

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)																Forwards (FWB)		Swaps (SWB)	
		Market Total (excl. OTC)																			
		Auction		Trading Session			Closing Orders		Settlement ⁽¹⁾		Buy+Sell										
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest	OTC	Open Interest	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.
FTB D Th29Nov-18	24								61,89	-0,53											
FTB D Fr30Nov-18	24						57,00		61,50	-0,14											
FTB D Sa01Dec-18	24						54,00		59,76	0,00											
FTB D Su02Dec-18	24						54,00		54,24	0,00											
FTB WE 01Dec-18	48						53,00		57,00	0,00											
FTB Wk49-18	168						58,00		60,00	-2,25											
FTB Wk50-18	168						58,50		61,75	-0,50											
FTB Wk51-18	168						58,00		61,75	-0,50											
FTB M Dec-18	744						61,30	62,50	61,75	-0,50							1191				
FTB M Jan-19	744		62,95	62,95	62,95	62,95	63,00	63,40	63,20	0,25		10	7440	20			50				
FTB M Feb-19	672						63,25		63,50	0,30							3				
FTB M Mar-19	743								56,25	-1,82											
FTB M Apr-19	720						48,50		48,75	0,48											
FTB M May-19	744								57,97	0,26											
FTB Q1-19	2159		60,70	60,70	60,70	60,70	60,70	61,50	60,90	-0,45		3	6477	6		10	169				
FTB Q2-19	2184						56,30	57,20	56,75	0,25							21				
FTB Q3-19	2208								62,60	-0,10											
FTB Q4-19	2209								63,90	-0,10											
FTB Q1-20	2183								53,82	-0,16											
FTB Q2-20	2184								50,15	0,44											
FTB Q3-20	2208								55,32	0,16											
FTB YR-19	8760						60,60	61,50	61,05	-0,10							431				
FTB YR-20	8784							54,90	53,95	0,15							117				
FTB YR-21	8760								51,30	0,15							20				
FTB YR-22	8760							49,50	48,18	0,15							2				
FTB YR-23	8760								47,03	0,15							1				

⁽¹⁾ 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)															
		Auction										Market Total (excl. OTC)					
		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.	#cont.
FTK D Th29Nov-18	12								66,66	-0,14							
FTK D Fr30Nov-18	12								65,98	-0,04							
FTK Wk49-18	60								66,87	-2,51							
FTK Wk50-18	60								68,85	-0,55							
FTK Wk51-18	60								68,85	-0,55							
FTK M Dec-18	252								68,85	-0,55							
FTK M Jan-19	276								70,12	0,28							
FTK M Feb-19	240								70,49	0,34							
FTK M Mar-19	252								62,45	-2,16							
FTK M Apr-19	264								52,65	0,52							
FTK M May-19	276								61,45	0,27							
FTK Q1-19	768								67,72	-0,50							
FTK Q2-19	780								60,18	0,27							
FTK Q3-19	792								67,20	-0,11							
FTK Q4-19	792								68,58	-0,11							
FTK Q1-20	780								58,09	-0,17							
FTK Q2-20	780								54,19	0,48							
FTK Q3-20	792								59,75	0,17							
FTK YR-19	3132								65,93	-0,11							
FTK YR-20	3144								58,27	0,16							
FTK YR-21	3132								55,40	0,16							
FTK YR-22	3120								52,02	0,16							
FTK YR-23	3120								50,79	0,16							

