

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>8</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>7</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>6</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>5</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>4</sub>	0	150,000	150,000	0	0	0	0	0	300,000
P <sub>3</sub>	0	100,000	100,000	0	100,000	0	0	0	300,000
P <sub>2</sub>	0	100,000	100,000	0	100,000	0	0	0	300,000
P <sub>1</sub>	0	100,000	100,000	0	100,000	0	0	0	300,000
P <sub>0</sub>	15,789	94,737	94,737	0	94,737	0	0	0	300,000
Total available capacity									300,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	1,100,000	0	0	0	0	0	1,100,000
P <sub>8</sub>	0	0	1,100,000	0	0	0	0	0	1,100,000
P <sub>7</sub>	0	0	1,100,000	0	0	0	0	0	1,100,000
P <sub>6</sub>	0	0	1,100,000	0	0	0	0	0	1,100,000
P <sub>5</sub>	0	0	1,100,000	0	0	0	0	0	1,100,000
P <sub>4</sub>	0	0	636,842	0	463,158	0	0	0	1,100,000
P <sub>3</sub>	0	0	636,842	0	463,158	0	0	0	1,100,000
P <sub>2</sub>	0	0	636,842	0	463,158	0	0	0	1,100,000
P <sub>1</sub>	0	0	636,842	0	463,158	0	0	0	1,100,000
P <sub>0</sub>	28,205	0	620,513	0	451,282	0	0	0	1,100,000
Total available capacity									1,100,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>8</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>7</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>6</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>5</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>4</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>3</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>2</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>1</sub>	0	0	800,000	0	0	0	0	0	800,000
P <sub>0</sub>	24,242	0	387,879	0	387,879	0	0	0	800,000
Total available capacity									800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	80,000	320,000	0	0	0	0	0	400,000
P <sub>8</sub>	0	80,000	320,000	0	0	0	0	0	400,000
P <sub>7</sub>	0	80,000	320,000	0	0	0	0	0	400,000
P <sub>6</sub>	0	80,000	320,000	0	0	0	0	0	400,000
P <sub>5</sub>	0	92,308	307,692	0	0	0	0	0	400,000
P <sub>4</sub>	0	92,308	307,692	0	0	0	0	0	400,000
P <sub>3</sub>	0	92,308	307,692	0	0	0	0	0	400,000
P <sub>2</sub>	0	92,308	307,692	0	0	0	0	0	400,000
P <sub>1</sub>	0	92,308	307,692	0	0	0	0	0	400,000
P <sub>0</sub>	25,974	62,338	207,792	103,896	0	0	0	0	400,000
Total available capacity									400,000

**Day 2**

**Bundled capacity A-B**

**Bids**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	4.19 €	0	200,000	0	0	0	600,000	0	800,000
P <sub>8</sub>	4.08 €	0	200,000	0	0	0	600,000	0	800,000
P <sub>7</sub>	3.97 €	0	200,000	0	0	100,000	600,000	0	900,000
P <sub>6</sub>	3.86 €	0	200,000	0	0	100,000	600,000	0	900,000
P <sub>5</sub>	3.75 €	0	200,000	0	0	100,000	600,000	0	900,000
P <sub>4</sub>	3.64 €	0	200,000	0	0	100,000	600,000	0	900,000
P <sub>3</sub>	3.53 €	0	200,000	0	0	300,000	100,000	600,000	1,200,000
P <sub>2</sub>	3.42 €	0	200,000	0	0	300,000	100,000	600,000	1,200,000
P <sub>1</sub>	3.31 €	0	200,000	0	0	300,000	100,000	600,000	1,200,000
P <sub>0</sub>	3.20 €	50,000	200,000	0	0	300,000	100,000	600,000	1,250,000
Clearing price = P <sub>9</sub>									Total available capacity 600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	2.40 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>8</sub>	2.30 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>7</sub>	2.20 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>6</sub>	2.10 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>5</sub>	2.00 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>4</sub>	1.90 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>3</sub>	1.80 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>2</sub>	1.70 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>1</sub>	1.60 €	0	0	150,000	0	100,000	0	0	250,000
P <sub>0</sub>	1.50 €	50,000	0	150,000	0	100,000	0	0	300,000
Clearing price = P <sub>0</sub>									Total available capacity 800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	2.40 €	0	0	0	0	0	0	0	0
P <sub>8</sub>	2.30 €	0	0	0	0	0	0	0	0
P <sub>7</sub>	2.20 €	0	0	0	0	0	0	0	0
P <sub>6</sub>	2.10 €	0	0	0	0	0	0	0	0
P <sub>5</sub>	2.00 €	0	0	100,000	0	100,000	0	0	200,000
P <sub>4</sub>	1.90 €	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>3</sub>	1.80 €	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>2</sub>	1.70 €	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>1</sub>	1.60 €	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>0</sub>	1.50 €	50,000	0	100,000	200,000	100,000	0	0	450,000
Clearing price = P <sub>0</sub>									Total available capacity 800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	4.25 €	0	100,000	0	0	0	400,000	0	500,000
P <sub>8</sub>	4.10 €	0	100,000	0	0	0	400,000	0	500,000
P <sub>7</sub>	3.95 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>6</sub>	3.80 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>5</sub>	3.65 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>4</sub>	3.50 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>3</sub>	3.35 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>2</sub>	3.20 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>1</sub>	3.05 €	0	100,000	0	0	100,000	400,000	0	600,000
P <sub>0</sub>	2.90 €	50,000	100,000	0	0	100,000	400,000	0	650,000
Clearing price = P <sub>9</sub>									Total available capacity 400,000

