

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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.
FTB D Tu20Nov-18	24								63,79	-4,17											
FTB D We21Nov-18	24								66,79	-1,32											
FTB D Th22Nov-18	24								66,87	-1,32											
FTB D Fr23Nov-18	24								66,06	-1,32											
FTB D Sa24Nov-18	24								63,50	0,92											
FTB D Su25Nov-18	24								56,50	0,92											
FTB WE 24Nov-18	48						56,00		60,00	0,92											
FTB Wk48-18	168						61,00	64,00	63,00	-3,50											
FTB Wk49-18	168							68,00	63,25	-3,60											
FTB Wk50-18	168								63,00	n.a.											
FTB M Dec-18	744		63,20	63,20	63,00	63,00	62,60	64,00	63,00	-3,60		4	2976	8			1151				
FTB M Jan-19	744						61,50	63,90	62,70	-2,65							30				
FTB M Feb-19	672								62,50	-0,15											
FTB M Mar-19	743								57,94	-1,57											
FTB M Apr-19	720								48,06	-1,28											
FTB M May-19	744								57,45	-1,53											
FTB Q1-19	2159		60,50	60,50	60,50	60,50	60,80		61,00	-1,50		2	4318	4		10	153				
FTB Q2-19	2184						55,00	57,25	56,25	-1,50							21				
FTB Q3-19	2208								63,79	0,18											
FTB Q4-19	2209							63,75	63,50	-0,61											
FTB Q1-20	2183								53,77	-1,17											
FTB Q2-20	2184								49,58	-1,18											
FTB Q3-20	2208								56,23	0,31											
FTB YR-19	8760						61,00	62,00	61,15	-0,85						10	404				
FTB YR-20	8784			53,90	53,90	53,90	53,70	53,95	53,90	-0,60		2	17568	4		3	103				
FTB YR-21	8760								51,50	0,00							20				
FTB YR-22	8760								49,20	0,00							1				
FTB YR-23	8760								47,60	0,00							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)											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.
FTK D Tu20Nov-18	12								66,07	-6,27							
FTK D We21Nov-18	12								69,50	-2,61							
FTK D Th22Nov-18	12								69,58	-1,96							
FTK D Fr23Nov-18	12								68,77	-3,06							
FTK Wk48-18	60								69,60	-3,86							
FTK Wk49-18	60								70,50	-4,01							
FTK Wk50-18	60								70,22	n.a.							
FTK M Dec-18	252								70,22	-4,01							
FTK M Jan-19	276								69,57	-2,94							
FTK M Feb-19	240								69,38	-0,17							
FTK M Mar-19	252								64,42	-1,70							
FTK M Apr-19	264								51,90	-1,38							
FTK M May-19	276								60,90	-1,62							
FTK Q1-19	768								67,82	-1,67							
FTK Q2-19	780								59,63	-1,59							
FTK Q3-19	792								68,48	0,21							
FTK Q4-19	792								68,15	-0,66							
FTK Q1-20	780								58,04	-1,27							
FTK Q2-20	780								53,56	-1,27							
FTK Q3-20	792								60,73	0,33							
FTK YR-19	3132								66,03	-0,92							
FTK YR-20	3144								58,22	-0,65							
FTK YR-21	3132								55,62	0,00							
FTK YR-22	3120								53,13	0,00							
FTK YR-23	3120								51,41	0,00							