1.3 MIBEL PTEL Base Load (FPB)

		Futures (FPB)																		Mini Swaps (SPB)	
Instrument	Nom. Value	Market Total (excl. OTC)																Instrument	Nom. Value		
		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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.				
FPB D Th29Nov-18	24								61,89	-0,53								SPB D Th29Nov-18	2,4		
FPB D Fr30Nov-18	24								61,50	-0,14								SPB D Fr30Nov-18	2,4		
FPB D Sa01Dec-18	24								59,76	0,00								SPB D Sa01Dec-18	2,4		
FPB D Su02Dec-18	24								54,24	0,00								SPB D Su02Dec-18	2,4		
FPB WE 01Dec-18	48								57,00	0,00								SPB WE 01Dec-18	4,8		
FPB Wk49-18	168								59,15	-2,25								SPB Wk49-18	16,8		
FPB Wk50-18	168								60,90	-0,50								SPB Wk50-18	16,8		
FPB Wk51-18	168								60,90	-0,50								SPB Wk51-18	16,8		
FPB M Dec-18	744								60,90	-0,50							665	SPB M Dec-18	74,4		
FPB M Jan-19	744								61,88	0,25								SPB M Jan-19	74,4		
FPB M Feb-19	672								62,25	0,30								SPB M Feb-19	67,2		
FPB M Mar-19	743								55,07	-1,82								SPB M Mar-19	74,3		
FPB M Apr-19	720								49,09	0,48								SPB M Apr-19	72,0		
FPB M May-19	744								58,31	0,26								SPB M May-19	74,4		
FPB Q1-19	2159								59,65	-0,45							100	SPB Q1-19	215,9		
FPB Q2-19	2184								58,02	0,25								SPB Q2-19	218,4		
FPB Q3-19	2208								61,95	-0,10								SPB Q3-19	220,8		
FPB Q4-19	2209								63,64	-0,10								SPB Q4-19	220,9		
FPB Q1-20	2183								53,85	-0,16								SPB Q1-20	218,3		
FPB Q2-20	2184								50,18	0,44								SPB Q2-20	218,4		
FPB Q3-20	2208								55,35	0,16								SPB Q3-20	220,8		
FPB YR-19	8760								60,83	-0,10							150	SPB YR-19	876,0		
FPB YR-20	8784								53,98	0,15								SPB YR-20	878,4		
FPB YR-21	8760								51,33	0,15								SPB YR-21	876,0		
FPB YR-22	8760								48,21	0,15								SPB YR-22	876,0		
FPB YR-23	8760								47,06	0,15								SPB YR-23	876,0		

⁽¹⁾ Settlement Prices for Mini PTEL Base Load Swap (FPB) 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 (FPB) 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 (FPB) é idêntico ao dos Contratos de Futuros SPEL Base (FTB) de igual maturidade (Circular OMIP 01/2009 n.º 7).

1.4 MIBEL SPEL Solar Load (FTS)

Instrument	Nominal Value	Futures (FTS)											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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTS D Th29Nov-18	2,72								65,18	-0,41							
FTS D Fr30Nov-18	2,72								64,70	-0,11							
FTS D Sa01Dec-18	2,35								59,74	0,00							
FTS D Su02Dec-18	2,35								56,35	0,00							
FTS WE 01Dec-18	4,7								58,05	0,00							
FTS Wk49-18	16,45								62,02	-2,33							
FTS Wk50-18	16,45								63,83	-0,52							
FTS Wk51-18	16,45								63,83	-0,52							
FTS M Dec-18	72,85								63,83	-0,52							
FTS M Jan-19	82,46								65,31	0,26							
FTS M Feb-19	108,36								64,81	0,31							
FTS M Mar-19	143,53								58,26	-1,45							
FTS M Apr-19	169,5								49,74	0,49							
FTS M May-19	213,9								59,12	0,27							
FTS Q1-19	334,35								62,12	-0,46							
FTS Q2-19	602,4								57,95	0,25							
FTS Q3-19	619,19								64,48	-0,20							
FTS Q4-19	277,52								66,76	-0,21							
FTS Q1-20	334,35								54,64	-0,16							
FTS Q2-20	602,4								50,90	0,45							
FTS Q3-20	619,19								56,14	0,16							
FTS YR-19	1833,46								62,25	-0,10							
FTS YR-20	1837,33								54,76	0,15							
FTS YR-21	1833,46								51,81	0,15							
FTS YR-22	1833,46								48,42	0,15							
FTS YR-23	1833,46								47,03	0,15							