**Bundled capacity A-B**

**Allocations**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	150,000	0	0	0	0	450,000	0	600,000
P <sub>8</sub>	0	150,000	0	0	0	0	450,000	0	600,000
P <sub>7</sub>	0	133,333	0	0	0	66,667	400,000	0	600,000
P <sub>6</sub>	0	133,333	0	0	0	66,667	400,000	0	600,000
P <sub>5</sub>	0	133,333	0	0	0	66,667	400,000	0	600,000
P <sub>4</sub>	0	133,333	0	0	0	66,667	400,000	0	600,000
P <sub>3</sub>	0	100,000	0	0	150,000	50,000	300,000	0	600,000
P <sub>2</sub>	0	100,000	0	0	150,000	50,000	300,000	0	600,000
P <sub>1</sub>	0	100,000	0	0	150,000	50,000	300,000	0	600,000
P <sub>0</sub>	24,000	96,000	0	0	144,000	48,000	288,000	0	600,000
Total available capacity									600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>8</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>7</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>6</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>5</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>4</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>3</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>2</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>1</sub>	0	0	0	150,000	0	100,000	0	0	250,000
P <sub>0</sub>	50,000	0	0	150,000	0	100,000	0	0	300,000
Total available capacity									800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	0	0	0	100,000	0	100,000	0	0	200,000
P <sub>5</sub>	0	0	0	100,000	0	100,000	0	0	200,000
P <sub>4</sub>	0	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>3</sub>	0	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>2</sub>	0	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>1</sub>	0	0	0	100,000	200,000	100,000	0	0	400,000
P <sub>0</sub>	50,000	0	0	100,000	200,000	100,000	0	0	450,000
Total available capacity									800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	80,000	0	0	0	0	320,000	0	400,000
P <sub>8</sub>	0	80,000	0	0	0	0	320,000	0	400,000
P <sub>7</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>6</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>5</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>4</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>3</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>2</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>1</sub>	0	66,667	0	0	0	66,667	266,667	0	400,000
P <sub>0</sub>	30,769	61,538	0	0	0	61,538	246,154	0	400,000
Total available capacity									400,000