1.3 MIBEL PTEL Base Load (FPB)

Instrument	Nom. Value	Futures (FPB)																Instrument	Nom. Value	Mini Swaps (SPB)	
		Market Total (excl. OTC)														OTC	Open Interest				
		Auction		Trading Session		Closing Orders		Settlement ⁽¹⁾		Buy+Sell											
		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.	MWh	#cont.	#cont.	
FPB D Tu20Nov-18	24								63,79	-3,69								SPB D Tu13Nov-18	2,4		
FPB D We21Nov-18	24								66,79	-0,97								SPB D We14Nov-18	2,4		
FPB D Th22Nov-18	24								66,87	-1,07								SPB D Th15Nov-18	2,4		
FPB D Fr23Nov-18	24								66,06	-0,75								SPB D Fr16Nov-18	2,4		
FPB D Sa24Nov-18	24								63,50	1,09								SPB D Sa17Nov-18	2,4		
FPB D Su25Nov-18	24								56,50	-0,79								SPB D Su18Nov-18	2,4		
FPB WE 24Nov-18	48								60,00	0,15								SPB WE 17Nov-18	4,8		
FPB Wk48-18	168								62,69	-3,50								SPB Wk47-18	16,8		
FPB Wk49-18	168								62,40	-3,60								SPB Wk48-18	16,8		
FPB Wk50-18	168								62,15	n.a.								SPB Wk49-18	16,8		
FPB M Dec-18	744								62,15	-3,60						665		SPB M Dec-18	74,4		
FPB M Jan-19	744								61,38	-2,65								SPB M Jan-19	74,4		
FPB M Feb-19	672								61,25	-0,15								SPB M Feb-19	67,2		
FPB M Mar-19	743								56,76	-1,57								SPB M Mar-19	74,3		
FPB M Apr-19	720								48,40	-1,28								SPB M Apr-19	72,0		
FPB M May-19	744								57,79	-1,53								SPB M May-19	74,4		
FPB Q1-19	2159								59,75	-1,50						100		SPB Q1-19	215,9		
FPB Q2-19	2184								57,52	-1,50								SPB Q2-19	218,4		
FPB Q3-19	2208								63,14	0,20								SPB Q3-19	220,8		
FPB Q4-19	2209								63,25	-0,61								SPB Q4-19	220,9		
FPB Q1-20	2183								53,80	-1,17								SPB Q1-20	218,3		
FPB Q2-20	2184								49,61	-1,18								SPB Q2-20	218,4		
FPB Q3-20	2208								56,26	0,31								SPB Q3-20	220,8		
FPB YR-19	8760								60,93	-0,85						150		SPB YR-19	876,0		
FPB YR-20	8784								53,93	-0,60								SPB YR-20	878,4		
FPB YR-21	8760								51,53	0,00								SPB YR-21	876,0		
FPB YR-22	8760								49,23	0,00								SPB YR-22	876,0		
FPB YR-23	8760								47,63	0,00								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 Tu20Nov-18	2,72								65,82	-5,53							
FTS D We21Nov-18	2,72								69,48	-1,26							
FTS D Th22Nov-18	2,72								69,56	-1,00							
FTS D Fr23Nov-18	2,72								68,75	-1,68							
FTS D Sa24Nov-18	2,72								64,09	0,92							
FTS D Su25Nov-18	2,72								56,42	0,92							
FTS WE 24Nov-18	5,44								60,26	0,92							
FTS Wk48-18	18,3								65,12	-3,62							
FTS Wk49-18	16,45								65,38	-3,72							
FTS Wk50-18	16,45								65,12	n.a.							
FTS M Dec-18	72,85								65,12	-3,72							
FTS M Jan-19	82,46								64,80	-2,74							
FTS M Feb-19	108,36								63,79	-0,15							
FTS M Mar-19	143,53								59,55	-1,88							
FTS M Apr-19	169,5								49,02	-1,30							
FTS M May-19	213,9								58,59	-1,56							
FTS Q1-19	334,35								62,22	-1,53							
FTS Q2-19	602,4								57,45	-1,53							
FTS Q3-19	619,19								65,77	0,02							
FTS Q4-19	277,52								65,64	-0,63							
FTS Q1-20	334,35								54,59	-1,19							
FTS Q2-20	602,4								50,32	-1,20							
FTS Q3-20	619,19								57,08	0,31							
FTS YR-19	1833,46								62,37	-0,87							
FTS YR-20	1837,33								54,72	-0,61							
FTS YR-21	1833,46								52,02	0,00							
FTS YR-22	1833,46								49,44	0,00							
FTS YR-23	1833,46								47,60	0,00							

