

## 1. Market Data / Datos de la Sesión / Dados da Sessão

## 1.1 MIBEL SPEL Base Load (FTB / FWB / SWB)

Instrument	Nominal Value MWh	Futures (FTB)										Market Total (excl. OTC)				Forwards (FWB)		Swaps (SWB)							
		Auction		Trading Session			Closing Orders		Settlement (1)			Auction		Continuous		Energy		Fin.		Phys.		OTC		Open Interest	
		Eq. €/MWh	Open €/MWh	High €/MWh	Low €/MWh	Last €/MWh	Bid €/MWh	Ask €/MWh	Price €/MWh	Change €/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.
FTB D Tu16Jan-18	24								51,68	0,29															
FTB D We17Jan-18	24								51,88	0,38															
FTB D Th18Jan-18	24								53,13	1,56															
FTB D Fr19Jan-18	24								50,88	-0,07															
FTB D Sa20Jan-18	24								43,65	-3,67															
FTB D Su21Jan-18	24								38,35	-3,67															
FTB WE 20Jan-18	48								41,00	-3,67															
FTB Wk04-18	168								51,00	-2,00															
FTB Wk05-18	168								52,00	-1,25															
FTB Wk06-18	168								54,30	n.a.															
FTB M Feb-18	672		53,00	53,70	53,00	53,70	53,70	54,50	54,30	0,05		20	13440	40			6	1268							
FTB M Mar-18	743		47,90	48,65	47,90	48,65	48,55	49,70	48,65	0,55		20	14860	40				1277							
FTB M Apr-18	720								45,57	-0,18															
FTB M May-18	744								51,46	-0,20															
FTB M Jun-18	720								54,44	-0,22															
FTB M Jul-18	744								54,55	-0,22															
FTB Q2-18	2184		50,50	50,50	50,50	50,50	50,00	50,90	50,50	-0,20		5	10920	10			5	1070							
FTB Q3-18	2208						53,00	53,60	53,25	-0,38								932							
FTB Q4-18	2209							54,00	53,40	-0,70								924							
FTB Q1-19	2159								50,74	-0,41															
FTB Q2-19	2184								45,66	-0,37															
FTB Q3-19	2208								49,01	-0,40															
FTB Q4-19	2209								50,80	-0,41															
FTB YR-19	8760						48,70	49,60	49,05	-0,40								165							
FTB YR-20	8784						47,75	48,75	48,25	-0,41								6							
FTB YR-21	8760								47,75	0,09								7							
FTB YR-22	8760								47,75	0,09															

<sup>(1)</sup> Settlement Prices for SPEL Base Load Forward (FWB) and SPEL Base Load Swap (SWB) are identical to SPEL Base Load Futures (FTB) for the same maturity (OMIP Instruction 01/2009 no. 7) // El Precio de Referencia de Negociación para los Contratos Forward SPEL Base (FWB) y Contratos Swap SPEL Base (SWB) es idéntico al de los Contratos de Futuros SPEL Base (FTB) de igual vencimiento (Circular OMIP 01/2009 n.º 7) // O Preço de Referência de Negociação para os Forward SPEL Base (FWB) e Contratos Swap SPEL Base (SWB) é idêntico ao dos Contratos de Futuros SPEL Base (FTB) de igual maturidade (Circular OMIP 01/2009 n.º 7).

## 1.2 MIBEL SPEL Peak Load (FTK)

Instrument	Nominal Value	Futures (FTK)											Market Total (excl. OTC)						
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell					
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	Open Interest		
MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FTK D Tu16Jan-18	12								57,45	1,70									
FTK D We17Jan-18	12								56,45	0,88									
FTK D Th18Jan-18	12								57,70	2,56									
FTK D Fr19Jan-18	12								55,45	0,09									
FTK Wk04-18	60								58,17	-2,28									
FTK Wk05-18	60								59,64	-1,44									
FTK Wk06-18	60								62,81	n.a.									
FTK M Feb-18	240								62,81	0,06									
FTK M Mar-18	264								56,53	0,64									
FTK M Apr-18	252								50,37	-0,20									
FTK M May-18	276								56,86	-0,22									
FTK M Jun-18	252								60,16	-0,24									
FTK M Jul-18	264								60,29	-0,25									
FTK Q2-18	780								55,83	-0,22									
FTK Q3-18	780								58,63	-0,42									
FTK Q4-18	792								60,53	-0,79									
FTK Q1-19	768								57,15	-0,46									
FTK Q2-19	780								51,41	-0,42									
FTK Q3-19	792								55,18	-0,45									
FTK Q4-19	792								57,19	-0,46									
FTK YR-19	3132								55,23	-0,45									
FTK YR-20	3144								54,34	-0,46									
FTK YR-21	3132								53,77	0,10									
FTK YR-22	3120								53,77	0,10									