1.5 German DEEL Base Load (FDB)

Instrument	Nominal Value	Futures (FDB)														
		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
														Fin.	Phys.	
	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FDB D Th29Nov-18	24								50,40	4,18						
FDB D Fr30Nov-18	24								55,15	1,62						
FDB D Sa01Dec-18	24								48,79	-0,76						
FDB D Su02Dec-18	24								39,83	-5,04						
FDB WE 01Dec-18	48								44,31	-2,90						
FDB Wk49-18	168								51,85	-2,06						
FDB Wk50-18	168								59,07	-3,95						
FDB Wk51-18	168								58,99	-2,76						
FDB M Dec-18	744								51,81	-1,63						
FDB M Jan-19	744								62,52	-1,31						
FDB M Feb-19	672								60,67	-0,88						
FDB M Mar-19	743								49,40	-0,68						
FDB M Apr-19	720								48,83	-0,40						
FDB M May-19	744								44,56	-0,49						
FDB Q1-19	2159								57,43	-0,96						
FDB Q2-19	2184								47,43	-0,45						
FDB Q3-19	2208								48,21	-0,43						
FDB Q4-19	2209								53,33	-0,60						
FDB Q1-20	2183								54,01	-0,54						
FDB Q2-20	2184								42,46	-0,44						
FDB Q3-20	2208								43,00	-0,37						
FDB YR-19	8760								51,58	-0,61						
FDB YR-20	8784								47,22	-0,42						
FDB YR-21	8760								45,25	-0,42						
FDB YR-22	8760								44,80	-1,35						
FDB YR-23	8760								46,28	-0,90						

1.6 French FREL Base Load (FFB)

		Futures (FFB)																	
Instrument	Nominal Value															Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement				Buy+Sell		OTC	Open Interest			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.			Phys.		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.			#cont.		
FFB D Th29Nov-18	24								62,38	0,13									
FFB D Fr30Nov-18	24								62,00	1,21									
FFB D Sa01Dec-18	24								56,83	-0,28									
FFB D Su02Dec-18	24								53,63	-0,26									
FFB WE 01Dec-18	48								55,23	-0,27									
FFB Wk49-18	168								59,95	-2,68									
FFB Wk50-18	168								68,88	-8,24									
FFB Wk51-18	168								70,25	-6,75									
FFB M Dec-18	744								62,75	-3,95									
FFB M Jan-19	744								75,88	-1,37									
FFB M Feb-19	672								75,40	-0,79									
FFB M Mar-19	743								56,62	-1,04									
FFB M Apr-19	720								52,71	-0,39									
FFB M May-19	744								45,79	-0,40									
FFB Q1-19	2159								69,10	-1,08									
FFB Q2-19	2184								47,83	-0,27									
FFB Q3-19	2208								48,05	-0,49									
FFB Q4-19	2209								62,29	-0,11									
FFB Q1-20	2183								62,43	-0,44									
FFB Q2-20	2184								42,31	-0,36									
FFB Q3-20	2208								42,51	-0,55									
FFB YR-19	8760								56,77	-0,49									
FFB YR-20	8784								50,22	-0,58									
FFB YR-21	8760								47,29	-0,43									
FFB YR-22	8760								47,26	-0,11									
FFB YR-23	8760								47,26	-0,11									

1.7 PVB-ES NG Physical Futures Contracts (FGE)

Instrument	Nominal Value	Futures (FGE)															
													Market Total (excl. OTC)				
		Auction		Trading Session			Closing Orders		Settlement				Buy+Sell			OTC	Open Interest
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.		
MWh/Day	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FGE D Th29Nov-18	1								26,570	-0,380							
FGE D Fr30Nov-18	1								26,500	0,000							
FGE D Sa01Dec-18	1								26,130	-0,630							
FGE D Su02Dec-18	1								26,130	-0,630							
FGE WE 01Dec-18	2								26,130	-0,020							
FGE WkDs49-18	5								26,130	-0,020							
FGE WE 08Dec-18	2								26,130	-0,630							
FGE WkDs50-18	5								26,130	-0,630							
FGE WE 15Dec-18	2								26,130	-0,630							
FGE WkDs51-18	5								26,130	-0,630							
FGE WE 22Dec-18	2								26,130	-0,630							
FGE BoM D+1 Calendar Day	2								26,535	n.a.							
FGE M Dec-18	31								26,130	-0,630							
FGE M Jan-19	31								27,300	-0,400							
FGE M Feb-19	28								26,537	-0,934							
FGE Q1-19	90								26,800	-0,750							200
FGE Q2-19	91								23,330	-0,070							100
FGE Q3-19	92								22,773	-0,528							
FGE Q4-19	92								25,333	-0,454							
FGE Sum-19	183								23,050	-0,300							
FGE Win-19	183								25,620	-0,330							
FGE Sum-20	183								21,225	-0,016							
FGE YR-19	365								24,550	-0,450							875
FGE YR-20	366								22,606	-0,136							625