1.5 German DEEL Base Load (FDB)

		Futures (FDB)																	
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	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.			#cont.
FDB D Tu20Nov-18	24								46,65	-9,97									
FDB D We21Nov-18	24								59,75	-5,87									
FDB D Th22Nov-18	24								68,80	-9,98									
FDB D Fr23Nov-18	24								75,90	-0,88									
FDB D Sa24Nov-18	24								57,68	1,29									
FDB D Su25Nov-18	24								53,02	-6,03									
FDB WE 24Nov-18	48								55,35	-2,37									
FDB Wk48-18	168								61,25	-10,85									
FDB Wk49-18	168								58,65	-11,18									
FDB Wk50-18	168								60,40	n.a.									
FDB M Dec-18	744								52,83	-6,12									
FDB M Jan-19	744								60,38	-4,04									
FDB M Feb-19	672								59,71	-3,27									
FDB M Mar-19	743								48,55	-2,93									
FDB M Apr-19	720								48,29	-1,37									
FDB M May-19	744								43,63	-1,22									
FDB Q1-19	2159								56,10	-3,42									
FDB Q2-19	2184								46,25	-1,35									
FDB Q3-19	2208								47,16	-1,15									
FDB Q4-19	2209								52,13	-0,84									
FDB Q1-20	2183								54,29	-0,95									
FDB Q2-20	2184								42,77	-1,18									
FDB Q3-20	2208								43,36	-1,19									
FDB YR-19	8760								50,39	-1,68									
FDB YR-20	8784								47,31	-1,27									
FDB YR-21	8760								46,10	-1,11									
FDB YR-22	8760								47,35	-0,95									
FDB YR-23	8760								48,05	-0,95									

1.6 French FREL Base Load (FFB)

Instrument	Nominal Value	Futures (FFB)											Market Total (excl. OTC)				
		Auction	Trading Session			Closing Orders		Settlement	Price	Change	Auction	Continuous	Energy	Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask						Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FFB D Tu20Nov-18	24								95,19	10,69							
FFB D We21Nov-18	24								117,00	5,11							
FFB D Th22Nov-18	24								95,00	-17,07							
FFB D Fr23Nov-18	24								85,00	-22,76							
FFB D Sa24Nov-18	24								70,36	-16,82							
FFB D Su25Nov-18	24								57,64	-13,77							
FFB WE 24Nov-18	48								64,00	-15,30							
FFB Wk48-18	168								72,91	-27,67							
FFB Wk49-18	168								73,88	-21,40							
FFB Wk50-18	168								75,88	n.a.							
FFB M Dec-18	744								69,13	-12,30							
FFB M Jan-19	744								75,50	-7,13							
FFB M Feb-19	672								72,60	-6,74							
FFB M Mar-19	743								57,70	-2,60							
FFB M Apr-19	720								52,53	-1,91							
FFB M May-19	744								44,03	-1,60							
FFB Q1-19	2159								68,47	-5,45							
FFB Q2-19	2184								46,50	-1,60							
FFB Q3-19	2208								46,97	-1,29							
FFB Q4-19	2209								59,86	-1,23							
FFB Q1-20	2183								62,34	-0,85							
FFB Q2-20	2184								42,28	-0,73							
FFB Q3-20	2208								42,71	-0,44							
FFB YR-19	8760								55,40	-2,38							
FFB YR-20	8784								50,37	-1,29							
FFB YR-21	8760								48,30	-0,97							
FFB YR-22	8760								49,22	-0,88							
FFB YR-23	8760								49,22	-0,88							