## 1.3 MIBEL PTEL Base Load (FPB)

Instrument	Futures (FPB)																Mini Swaps (SPB)				
	Nom. Value	Market Total (excl. OTC)										Instrument	Nom. Value	Mini Swaps (SPB)							
		Auction		Trading Session			Closing Orders		Settlement (1)					Buy+Sell		OTC	Open Interest				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction			Conti.	Energy			Fin.	Phys.	OTC	Open Interest
MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	#cont.				
FPB D Tu16Jan-18	24								52,16	-0,23								SPB D Tu16Jan-18	2,4		
FPB D We17Jan-18	24								52,12	-0,49								SPB D We17Jan-18	2,4		
FPB D Th18Jan-18	24								53,37	0,62								SPB D Th18Jan-18	2,4		
FPB D Fr19Jan-18	24								51,12	-0,75								SPB D Fr19Jan-18	2,4		
FPB D Sa20Jan-18	24								43,89	-4,56								SPB D Sa20Jan-18	2,4		
FPB D Su21Jan-18	24								38,59	-5,89								SPB D Su21Jan-18	2,4		
FPB WE 20Jan-18	48								41,24	-5,23								SPB WE 20Jan-18	4,8		
FPB Wk04-18	168								52,30	-2,00								SPB Wk04-18	16,8		
FPB Wk05-18	168								52,56	-1,25								SPB Wk05-18	16,8		
FPB Wk06-18	168								54,30	n.a.								SPB Wk06-18	16,8		
FPB M Feb-18	672								54,30	0,05							665	SPB M Feb-18	16,8		
FPB M Mar-18	743								48,65	0,55							665	SPB M Mar-18	7,2		
FPB M Apr-18	720								45,78	-0,18								SPB M Apr-18	67,2		
FPB M May-18	744								51,69	-0,20								SPB M May-18	74,3		
FPB M Jun-18	720								54,69	-0,22								SPB M Jun-18	72		
FPB M Jul-18	744								54,78	-0,22								SPB M Jul-18	74,4		
FPB Q2-18	2184								50,73	-0,20							465	SPB Q2-18	72		
FPB Q3-18	2208								53,41	-0,38							265	SPB Q3-18	74,4		
FPB Q4-18	2209								53,41	-0,70							265	SPB Q4-18	218,4		
FPB Q1-19	2159								50,75	-0,42								SPB Q1-19	220,8		
FPB Q2-19	2184								45,68	-0,37								SPB Q2-19	220,9		
FPB Q3-19	2208								49,04	-0,41								SPB Q3-19	215,9		
FPB Q4-19	2209								50,84	-0,42								SPB Q4-19	218,4		
FPB YR-19	8760								49,08	-0,40								SPB YR-19	220,8		
FPB YR-20	8784								48,28	-0,41								SPB YR-20	220,9		
FPB YR-21	8760								47,78	0,09								SPB YR-21	876		
FPB YR-22	8760								47,78	0,09								SPB YR-22	878,4		

(1) Settlement Prices for Mini PTEL Base Load Swap (SPB) are identical to PTEL Base Load Futures (FPB) for the same maturity (OMIP Instruction 01/2009 no. 7) // El Precio de Referencia de Negociación para los Contratos Swap Mini PTEL Base (SPB) es idéntico al de los Contratos de Futuros SPEL Base (FTB) de igual vencimiento (Circular OMIP 01/2009 n.º 7) // O Preço de Referência de Negociação para os Contratos Swap Mini PTEL Base (SPB) é idêntico ao dos Contratos de Futuros SPEL Base (FTB) de igual maturidade (Circular OMIP 01/2009 n.º 7).