**Day 2**

**Bundled capacity B-C**

**Bids**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	8.90 €	0	300,000	0	0	0	0	0	300,000	
P <sub>8</sub>	8.30 €	0	300,000	0	0	0	0	0	300,000	
P <sub>7</sub>	7.70 €	0	300,000	0	0	0	0	0	300,000	
P <sub>6</sub>	7.10 €	0	300,000	0	0	0	0	0	300,000	
P <sub>5</sub>	6.50 €	0	300,000	0	0	0	0	0	300,000	
P <sub>4</sub>	5.90 €	0	300,000	0	0	0	0	0	300,000	
P <sub>3</sub>	5.30 €	0	300,000	0	300,000	0	0	0	600,000	
P <sub>2</sub>	4.70 €	0	300,000	0	300,000	0	0	0	600,000	
P <sub>1</sub>	4.10 €	0	300,000	0	300,000	0	0	0	600,000	
P <sub>0</sub>	3.50 €	50,000	300,000	0	0	300,000	0	0	650,000	
Clearing price =	P4								Total available capacity	300,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.51 €	0	0	0	0	0	0	0	0	
P <sub>8</sub>	2.42 €	0	0	0	0	0	0	0	0	
P <sub>7</sub>	2.33 €	0	0	0	0	0	0	0	0	
P <sub>6</sub>	2.24 €	0	0	0	0	0	0	0	0	
P <sub>5</sub>	2.15 €	0	0	0	0	0	0	0	0	
P <sub>4</sub>	2.06 €	0	0	0	800,000	0	0	0	800,000	
P <sub>3</sub>	1.97 €	0	0	0	800,000	0	0	0	800,000	
P <sub>2</sub>	1.88 €	0	0	0	800,000	0	0	0	800,000	
P <sub>1</sub>	1.79 €	0	0	0	800,000	0	0	0	800,000	
P <sub>0</sub>	1.70 €	50,000	0	0	800,000	0	0	0	850,000	
Clearing price =	P0								Total available capacity	1,100,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	0	0	0	0	0	0	0	
P <sub>8</sub>	2.30 €	0	0	0	0	0	0	0	0	
P <sub>7</sub>	2.20 €	0	0	0	0	0	0	0	0	
P <sub>6</sub>	2.10 €	0	0	0	0	0	0	0	0	
P <sub>5</sub>	2.00 €	0	0	0	0	0	0	0	0	
P <sub>4</sub>	1.90 €	0	0	0	200,000	0	0	0	200,000	
P <sub>3</sub>	1.80 €	0	0	0	200,000	0	0	0	200,000	
P <sub>2</sub>	1.70 €	0	0	0	200,000	0	0	0	200,000	
P <sub>1</sub>	1.60 €	0	0	0	200,000	0	0	0	200,000	
P <sub>0</sub>	1.50 €	50,000	0	0	200,000	0	0	0	250,000	
Clearing price =	P0								Total available capacity	800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.28 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>8</sub>	4.16 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>7</sub>	4.04 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>6</sub>	3.92 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>5</sub>	3.80 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>4</sub>	3.68 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>3</sub>	3.56 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>2</sub>	3.44 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>1</sub>	3.32 €	0	200,000	0	250,000	0	0	0	450,000	
P <sub>0</sub>	3.20 €	50,000	200,000	0	250,000	0	0	0	500,000	
Clearing price =	P9								Total available capacity	400,000

**Bundled capacity B-C**

**Allocations**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>8</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>7</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>6</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>5</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>4</sub>	0	300,000	0	0	0	0	0	0	300,000
P <sub>3</sub>	0	150,000	0	0	150,000	0	0	0	300,000
P <sub>2</sub>	0	150,000	0	0	150,000	0	0	0	300,000
P <sub>1</sub>	0	150,000	0	0	150,000	0	0	0	300,000
P <sub>0</sub>	23,077	138,462	0	0	138,462	0	0	0	300,000
	Total available capacity								300,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	0	0	0	0	0	0	0	0	0
P <sub>4</sub>	0	0	0	0	800,000	0	0	0	800,000
P <sub>3</sub>	0	0	0	0	800,000	0	0	0	800,000
P <sub>2</sub>	0	0	0	0	800,000	0	0	0	800,000
P <sub>1</sub>	0	0	0	0	800,000	0	0	0	800,000
P <sub>0</sub>	50,000	0	0	0	800,000	0	0	0	850,000
	Total available capacity								1,100,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	0	0	0	0	0	0	0	0	0
P <sub>4</sub>	0	0	0	0	200,000	0	0	0	200,000
P <sub>3</sub>	0	0	0	0	200,000	0	0	0	200,000
P <sub>2</sub>	0	0	0	0	200,000	0	0	0	200,000
P <sub>1</sub>	0	0	0	0	200,000	0	0	0	200,000
P <sub>0</sub>	50,000	0	0	0	200,000	0	0	0	250,000
	Total available capacity								800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>8</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>7</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>6</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>5</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>4</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>3</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>2</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>1</sub>	0	177,778	0	222,222	0	0	0	0	400,000
P <sub>0</sub>	40,000	160,000	0	200,000	0	0	0	0	400,000
	Total available capacity								400,000