1.8 MIBEL SPEL Base Load Financial Futures Options (OEB)

1.8.1 Month Futures Options

Instrument	Nominal Value	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	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C M Dec-18 64	744								0,00	n.a.							
OEB C M Dec-18 65	744								0,00	n.a.							
OEB C M Dec-18 66	744								0,00	n.a.							
OEB C M Dec-18 67	744								0,00	n.a.							
OEB C M Dec-18 68	744								0,00	n.a.							
OEB C M Dec-18 69	744								0,00	n.a.							
OEB C M Dec-18 70	744								0,00	n.a.							
OEB C M Dec-18 71	744								0,00	n.a.							
OEB C M Dec-18 72	744								0,00	n.a.							
OEB C M Dec-18 73	744								0,00	n.a.							
OEB C M Dec-18 74	744								0,00	n.a.							
OEB C M Dec-18 75	744								0,00	n.a.							
OEB C M Dec-18 76	744								0,00	n.a.							
OEB C M Dec-18 77	744								0,00	n.a.							
OEB C M Dec-18 78	744								0,00	n.a.							
OEB P M Dec-18 74	744								12,25	n.a.							
OEB P M Dec-18 73	744								11,25	n.a.							
OEB P M Dec-18 72	744								10,25	n.a.							
OEB P M Dec-18 71	744								9,25	n.a.							
OEB P M Dec-18 70	744								8,25	n.a.							
OEB P M Dec-18 69	744								7,25	n.a.							
OEB P M Dec-18 68	744								6,25	n.a.							
OEB P M Dec-18 67	744								5,25	n.a.							
OEB P M Dec-18 66	744								4,25	n.a.							
OEB P M Dec-18 65	744								3,25	n.a.							

OEB P M Dec-18 64	744	2,25	n.a.
OEB P M Dec-18 63	744	1,25	n.a.
OEB P M Dec-18 62	744	0,25	n.a.
OEB P M Dec-18 61	744	0,00	n.a.
OEB C M Jan-19 66	744	1,04	n.a.
OEB C M Jan-19 67	744	0,78	n.a.
OEB C M Jan-19 68	744	0,58	n.a.
OEB C M Jan-19 69	744	0,42	n.a.
OEB P M Jan-19 65	744	3,16	n.a.
OEB P M Jan-19 64	744	2,55	n.a.
OEB P M Jan-19 63	744	2,01	n.a.
OEB P M Jan-19 62	744	1,55	n.a.

1.8.2 Quarter Futures Options

		Futures Options (OEB)																	
Instrument	Nominal Value															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.	#cont.	
OEB C Q1-19 59	2159								2,70	n.a.									
OEB C Q1-19 60	2159								2,07	n.a.									
OEB C Q1-19 61	2159								1,54	n.a.									
OEB C Q1-19 62	2159								1,12	n.a.									
OEB C Q1-19 63	2159								0,78	n.a.									
OEB C Q1-19 64	2159								0,53	n.a.									
OEB C Q1-19 65	2159								0,35	n.a.									
OEB C Q1-19 66	2159								0,22	n.a.									
OEB C Q1-19 67	2159								0,14	n.a.									
OEB C Q1-19 68	2159								0,08	n.a.									
OEB C Q1-19 69	2159								0,05	n.a.									
OEB C Q1-19 70	2159								0,03	n.a.									
OEB C Q1-19 71	2159								0,01	n.a.									
OEB C Q1-19 72	2159								0,01	n.a.									
OEB P Q1-19 68	2159								7,18	n.a.									
OEB P Q1-19 67	2159								6,24	n.a.									
OEB P Q1-19 66	2159								5,32	n.a.									
OEB P Q1-19 65	2159								4,45	n.a.									
OEB P Q1-19 64	2159								3,63	n.a.									
OEB P Q1-19 63	2159								2,88	n.a.									
OEB P Q1-19 62	2159								2,22	n.a.									
OEB P Q1-19 61	2159								1,64	n.a.									
OEB P Q1-19 60	2159								1,17	n.a.									
OEB P Q1-19 59	2159								0,80	n.a.									
OEB P Q1-19 58	2159								0,52	n.a.									
OEB P Q1-19 57	2159								0,32	n.a.									
OEB P Q1-19 56	2159								0,18	n.a.									