### 1.4 Mini SPEL Solar Swap (SWS)

Instrument	Nominal Value	Mini Swaps (SWS)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement			Buy+Sell					
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
SWS D Tu16Jan-18	0,266								57,88	1,48							
SWS D We17Jan-18	0,266							56,74	0,82								
SWS D Th18Jan-18	0,266							57,99	2,22								
SWS D Fr19Jan-18	0,266							55,74	0,07								
SWS D Sa20Jan-18	0,266							46,26	-3,67								
SWS D Su21Jan-18	0,266							40,20	-3,67								
SWS Wk04-18	1,862							54,83	-2,15								
SWS Wk05-18	2,346							55,88	-1,34								
SWS Wk06-18	2,709							58,33	n.a.								
SWS M Feb-18	10,836							58,33	0,05								
SWS M Mar-18	14,353							52,31	0,59								
SWS M Apr-18	16,95							48,99	-0,19								

## 1.5 German DEEL Base Load (FDB)

Instrument	Nominal Value €/MWh	Futures (FDB)													Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement		Auction		Continuous	Energy	Buy+Sell			Open Interest #cont.
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	MWh	Fin.	Phys.	OTC		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	
FDB D Tu16Jan-18	24								27,22	0,10								
FDB D We17Jan-18	24								29,23	1,27								
FDB D Th18Jan-18	24								19,48	-18,80								
FDB D Fr19Jan-18	24								31,67	-10,61								
FDB D Sa20Jan-18	24								35,90	2,35								
FDB D Su21Jan-18	24								32,44	2,13								
FDB WE 20Jan-18	48								34,17	2,24								
FDB Wk04-18	168								38,03	-3,75								
FDB Wk05-18	168								39,53	-3,17								
FDB Wk06-18	168								41,17	n.a.								
FDB M Feb-18	672								40,81	-1,17								
FDB M Mar-18	743								36,31	-0,53								
FDB M Apr-18	720								35,11	-0,49								
FDB M May-18	744								31,70	-0,47								
FDB M Jun-18	720								35,11	-0,51								
FDB M Jul-18	744								34,80	-0,20								
FDB Q2-18	2184								33,95	-0,49								
FDB Q3-18	2208								34,61	-0,20								
FDB Q4-18	2209								39,40	-0,31								
FDB Q1-19	2159								39,60	-0,45								
FDB Q2-19	2184								32,17	-0,28								
FDB Q3-19	2208								32,50	-0,13								
FDB Q4-19	2209								37,16	-0,17								
FDB YR-19	8760								35,34	-0,26								
FDB YR-20	8784								34,63	-0,21								
FDB YR-21	8760								35,03	-0,38								
FDB YR-22	8760								36,75	-0,42								

## 1.6 French FREL Base Load (FFB)

Instrument	Nominal Value	Futures (FFB)																
		Auction		Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)							
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FFB D Tu16Jan-18	24								33,54	-5,91								
FFB D We17Jan-18	24							34,33	-3,91									
FFB D Th18Jan-18	24							32,00	-6,30									
FFB D Fr19Jan-18	24							37,50	0,67									
FFB D Sa20Jan-18	24							39,87	-1,68									
FFB D Su21Jan-18	24							36,89	-1,56									
FFB WE 20Jan-18	48							38,38	-1,62									
FFB Wk04-18	168							42,91	-5,99									
FFB Wk05-18	168							45,75	-7,50									
FFB Wk06-18	168							50,05	n.a.									
FFB M Feb-18	672							49,17	-2,41									
FFB M Mar-18	743							41,69	-0,70									
FFB M Apr-18	720							38,25	-0,88									
FFB M May-18	744							32,48	-0,70									
FFB M Jun-18	720							34,75	-0,37									
FFB M Jul-18	744							34,82	-0,22									
FFB Q2-18	2184							35,13	-0,65									
FFB Q3-18	2208							35,23	-0,17									
FFB Q4-18	2209							49,08	-0,17									
FFB Q1-19	2159							50,50	-0,78									
FFB Q2-19	2184							33,33	-0,11									
FFB Q3-19	2208							32,27	-0,02									
FFB Q4-19	2209							45,88	-0,03									
FFB YR-19	8760							40,46	-0,23									
FFB YR-20	8784							39,85	-0,15									
FFB YR-21	8760							39,22	-0,66									
FFB YR-22	8760							39,22	-0,66									