**Day 3**

**Bundled capacity A-B**

**Bids**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.19 €	66,600	90,000	100,000	0	0	0	0	256,600	
P <sub>8</sub>	4.08 €	66,600	90,000	100,000	0	0	0	0	256,600	
P <sub>7</sub>	3.97 €	66,600	100,000	100,000	0	0	0	0	266,600	
P <sub>6</sub>	3.86 €	66,600	100,000	100,000	0	0	0	0	266,600	
P <sub>5</sub>	3.75 €	66,600	100,000	100,000	0	0	0	0	266,600	
P <sub>4</sub>	3.64 €	66,600	100,000	100,000	0	0	0	0	266,600	
P <sub>3</sub>	3.53 €	66,600	100,000	100,000	0	300,000	0	0	566,600	
P <sub>2</sub>	3.42 €	66,600	100,000	100,000	0	400,000	0	0	666,600	
P <sub>1</sub>	3.31 €	66,600	100,000	100,000	0	500,000	0	0	766,600	
P <sub>0</sub>	3.20 €	66,600	100,000	100,000	0	600,000	0	0	866,600	
Clearing price =	P3								Total available capacity	600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	0	0	0	0	0	0	0	
P <sub>8</sub>	2.30 €	0	0	0	0	0	0	0	0	
P <sub>7</sub>	2.20 €	0	0	0	100,000	0	0	0	100,000	
P <sub>6</sub>	2.10 €	0	0	0	100,000	0	0	0	100,000	
P <sub>5</sub>	2.00 €	0	0	0	100,000	0	0	0	100,000	
P <sub>4</sub>	1.90 €	0	0	0	100,000	800,000	263,158	0	1,163,158	
P <sub>3</sub>	1.80 €	0	0	0	100,000	800,000	277,778	0	1,177,778	
P <sub>2</sub>	1.70 €	0	0	0	100,000	800,000	294,118	0	1,194,118	
P <sub>1</sub>	1.60 €	0	0	0	100,000	800,000	312,500	0	1,212,500	
P <sub>0</sub>	1.50 €	50,000	0	0	100,000	800,000	333,333	0	1,283,333	
Clearing price =	P5								Total available capacity	800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	0	0	0	0	0	0	0	
P <sub>8</sub>	2.30 €	50,000	0	0	0	0	0	0	50,000	
P <sub>7</sub>	2.20 €	50,000	0	0	100,000	0	0	0	150,000	
P <sub>6</sub>	2.10 €	50,000	0	0	100,000	0	0	0	150,000	
P <sub>5</sub>	2.00 €	50,000	0	0	100,000	800,000	0	0	950,000	
P <sub>4</sub>	1.90 €	50,000	0	0	100,000	800,000	263,158	0	1,213,158	
P <sub>3</sub>	1.80 €	50,000	0	0	100,000	800,000	277,778	0	1,227,778	
P <sub>2</sub>	1.70 €	50,000	0	0	100,000	800,000	294,118	0	1,244,118	
P <sub>1</sub>	1.60 €	50,000	0	0	100,000	800,000	312,500	0	1,262,500	
P <sub>0</sub>	1.50 €	50,000	0	0	100,000	800,000	333,333	0	1,283,333	
Clearing price =	P6								Total available capacity	800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.25 €	62,500	95,000	100,000	0	400,000	0	0	657,500	
P <sub>8</sub>	4.10 €	62,500	95,000	100,000	0	400,000	0	0	657,500	
P <sub>7</sub>	3.95 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>6</sub>	3.80 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>5</sub>	3.65 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>4</sub>	3.50 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>3</sub>	3.35 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>2</sub>	3.20 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>1</sub>	3.05 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
P <sub>0</sub>	2.90 €	62,500	100,000	100,000	0	400,000	0	0	662,500	
Clearing price =	P9								Total available capacity	400,000