1.7 PVB-ES NG Physical Futures Contracts (FGE)

		Futures (FGE)																
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/Day	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FGE D Tu20Nov-18	1								26,590	-0,922								
FGE D We21Nov-18	1								27,130	-0,382								
FGE D Th22Nov-18	1								26,420	-1,092								
FGE D Fr23Nov-18	1								26,420	-1,092								
FGE D Sa24Nov-18	1								26,420	-1,092								
FGE D Su25Nov-18	1								26,420	-1,092								
FGE WE 24Nov-18	2								26,420	-1,092								
FGE WkDs48-18	5								26,420	-1,092								
FGE WE 01Dec-18	2								26,430	-1,640								
FGE WkDs49-18	5								26,430	-1,640								
FGE WE 08Dec-18	2								26,430	-1,640								
FGE WkDs50-18	5								26,430	n.a.								
FGE WE 15Dec-18	2								26,430	n.a.								
FGE BoM D+1 Calendar Day	11								26,500	n.a.								
FGE M Dec-18	31								26,430	-1,640								
FGE M Jan-19	31								26,980	-1,920								
FGE M Feb-19	28								26,477	-2,693								
FGE Q1-19	90								26,650	-2,450							200	
FGE Q2-19	91								23,460	-0,620							100	
FGE Q3-19	92								22,644	-1,277								
FGE Q4-19	92								25,480	-0,672								
FGE Sum-19	183								23,050	-0,950								
FGE Win-19	183								26,010	-1,020								
FGE Sum-20	183								21,364	-0,348								
FGE YR-19	365								24,550	-1,250							875	
FGE YR-20	366								22,754	-0,586							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								0,95	n.a.								
OEB C M Dec-18 65	744								0,62	n.a.								
OEB C M Dec-18 66	744								0,39	n.a.								
OEB C M Dec-18 67	744								0,23	n.a.								
OEB C M Dec-18 68	744								0,13	n.a.								
OEB C M Dec-18 69	744								0,07	n.a.								
OEB C M Dec-18 70	744								0,04	n.a.								
OEB C M Dec-18 71	744								0,02	n.a.								
OEB C M Dec-18 72	744								0,01	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								11,00	n.a.								
OEB P M Dec-18 73	744								10,01	n.a.								
OEB P M Dec-18 72	744								9,01	n.a.								
OEB P M Dec-18 71	744								8,02	n.a.								
OEB P M Dec-18 70	744								7,04	n.a.								
OEB P M Dec-18 69	744								6,07	n.a.								
OEB P M Dec-18 68	744								5,13	n.a.								
OEB P M Dec-18 67	744								4,23	n.a.								
OEB P M Dec-18 66	744								3,39	n.a.								
OEB P M Dec-18 65	744								2,62	n.a.								

OEB P M Dec-18 64	744	1,95	n.a.
OEB P M Dec-18 63	744	1,38	n.a.
OEB P M Dec-18 62	744	0,93	n.a.
OEB P M Dec-18 61	744	0,58	n.a.
OEB C M Jan-19 66	744	1,25	n.a.
OEB C M Jan-19 67	744	0,99	n.a.
OEB C M Jan-19 68	744	0,77	n.a.
OEB C M Jan-19 69	744	0,60	n.a.
OEB P M Jan-19 65	744	3,86	n.a.
OEB P M Jan-19 64	744	3,23	n.a.
OEB P M Jan-19 63	744	2,66	n.a.
OEB P M Jan-19 62	744	2,16	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.
OEB C Q1-19 59	2159								3,06	n.a.							
OEB C Q1-19 60	2159								2,45	n.a.							
OEB C Q1-19 61	2159								1,92	n.a.							
OEB C Q1-19 62	2159								1,48	n.a.							
OEB C Q1-19 63	2159								1,11	n.a.							
OEB C Q1-19 64	2159								0,82	n.a.							
OEB C Q1-19 65	2159								0,59	n.a.							
OEB C Q1-19 66	2159								0,42	n.a.							
OEB C Q1-19 67	2159								0,29	n.a.							
OEB C Q1-19 68	2159								0,20	n.a.							
OEB C Q1-19 69	2159								0,13	n.a.							
OEB C Q1-19 70	2159								0,08	n.a.							
OEB C Q1-19 71	2159								0,05	n.a.							
OEB C Q1-19 72	2159								0,03	n.a.							
OEB P Q1-19 68	2159								7,20	n.a.							
OEB P Q1-19 67	2159								6,29	n.a.							
OEB P Q1-19 66	2159								5,42	n.a.							
OEB P Q1-19 65	2159								4,59	n.a.							
OEB P Q1-19 64	2159								3,82	n.a.							
OEB P Q1-19 63	2159								3,11	n.a.							
OEB P Q1-19 62	2159								2,48	n.a.							
OEB P Q1-19 61	2159								1,92	n.a.							
OEB P Q1-19 60	2159								1,45	n.a.							
OEB P Q1-19 59	2159								1,05	n.a.							
OEB P Q1-19 58	2159								0,74	n.a.							
OEB P Q1-19 57	2159								0,50	n.a.							
OEB P Q1-19 56	2159								0,33	n.a.							