## 1.7 PVB-ES NG Physical Futures Contracts (FGE)

Instrument	Nominal Value MWh/Day	Futures (FGE)											Market Total (excl. OTC)				Open Interest #cont.	
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.		#cont.
FGE D Tu16Jan-18	1								21,91	-0,54								
FGE D We17Jan-18	1								21,91	-0,54								
FGE D Th18Jan-18	1								21,91	-0,54								
FGE D Fr19Jan-18	1								21,91	-0,54								
FGE D Sa20Jan-18	1								21,91	-0,54								
FGE D Su21Jan-18	1								21,91	-0,54								
FGE WE 20Jan-18	2								21,91	-0,54								
FGE WkDs04-18	5								22,80	-0,56								
FGE WE 27Jan-18	2								22,80	-0,56								
FGE WkDs05-18	5								22,80	-0,55								
FGE WE 03Feb-18	2								22,80	-0,53								
FGE WkDs06-18	5								22,80	n.a.								
FGE WE 10Feb-18	2								22,80	n.a.								
FGE BoM D+1 Calendar Day	16								22,80	n.a.								
FGE M Feb-18	28								22,80	-0,53								
FGE M Mar-18	31								21,99	-0,40								
FGE M Apr-18	30								20,08	-0,30								
FGE Q2-18	91								19,28	-0,26								
FGE Q3-18	92								19,38	-0,08								
FGE Q4-18	92								23,40	-0,30								
FGE Q1-19	90								19,86	-0,26								
FGE Sum-18	183								19,33	-0,17								
FGE Win-18	182								21,65	-0,28								
FGE Sum-19	183								17,08	-0,18								
FGE YR-19	365								19,28	-0,20								
FGE YR-20	366								18,43	-0,10								

**1.8 MIBEL SPEL Base Load Financial Futures Options (OEB)**
**1.8.1 Month Futures Options**

Instrument	Nominal Value €/MWh	Futures Options (OEB)															
		Market Total (excl. OTC)										Buy+Sell					
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C M Feb-18 54	672								1,10	n.a.							
OEB C M Feb-18 55	672								0,64	n.a.							
OEB C M Feb-18 56	672								0,34	n.a.							
OEB C M Feb-18 57	672								0,16	n.a.							
OEB C M Feb-18 58	672								0,07	n.a.							
OEB C M Feb-18 59	672								0,03	n.a.							
OEB C M Feb-18 60	672								0,01	n.a.							
OEB C M Feb-18 61	672								0,00	n.a.							
OEB P M Feb-18 57	672								2,86	n.a.							
OEB P M Feb-18 56	672								2,04	n.a.							
OEB P M Feb-18 55	672								1,34	n.a.							
OEB P M Feb-18 54	672								0,80	n.a.							
OEB P M Feb-18 53	672								0,42	n.a.							
OEB P M Feb-18 52	672								0,19	n.a.							
OEB P M Feb-18 51	672								0,08	n.a.							
OEB C M Mar-18 48	743								1,55	n.a.							
OEB C M Mar-18 49	743								1,05	n.a.							
OEB C M Mar-18 50	743								0,67	n.a.							
OEB C M Mar-18 51	743								0,40	n.a.							
OEB C M Mar-18 52	743								0,23	n.a.							
OEB C M Mar-18 53	743								0,12	n.a.							
OEB P M Mar-18 49	743								1,40	n.a.							
OEB P M Mar-18 48	743								0,90	n.a.							
OEB P M Mar-18 47	743								0,54	n.a.							
OEB P M Mar-18 46	743								0,30	n.a.							
OEB P M Mar-18 45	743								0,15	n.a.							
OEB P M Mar-18 44	743								0,06	n.a.							