**Bundled capacity A-B**

**Allocations**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	66,600	90,000	100,000	0	0	0	0	0	256,600
P <sub>8</sub>	66,600	90,000	100,000	0	0	0	0	0	256,600
P <sub>7</sub>	66,600	100,000	100,000	0	0	0	0	0	266,600
P <sub>6</sub>	66,600	100,000	100,000	0	0	0	0	0	266,600
P <sub>5</sub>	66,600	100,000	100,000	0	0	0	0	0	266,600
P <sub>4</sub>	66,600	100,000	100,000	0	0	0	0	0	266,600
P <sub>3</sub>	66,600	100,000	100,000	0	300,000	0	0	0	566,600
P <sub>2</sub>	59,946	90,009	90,009	0	360,036	0	0	0	600,000
P <sub>1</sub>	52,126	78,268	78,268	0	391,338	0	0	0	600,000
P <sub>0</sub>	46,111	69,236	69,236	0	415,417	0	0	0	600,000
	Total available capacity								600,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	100,000	0	0	0	0	100,000
P <sub>6</sub>	0	0	0	100,000	0	0	0	0	100,000
P <sub>5</sub>	0	0	0	100,000	0	0	0	0	100,000
P <sub>4</sub>	0	0	0	68,778	550,226	180,996	0	0	800,000
P <sub>3</sub>	0	0	0	67,925	543,396	188,679	0	0	800,000
P <sub>2</sub>	0	0	0	66,995	535,960	197,045	0	0	800,000
P <sub>1</sub>	0	0	0	65,979	527,835	206,186	0	0	800,000
P <sub>0</sub>	31,169	0	0	62,338	498,701	207,792	0	0	800,000
	Total available capacity								800,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	50,000	0	0	0	0	0	0	0	50,000
P <sub>7</sub>	50,000	0	0	100,000	0	0	0	0	150,000
P <sub>6</sub>	50,000	0	0	100,000	0	0	0	0	150,000
P <sub>5</sub>	42,105	0	0	84,211	673,684	0	0	0	800,000
P <sub>4</sub>	32,972	0	0	65,944	527,549	173,536	0	0	800,000
P <sub>3</sub>	32,579	0	0	65,158	521,267	180,996	0	0	800,000
P <sub>2</sub>	32,151	0	0	64,303	514,421	189,125	0	0	800,000
P <sub>1</sub>	31,683	0	0	63,366	506,931	198,020	0	0	800,000
P <sub>0</sub>	31,169	0	0	62,338	498,701	207,792	0	0	800,000
	Total available capacity								800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total
P <sub>9</sub>	38,023	57,795	60,837	0	243,346	0	0	0	400,000
P <sub>8</sub>	38,023	57,795	60,837	0	243,346	0	0	0	400,000
P <sub>7</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>6</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>5</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>4</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>3</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>2</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>1</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
P <sub>0</sub>	37,736	60,377	60,377	0	241,509	0	0	0	400,000
	Total available capacity								400,000



**Day 3**

**Bundled capacity B-C**

**Bids**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	8.90 €	0	0	100,000	0	0	0	0	300,000	400,000
P <sub>8</sub>	8.30 €	0	0	100,000	0	0	0	0	300,000	400,000
P <sub>7</sub>	7.70 €	0	0	100,000	0	0	0	0	300,000	400,000
P <sub>6</sub>	7.10 €	0	0	100,000	0	0	0	0	300,000	400,000
P <sub>5</sub>	6.50 €	0	0	100,000	0	0	0	0	300,000	400,000
P <sub>4</sub>	5.90 €	50,000	0	100,000	0	0	0	0	300,000	450,000
P <sub>3</sub>	5.30 €	50,000	0	100,000	0	300,000	0	0	300,000	750,000
P <sub>2</sub>	4.70 €	50,000	0	100,000	0	300,000	0	0	300,000	750,000
P <sub>1</sub>	4.10 €	50,000	0	100,000	0	300,000	0	0	300,000	750,000
P <sub>0</sub>	3.50 €	50,000	0	100,000	0	300,000	0	0	300,000	750,000
Clearing price = P <sub>9</sub>									Total available capacity	300,000

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.51 €	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	2.42 €	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	2.33 €	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	2.24 €	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	2.15 €	0	0	0	0	0	0	0	0	0
P <sub>4</sub>	2.06 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>3</sub>	1.97 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>2</sub>	1.88 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>1</sub>	1.79 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>0</sub>	1.70 €	50,000	0	0	0	800,000	0	0	0	850,000
Clearing price = P <sub>0</sub>									Total available capacity	1,100,000