OEB C Q2-19 54	2184	5,06	n.a.
OEB C Q2-19 55	2184	4,49	n.a.
OEB C Q2-19 56	2184	3,97	n.a.
OEB C Q2-19 57	2184	3,49	n.a.
OEB C Q2-19 58	2184	3,05	n.a.
OEB P Q2-19 55	2184	2,74	n.a.
OEB P Q2-19 54	2184	2,31	n.a.
OEB P Q2-19 53	2184	1,92	n.a.
OEB P Q2-19 52	2184	1,58	n.a.
OEB P Q2-19 51	2184	1,28	n.a.
OEB P Q2-19 50	2184	1,03	n.a.

1.8.3 Year Futures Options

		Futures Options (OEB)																	
Instrument	Nominal Value															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.	#cont.	
OEB C 4 YR-19 49	8760								12,05	n.a.									
OEB C 4 YR-19 50	8760								11,05	n.a.									
OEB C 4 YR-19 51	8760								10,05	n.a.									
OEB C 4 YR-19 52	8760								9,05	n.a.									
OEB C 4 YR-19 53	8760								8,05	n.a.									
OEB C 4 YR-19 54	8760								7,06	n.a.									
OEB C 4 YR-19 55	8760								6,07	n.a.									
OEB C 4 YR-19 56	8760								5,11	n.a.									
OEB C 4 YR-19 57	8760								4,18	n.a.									
OEB C 4 YR-19 58	8760								3,31	n.a.									
OEB C 4 YR-19 59	8760								2,52	n.a.									
OEB C 4 YR-19 60	8760								1,84	n.a.									
OEB C 4 YR-19 61	8760								1,28	n.a.									
OEB C 4 YR-19 62	8760								0,85	n.a.									
OEB C 4 YR-19 63	8760								0,53	n.a.									
OEB C 4 YR-19 64	8760								0,31	n.a.									
OEB C 4 YR-19 65	8760								0,18	n.a.									
OEB P 4 YR-19 61	8760								1,23	n.a.									
OEB P 4 YR-19 60	8760								0,79	n.a.									
OEB P 4 YR-19 59	8760								0,47	n.a.									
OEB P 4 YR-19 58	8760								0,26	n.a.									
OEB P 4 YR-19 57	8760								0,13	n.a.									
OEB P 4 YR-19 56	8760								0,06	n.a.									
OEB P 4 YR-19 55	8760								0,02	n.a.									
OEB P 4 YR-19 54	8760								0,01	n.a.									
OEB P 4 YR-19 53	8760								0,00	n.a.									
OEB P 4 YR-19 52	8760								0,00	n.a.									
OEB P 4 YR-19 51	8760								0,00	n.a.									
OEB P 4 YR-19 50	8760								0,00	n.a.									
OEB P 4 YR-19 49	8760								0,00	n.a.									
OEB P 4 YR-19 48	8760								0,00	n.a.									
OEB P 4 YR-19 47	8760								0,00	n.a.									
OEB P 4 YR-19 46	8760								0,00	n.a.									
OEB P 4 YR-19 45	8760								0,00	n.a.									

1.9 FTR Baseload (FTR)

Instrument	Nominal Value	Financial Transmission Rights (FTR)															
		Auction										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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTR E-P M Dec-18	744								0,00	n.a.							500
FTR P-E M Dec-18	744								0,00	n.a.							500
FTR E-P M Jan-19	744								0,00	n.a.							
FTR P-E M Jan-19	744								0,00	n.a.							
FTR E-P M Feb-19	672								0,00	n.a.							
FTR P-E M Feb-19	672								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) FRE Index
	Base	Peak	Base	Peak	Base	Peak	E-P	P-E	Solar	Base	Base
28-11-2018	62,46	67,67	62,46	67,67	0,00	0,00	0,00	0,00	66,51	52,99	62,24
29-11-2018	61,89	66,66	61,89	66,66	0,00	0,00	0,00	0,00	65,18	50,40	62,38