## 1.8.2 Quarter Futures Options

Instrument	Nominal Value €/MWh	Futures Options (OEB)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement			Buy+Sell					
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C Q2-18 44	2184								6,52	n.a.							
OEB C Q2-18 45	2184								5,55	n.a.							
OEB C Q2-18 46	2184								4,60	n.a.							
OEB C Q2-18 47	2184								3,70	n.a.							
OEB C Q2-18 48	2184								2,88	n.a.							
OEB C Q2-18 49	2184								2,15	n.a.							
OEB C Q2-18 50	2184								1,54	n.a.							
OEB C Q2-18 51	2184								1,05	n.a.							
OEB C Q2-18 52	2184								0,68	n.a.							
OEB C Q2-18 53	2184								0,42	n.a.							
OEB P Q2-18 50	2184								1,04	n.a.							
OEB P Q2-18 49	2184								0,65	n.a.							
OEB P Q2-18 48	2184								0,38	n.a.							
OEB P Q2-18 47	2184								0,20	n.a.							
OEB P Q2-18 46	2184								0,10	n.a.							
OEB P Q2-18 45	2184								0,04	n.a.							
OEB P Q2-18 44	2184								0,02	n.a.							
OEB P Q2-18 43	2184								0,01	n.a.							
OEB P Q2-18 42	2184								0,00	n.a.							
OEB P Q2-18 41	2184								0,00	n.a.							
OEB P Q2-18 40	2184								0,00	n.a.							
OEB C Q3-18 53	2208								2,28	n.a.							
OEB C Q3-18 54	2208								1,81	n.a.							
OEB C Q3-18 55	2208								1,42	n.a.							
OEB C Q3-18 56	2208								1,10	n.a.							
OEB P Q3-18 53	2208								2,03	n.a.							
OEB P Q3-18 52	2208								1,56	n.a.							
OEB P Q3-18 51	2208								1,17	n.a.							
OEB P Q3-18 50	2208								0,85	n.a.							
OEB P Q3-18 49	2208								0,60	n.a.							

## 1.8.3 Year Futures Options

Instrument	Futures Options (OEB)																
	Nominal Value	Market Total (excl. OTC)										Buy+Sell					
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
OEB C 4 YR-19 49	8760							2,16	n.a.								
OEB C 4 YR-19 50	8760							1,71	n.a.								
OEB C 4 YR-19 51	8760							1,33	n.a.								
OEB C 4 YR-19 52	8760							1,03	n.a.								
OEB P 4 YR-19 49	8760							2,11	n.a.								
OEB P 4 YR-19 48	8760							1,62	n.a.								
OEB P 4 YR-19 47	8760							1,22	n.a.								
OEB P 4 YR-19 46	8760							0,89	n.a.								
OEB P 4 YR-19 45	8760							0,62	n.a.								

## 1.9 FTR Baseload (FTR)

Instrument	Nominal Value	Financial Transmission Rights (FTR)																	
		Auction		Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)								
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Buy+Sell				Open Interest	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FTR E-P M Feb-18	672								0,00	n.a.									500
FTR P-E M Feb-18	672								0,00	n.a.									500
FTR E-P M Mar-18	743								0,00	n.a.									500
FTR P-E M Mar-18	743								0,00	n.a.									500
FTR E-P M Apr-18	720								0,00	n.a.									
FTR P-E M Apr-18	720								0,00	n.a.									
FTR E-P Q2-18	2184								0,00	n.a.									200
FTR P-E Q2-18	2184								0,00	n.a.									200
FTR E-P Q3-18	2208								0,00	n.a.									
FTR P-E Q3-18	2208								0,00	n.a.									

### 1.10 Index / Índices / Índices

Day	Iberian						Non-Iberian				
	PTEL Index		SPEL Index		Spread PTEL/SPEL		FTR Index		SPEL Solar Index	(German) DEEL Index	(French) FREL Index
	Base	Peak	Base	Peak	Base	Peak	Base	P-E	Solar	Base	Base
13-01-2018	55,32	58,10	55,32	58,10	0,00	0,00	0,00	0,00	58,71	33,78	39,45
14-01-2018	53,17	55,05	53,17	55,05	0,00	0,00	0,00	0,00	54,58	28,64	36,44
15-01-2018	57,99	61,35	57,99	61,35	0,00	0,00	0,00	0,00	61,50	26,57	40,79
16-01-2018	52,16	57,45	51,68	57,45	0,48	0,00	0,00	0,48	57,88	27,22	33,54

## 2. Market Information / Información del Mercado / Informação do Mercado

### 2.1 Session Timetable/ Horario de la Sesión / Horário da Sessão

Pre-Trade	Continuous Trading	Pre-Close
8:00 – 9:00	9:00 – 17:00	17:00 – 18:30

CET (Central European Time)