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	2.40 €	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	2.30 €	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	2.20 €	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	2.10 €	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	2.00 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>4</sub>	1.90 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>3</sub>	1.80 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>2</sub>	1.70 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>1</sub>	1.60 €	0	0	0	0	800,000	0	0	0	800,000
P <sub>0</sub>	1.50 €	50,000	0	0	0	800,000	0	0	0	850,000
Clearing price = P <sub>1</sub>									Total available capacity	800,000

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	4.28 €	0	0	100,000	225,000	400,000	0	0	400,000	1,125,000
P <sub>8</sub>	4.16 €	0	0	100,000	225,000	400,000	0	0	400,000	1,125,000
P <sub>7</sub>	4.04 €	0	0	100,000	230,000	400,000	0	0	400,000	1,130,000
P <sub>6</sub>	3.92 €	0	0	100,000	230,000	400,000	0	0	400,000	1,130,000
P <sub>5</sub>	3.80 €	0	0	100,000	230,000	400,000	0	0	400,000	1,130,000
P <sub>4</sub>	3.68 €	56,500	0	100,000	250,000	400,000	0	0	400,000	1,206,500
P <sub>3</sub>	3.56 €	56,500	0	100,000	250,000	400,000	0	0	400,000	1,206,500
P <sub>2</sub>	3.44 €	56,500	0	100,000	250,000	400,000	0	0	400,000	1,206,500
P <sub>1</sub>	3.32 €	56,500	0	100,000	250,000	400,000	0	0	400,000	1,206,500
P <sub>0</sub>	3.20 €	56,500	0	100,000	250,000	400,000	0	0	400,000	1,206,500
Clearing price = P <sub>9</sub>									Total available capacity	400,000

**Bundled capacity B-C**

**Allocations**

Quarter 1	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	0	0	75,000	0	0	0	0	0	225,000	300,000
P <sub>8</sub>	0	0	75,000	0	0	0	0	0	225,000	300,000
P <sub>7</sub>	0	0	75,000	0	0	0	0	0	225,000	300,000
P <sub>6</sub>	0	0	75,000	0	0	0	0	0	225,000	300,000
P <sub>5</sub>	0	0	75,000	0	0	0	0	0	225,000	300,000
P <sub>4</sub>	33,333	0	66,667	0	0	0	0	0	200,000	300,000
P <sub>3</sub>	20,000	0	40,000	0	120,000	0	0	0	120,000	300,000
P <sub>2</sub>	20,000	0	40,000	0	120,000	0	0	0	120,000	300,000
P <sub>1</sub>	20,000	0	40,000	0	120,000	0	0	0	120,000	300,000
P <sub>0</sub>	20,000	0	40,000	0	120,000	0	0	0	120,000	300,000
Total available capacity									300,000	

Quarter 2	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>4</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>3</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>2</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>1</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>0</sub>	50,000	0	0	0	800,000	0	0	0	850,000	850,000
Total available capacity									1,100,000	

Quarter 3	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>8</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>7</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>6</sub>	0	0	0	0	0	0	0	0	0	0
P <sub>5</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>4</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>3</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>2</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>1</sub>	0	0	0	0	800,000	0	0	0	800,000	800,000
P <sub>0</sub>	47,059	0	0	0	752,941	0	0	0	800,000	800,000
Total available capacity									800,000	

Quarter 4	S1	S2	S3	S4	S5	S6	S7	S8	Total	
P <sub>9</sub>	0	0	35,556	80,000	142,222	0	0	0	142,222	400,000
P <sub>8</sub>	0	0	35,556	80,000	142,222	0	0	0	142,222	400,000
P <sub>7</sub>	0	0	35,398	81,416	141,593	0	0	0	141,593	400,000
P <sub>6</sub>	0	0	35,398	81,416	141,593	0	0	0	141,593	400,000
P <sub>5</sub>	0	0	35,398	81,416	141,593	0	0	0	141,593	400,000
P <sub>4</sub>	18,732	0	33,154	82,884	132,615	0	0	0	132,615	400,000
P <sub>3</sub>	18,732	0	33,154	82,884	132,615	0	0	0	132,615	400,000
P <sub>2</sub>	18,732	0	33,154	82,884	132,615	0	0	0	132,615	400,000
P <sub>1</sub>	18,732	0	33,154	82,884	132,615	0	0	0	132,615	400,000
P <sub>0</sub>	18,732	0	33,154	82,884	132,615	0	0	0	132,615	400,000
Total available capacity									400,000	