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						X
Antuko Energía S.L.	X						
Arraco Global Markets Ltd		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				
Clidom Energy S.L.	X						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	
Endesa Energía , S.A.	X						X
Enérgya VM Gestión de Energía S.L.U.	X						X
Enforresco S.A.	X						
Engie Global Markets	X		X				
Eni Trading & Shipping	X						X
Evergreen Eléctrica S.L.	X						
Factor Energía. S.A.	X					X	
Fenie Energía, S.A.	X						X
Foener Energía, S.L.	X						
Fortia Energía, S.L.	X					X	
Fortia Energía Servicios	X						
Freepoint Commodities Europe LLP	X						
Futura Energía Y Gas, SL							X
Galp Power S.A.	X						X
Galp Gas Natural S.A	X						X
Gas Natural Comercializadora, S.A.	X						X
Naturgy Energy Group	X					X	
Comercializadora Regulada, Gas & Power, S.A.	X					X	
GeoAtlanter, S.L.	X						
Gesternova, S.A.	X						
GFI Brokers Ltd.		X					
Gnera Energía y Tecnología, S.L	X						
Goldman Sachs International	X			X			

Griffin Markets Limited	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
Iberdrola Comercialización de Último Recurso S.A.U.	X						
Iberdrola Generación España, S.A.U	X		X				X
ICAP Energy. AS	X	X					
ICAP Energy Ltd	X	X					
Ingeniería y Comercialización del Gas S.A.	X						X
Jafplus Energia, Lda.	X						
J. Aron & Company						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						
Multienergía Verde, S.L.							X
Nexus Energía. S.A.	X					X	X
PH Energia, Lda.	X						
Red Eléctrica de España, S.A.U.	X		X				
REN - Rede Eléctrica Nacional, S.A.	X		X				
Swap Energía, S.A.	X					X	X
Shell Energy Europe Limited	X						
Sociedad Bilbao Gas Hub, S.A.		X					
Spectron Energy Services Limited		X					
Switch Energy, S.L.	X						
Total Gas & Power Limited	X						X
Trafigura PTE Ltd.							X
TrailStone GmgH	X						

Tullett Prebon (Europe) Limited	X						
Tullett Prebon (Securities) Limited	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
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						
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	0,01
Call Auction Trading	0,0070	0,0070	0,0070	
Bilateral Transactions ** (between different owners)	0,0070	0,0050	0,0025	
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 Registro, 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 ⁽¹⁾	12 000	12 000
Trading Member 2 ⁽²⁾	12 000 ⁽³⁾	1 000 per account ⁽⁴⁾
Trading Member Light	1600	1600
Broker OTC	0	2 000

Unit: Euro

⁽¹⁾ For Own Account and Third Parties Account

⁽²⁾ For Third Parties Account

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

⁽⁴⁾ 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

	Venue Product Code		Instrument Code	New & Illiquid	Spot Month			Other Months			Description
	Limit Group	Unit		New & Illiquid Art 15 1.a)	Deliverable Supply	Spot Month Limit Factor	Spot Month Applicable Limit	Limit Group Total Open Interest (2 sides)	Other Months Factor	Other Months Applicable Limit	
Power	SPEL Base	MWh	FTB / FWB / SWB	FALSE	80.089.930	0,25	20.022.483	17.679.933	0,35	6.187.977	Spain Base Load
	SPEL Peak	MWh	FTK	TRUE	n.a.	n.a.	900.000	n.a.	n.a.	900.000	Spain Peak Load
	PTEL Base	MWh	FPB / SPB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Portugal Base Load
	SPEL Solar	MWh	FTS	TRUE	n.a.	n.a.	593.250	n.a.	n.a.	593.250	Spain Solar Load
	DEEL Base	MWh	FDB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Phelix Base Load
	FREL Base	MWh	FFB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	France Base Load
	IFTR E-P Base	MWh	FTR E-P	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights E-P
	IFTR P-E Base	MWh	FTR P-E	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights P-E
NG	PVB-ES	MWh	FGE	TRUE	n.a.	n.a.	9.000.000	n.a.	n.a.	9.000.000	Spanish Virtual Balancing Point (PVB-ES)

5.3. Volume Limits per Order (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
FTB M+1	Endesa Generación, S.A.U.
FTB M+2	
FTB Q+1	Axpo Iberia, S.L.
FTB Q+2	
FTB Y+1	
FTB Y+2	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.

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..."

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..."