## 2.2 Members / Miembros / Membros

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Acciona Green Energy Developments S.L.	X						
Alpiq, AG	X						
Arraco Global Markets Ltd	X	X					
Axpo Iberia, S.L.U.	X		X			X	X
Banco L.J. Carregosa, S.A.				X	X		
Banco Santander. S.A.	X			X	X		
BP Gas Marketing Limited	X						
Caixa Geral de Depósitos. S.A.				X	X		
Céltica Energía, S.L.	X						
Cepsa Gas y Electricidad, S.A.	X						
CIMD - Sociedad de Valores. S.A.	X	X					
Citadel Energy Investments (Ireland) DAC	X						
Citibank International PLC. Sucursal en España					X		
Citigroup Global Markets Limited	X		X				
City Financial Investment Company Limited	X						
Clídom Energy S.L.	X						
Cumulus Energy Master Fund			X				
Danske Commodities, A/S	X						
Dreue Electric, S.L.	X						
Ecochoice, S.A.	X						
EDF Trading Limited	X						
EDP - Energias de Portugal. S.A.	X					X	
EDP - Serviço Universal. S.A.	X					X	
EDP España, S.A.U.	X					X	
EGL. AG						X	

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Endesa Energía XXI. S.L.	X					X	
Endesa Generación. S.A.	X		X			X	
Enérgya VM Gestión de Energía S.L.U.	X						
Enforcesco S.A.	X						
Engie Global Markets	X		X				
Eni Trading & Shipping	X						
Evergreen Eléctrica S.L.	X						
Factor Energía. S.A.	X					X	
Fenie Energía, S.A.	X						
Foener Comercialización España, S.A.U.	X						
Fortia Energía, S.L.	X					X	
Fortia Energía Servicios	X						
Freepoint Commodities Europe LLP	X						
Galp Power S.A.	X						
Gas Natural Electricidad S.A.						X	
Gas Natural SDG. S.A.	X					X	
Gas Natural S U R SDG. S.A.	X					X	
GeoAtlanter, S.L.	X						
Gesternova, S.A.	X						
Gnera Energía y Tecnología, S.L	X						
Goldman Sachs International	X			X			
Griffin Markets Limited		X					
Iberdrola Comercialización de Último Recurso S.A.U.	X						
Iberdrola Generación España, S.A.U	X		X				
ICAP Energy. AS		X					
Jafplus Energía, Lda.	X						

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
J. Aron & Company						X	
J. P. Morgan Securities, plc	X						
Kyonynsys Century S.L.U.	X						
Ledesma Comercializadora Eléctrica , S.L.	X						
Mercuria Energy Trading S.A.	X						
Morgan Stanley Bank. AG					X		
Macquarie Bank Limited	X						
Nexus Energía. S.A.	X					X	
PH Energía, Lda.	X						
Red Eléctrica de España, S.A.U.	X		X				
REN - Rede Eléctrica Nacional, S.A.	X		X				
Shell Energy Europe Limited	X						
Sociedad Bilbao Gas Hub, S.A.		X					
Spectron Energy Services Limited		X					
Switch Energy, S.L.	X						
TFS Derivatives Ltd	X						
Total Gas & Power Limited	X						
Traditon Financial Services, LTD		X					
TrailStone GmgH	X						
Tullett Prebon (Europe) Limited		X					
Tullett Prebon (Securities) Limited	X						
Uniper Global Commodities SE	X		X				
Viesgo Comercializadora de Referencia, S.L.	X					X	
Viesgo Generación, S.L.	X		X			X	
Vertsel Energía, S.L.U.	X						
Viesgo Renovables, S.L	X						

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Villar Mir Energía , S.L.U.	X						



### 3. Fees / Tarifas / Preçário:

#### 3.1 Trading/Registration, Clearing and Physical Delivery Fees of Power Derivatives Contracts / Comisiones de Negociación/Registro, Compensación y de Entrega Física de Contratos Derivados de Electricidad / Comissões de Negociação/Registo, de Compensação e de Entrega Física de Contratos Derivados de Electricidade

Type of Transaction (Power Transactions)	OMIP Trading / Registration Fee		
	MV* < 1,5 TWh	1.5TW <= MV * <= 3 TWh	MV * >= 3 TWh
Continuous Trading	0,0075	0,0050	0,0025
Call Auction Trading	0,0075	0,0075	0,0075
Bilateral Transactions ** (between different owners)	0,0045	0,0045	0,0030
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0

Units: Euro/MWh

\* MV – Monthly Volume (calculated independently for transactions made through Continuous Trading and for those Operational Transactions registered in OMIP Derivatives Market).

\*\* Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

Trading Members (Light) are charged trading and registration fees two (2) times greater.