OEB C Q2-19 54	2184	4,87	n.a.
OEB C Q2-19 55	2184	4,32	n.a.
OEB C Q2-19 56	2184	3,82	n.a.
OEB C Q2-19 57	2184	3,37	n.a.
OEB C Q2-19 58	2184	2,95	n.a.
OEB P Q2-19 55	2184	3,07	n.a.
OEB P Q2-19 54	2184	2,62	n.a.
OEB P Q2-19 53	2184	2,20	n.a.
OEB P Q2-19 52	2184	1,83	n.a.
OEB P Q2-19 51	2184	1,51	n.a.
OEB P Q2-19 50	2184	1,22	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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
OEB C 4 YR-19 49	8760								12,15	n.a.								
OEB C 4 YR-19 50	8760								11,15	n.a.								
OEB C 4 YR-19 51	8760								10,15	n.a.								
OEB C 4 YR-19 52	8760								9,16	n.a.								
OEB C 4 YR-19 53	8760								8,17	n.a.								
OEB C 4 YR-19 54	8760								7,18	n.a.								
OEB C 4 YR-19 55	8760								6,22	n.a.								
OEB C 4 YR-19 56	8760								5,28	n.a.								
OEB C 4 YR-19 57	8760								4,39	n.a.								
OEB C 4 YR-19 58	8760								3,55	n.a.								
OEB C 4 YR-19 59	8760								2,80	n.a.								
OEB C 4 YR-19 60	8760								2,14	n.a.								
OEB C 4 YR-19 61	8760								1,59	n.a.								
OEB C 4 YR-19 62	8760								1,14	n.a.								
OEB C 4 YR-19 63	8760								0,78	n.a.								
OEB C 4 YR-19 64	8760								0,52	n.a.								
OEB C 4 YR-19 65	8760								0,34	n.a.								
OEB P 4 YR-19 61	8760								1,44	n.a.								
OEB P 4 YR-19 60	8760								0,99	n.a.								
OEB P 4 YR-19 59	8760								0,65	n.a.								
OEB P 4 YR-19 58	8760								0,40	n.a.								
OEB P 4 YR-19 57	8760								0,24	n.a.								
OEB P 4 YR-19 56	8760								0,13	n.a.								
OEB P 4 YR-19 55	8760								0,06	n.a.								
OEB P 4 YR-19 54	8760								0,03	n.a.								
OEB P 4 YR-19 53	8760								0,01	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		Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)						
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Buy+Sell			
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	Open Interest #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
17-11-2018	61,07	68,94	61,07	68,94	0,00	0,00	0,00	0,00	61,65	48,21	60,27
18-11-2018	57,43		57,35		0,08	0,00	0,00	0,08	57,88	47,60	56,91
19-11-2018	68,49	71,63	68,49	71,63	0,00	0,00	0,00	0,00	71,83	48,22	74,31
20-11-2018	63,79	66,07	63,79	66,07	0,00	0,00	0,00	0,00	65,82	46,65	95,19

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 Energia 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 Energia. 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 Gás Natural S.A	X						X
Gas Natural Comercializadora, S.A.	X						X
Gas Natural SDG. S.A.	X					X	
Gas Natural S U R SDG. S.A.	X					X	
GeoAtlante, 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 Energía, 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 Energía, 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..."