Type of Transaction (Power Transactions)	OMIClear Clearing Fee			OMIClear Physical Delivery Fee ***
	MV* < 1,5 TWh	1.5TW <= MV * <= 3 TWh	MV * >= 3 TWh	
Continuous Trading	0,0070	0,0050	0,0025	
Call Auction Trading	0,0070	0,0070	0,0070	
Bilateral Transactions ** (between different owners)	0,0070	0,0050	0,0025	0,01
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0	

Units: Euro/MWh

\* MV – Monthly Volume (calculated independently for transactions made through Continuous Trading and for those Operational Transactions registered in OMIP Derivatives Market).

\*\* Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

\*\*\* Based on the net position under delivery calculated on a (power) physical trading account level.

**3.2 Registration, Clearing and Physical Delivery Fees of Natural Gas Derivatives Contracts / Comisiones de Registro, Compensación y de Entrega Física de Contratos Derivados de Gas Natural / Comissões de Registo, de Compensação e de Entrega Física de Contratos Derivados de Gás Natural**

Type of Transaction (Natural Gas Transactions)	OMIP Registration Fee	OMIClear Clearing Fee	OMIClear Physical Delivery Fee **
Bilateral Transactions ** (between different owners)	0,005	0,007	0,0055
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0

Unit: Euro/MWh

\* Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

\*\* Based on the net position under delivery calculated on a (gas) physical delivery account level.

Further details on the price lists in place can be found in OMIP Notice 03/2010 and OMIClear Instruction A02/2014 available in the respective websites // Para más detalle de las tarifas en vigor por favor consultar el Aviso OMIP 03/2010 y la Circular OMIClear A02/2014 disponibles en los respectivos sitios web // Para mais detalhe dos preços em vigor por favor consultar Aviso OMIP 03/2010 e Circular OMIClear A02/2014 disponíveis nos respectivos websites.

**3.3 Admission & Maintenance Fees / Comisiones de Admisión y Mantenimiento/ Comissões de Admissão e Manutenção**

Member Status	OMIP	
	Admission Fee (One-off Fee)	Maintenance Fee (Annual Fee)
Trading Member 1 <sup>(1)</sup>	12 000	12 000
Trading Member 2 <sup>(2)</sup>	12 000 <sup>(3)</sup>	1 000 per account <sup>(4)</sup>
Trading Member Light	1600	1600
Broker OTC	0	2 000

Unit: Euro

<sup>(1)</sup> For Own Account and Third Parties Account

<sup>(2)</sup> For Third Parties Account

<sup>(3)</sup> Paid 6.000 EUR in the admission date plus 6.000 EUR when open the first trading account

<sup>(4)</sup> Up to a maximum 12.000 EUR

Member Status	OMIClear	
	Admission Fee (One-off Fee)	Maintenance Fee (Annual Fee)
Direct Clearing Member	10 000	10 000
General Clearing Member	15 000	15 000
Financial Settlement Agent	0	0
Physical Settlement Agent	0	0

Unit: Euro

## 4. Rules / Reglas / Regras

### 4.1 OMIP Trading Rules / Reglas de Negociación de OMIP / Regras da Negociação do OMIP

↻ <http://www.omip.pt/Downloads/tabid/104/language/en-GB/Default.aspx>

### 4.2 OMIClear Clearing Rules / Reglas de Compensación de OMIClear / Regras da Compensação da OMIClear

↻ <http://www.omiclear.pt/Downloads/tabid/170/language/en-GB/Default.aspx>

### 4.3 OMIP Code of Conduct / Código de Ética de OMIP / Código de Ética do OMIP

↻ <http://www.omip.pt/Downloads/tabid/104/language/en-GB/Default.aspx>

## 5. Operational Limits

### 5.1. Parameters of the Order Transaction Ratio

In accordance with OMIP Instruction 01/2017 – Operational Limits, OMIP sets the following limits to ratio of the quantity of ordered contracts to executed contracts to 10.000 and the following limit to the ratio of the volume of ordered contracts to executed contracts to 72.000.000 MWh.

### 5.2 Positions Limits

The Portuguese financial regulator (CMVM), published on December 27<sup>th</sup> 2017 (\*) the Positions Limits applicable to OMIP products. According to OMIP calculation (approved by CMVM) the following limits apply:

Venue Product Code		New & Illiquid		Spot Month			Other Months		
Limit Group	Unit	New & Illiquid Art 15 1.a)	New & Illiquid Art 15 1.a) Applicable Limit	Deliverable Supply	Spot Month Limit Factor	Spot Month Applicable Limit	Limit Group Total Open Interest (2 sides)	Other Months Factor	Other Months Applicable Limit
SPEL Base	MWh	FALSE	n.a.	80.089.930	0,25	20.022.483	33.073.033	0,35	11.575.562
SPEL Peak	MWh	TRUE	900.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
PTEL Base	MWh	TRUE	1.800.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
SPEL Solar	MWh	TRUE	59.325	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
DEEL Base	MWh	TRUE	1.800.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FREL Base	MWh	TRUE	1.800.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IFTR E-P Base	MWh	TRUE	1.800.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IFTR P-E Base	MWh	TRUE	1.800.000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

(\*) [http://www.cmvm.pt/en/SDI/pn/derivatives/Pages/Derivados-de-mercadorias\\_rets-21\\_spel.aspx](http://www.cmvm.pt/en/SDI/pn/derivatives/Pages/Derivados-de-mercadorias_rets-21_spel.aspx)

### 5.3. Volume Limits per Order/Transaction (nº of contracts)

Power Products: Days (500), Weekends (500), Weeks (250), Months (100), Quarters (100), Years (50).

Natural Gas Products: Days (10000), Weekends (10000), Week Days (5000), Balance of the Month (2000), Months (2000), Quarters (2000), Season (1500), Years (1000).

## 6. Liquidity Provider / Proveedor de Liquidez / Fornecedor de Liquidez

### 6.1 MIBEL SPEL Base Load Futures (FTB)

Contract / Contrato / Contrato	Liquidity Provider / Proveedor de Liquidez / Fornecedor de Liquidez
<b>FTB M+1</b>	Endesa Generación, S.A.U.
<b>FTB M+2</b>	
<b>FTB Q+1</b>	Axpo Iberia, S.L.
<b>FTB Q+2</b>	
<b>FTB Y+1</b>	
<b>FTB Y+2</b>	EDF Trading Markets Limited

*M+1: Front month contract // Contrato del mes siguiente // Contrato do mês seguinte*

*M+2: Second month ahead contract // Contrato del segundo mes siguiente // Contrato do segundo mês seguinte*

*Q+1: Front quarter contract // Contrato del trimestre siguiente // Contrato do trimestre seguinte*

*Q+2: Second quarter ahead contract // Contrato del segundo trimestre siguiente // Contrato do segundo trimestre seguinte*

*Y+1: Front Year contract // Contrato del primer año siguiente // Contrato do primeiro ano seguinte*

*Y+2: Second year ahead contract // Contrato del segundo año siguiente // Contrato do segundo ano seguinte*

## 6.2 MIBEL SPEL Base Load Futures (FTB) (cont.)

- ⊕ Endesa Generación, S.A.U performs liquidity provider operations in the two front months each moment listed for trading on the "FTB..." contracts.
- ⊕ Axpo Iberia, S.L. performs liquidity provider operations in the front year and the two front quarters each moment listed for trading on the "FTB..." contracts.
- ⊕ EDF Trading Limited performs liquidity provider operations in the second year each moment listed for trading on the "FTB..." contracts.
  
- ⊕ Endesa Generación, S.A.U realiza operaciones de proveedores de liquidez en los dos meses más cercanos a cada momento listados para negociación en los contratos "FTB..."
- ⊕ Axpo Iberia, S.L. realiza operaciones de proveedores de liquidez en el primer año y en los dos trimestres más cercanos a cada momento listados para negociación en los contratos "FTB..."
- ⊕ EDF Trading Limited realiza operaciones de proveedores de liquidez en el segundo año más cercano a cada momento listado para negociación en los contratos "FTB..."
  
- ⊕ Endesa Generación, S.A.U. realiza operações de fornecedores de liquidez nos dois primeiros meses a cada momento listados para negociação nos contratos "FTB..."
- ⊕ Axpo Iberia, S.L. realiza operações de fornecedores de liquidez no primeiro ano e nos dois trimestres mais próximos listados a cada momento para negociação nos contratos "FTB..."
- ⊕ EDF Trading Limited realiza operações de fornecedores de liquidez no segundo ano a cada momento listado para negociação nos contratos "FTB..."