

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)			Buy+Sell					OTC	Open Interest	OTC	Open Interest
		Eq. €/MWh	Open €/MWh	High €/MWh	Low €/MWh	Last €/MWh	Bid €/MWh	Ask €/MWh	Price €/MWh	Change €/MWh	Auction #cont.	Continuous #cont.	Energy MWh	Fin. #cont.	Phys. #cont.	OTC #cont.				
FTB D Tu05Feb-19	24								60,41	-1,04										
FTB D We06Feb-19	24								60,75	-0,83										
FTB D Th07Feb-19	24								60,50	-1,16										
FTB D Fr08Feb-19	24								59,50	-1,43										
FTB D Sa09Feb-19	24								53,92	-2,67										
FTB D Su10Feb-19	24								47,58	-2,67										
FTB WE 09Feb-19	48								50,75	-2,67										
FTB Wk07-19	168							62,00	56,85	-1,90										
FTB Wk08-19	168							62,00	57,00	-1,00										
FTB Wk09-19	168							59,50	56,50	n.a.										
FTB M Mar-19	743						51,15	52,35	52,00	-0,10						2		737		
FTB M Apr-19	720		50,50	50,65	50,50	50,65	50,60	51,25	51,00	-0,49	15	10800	30				55			
FTB M May-19	744								55,49	-0,01										
FTB M Jun-19	720								58,80	0,05								5		
FTB M Jul-19	744								58,04	-0,10										
FTB M Aug-19	744								57,60	-0,10										
FTB Q2-19	2184		54,90	54,90	54,90	54,90	54,40	55,40	55,10	-0,15	1	2184	2				623			
FTB Q3-19	2208						58,10	59,10	58,70	-0,10					1		628			
FTB Q4-19	2209		62,00	62,00	62,00	62,00			62,13	-0,27	3	6627	6				520			
FTB Q1-20	2183								60,52	0,22										
FTB Q2-20	2184								50,65	0,18										
FTB Q3-20	2208								55,39	0,20										
FTB Q4-20	2209								55,64	0,20										
FTB YR-20	8784						55,30	56,00	55,55	0,20					5		208			
FTB YR-21	8760						51,60	52,20	51,83	0,38							32			
FTB YR-22	8760								49,75	0,50							2			
FTB YR-23	8760								48,50	0,33							1			
FTB YR-24	8784								47,53	0,33										
FTB YR-25	8760								46,24	0,33										
FTB YR-26	8760								46,24	0,33										

- <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			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.
FTK D Tu05Feb-19	12								62,86	-2,85							
FTK D We06Feb-19	12								64,92	-0,59							
FTK D Th07Feb-19	12								64,67	-0,33							
FTK D Fr08Feb-19	12								63,67	-1,59							
FTK Wk07-19	60								63,10	-2,11							
FTK Wk08-19	60								63,27	-1,11							
FTK Wk09-19	60								62,73	n.a.							
FTK M Mar-19	252								57,80	-0,11							
FTK M Apr-19	264								54,96	-0,53							
FTK M May-19	276								58,55	0,01							
FTK M Jun-19	240								62,11	0,05							
FTK M Jul-19	276								62,33	-0,11							
FTK M Aug-19	264								61,83	-0,11							
FTK Q2-19	780								58,43	-0,16							
FTK Q3-19	792								63,01	-0,11							
FTK Q4-19	792								66,67	-0,29							
FTK Q1-20	780								65,39	0,25							
FTK Q2-20	780								54,76	0,20							
FTK Q3-20	792								59,85	0,22							
FTK Q4-20	792								60,12	0,22							
FTK YR-20	3144								60,03	0,22							
FTK YR-21	3132								55,91	0,41							
FTK YR-22	3120								53,73	0,54							
FTK YR-23	3120								52,38	0,36							
FTK YR-24	3144								51,33	0,36							
FTK YR-25	3120								49,93	0,35							
FTK YR-26	3120								49,93	0,35							

**1.3 MIBEL PTEL Base Load (FPB)**

Instrument	Nom. Value	Futures (FPB)											Market Total (excl. OTC)					Mini Swaps (SPB)													
		Auction		Trading Session			Closing Orders		Settlement (1)		Auction		Conti.		Energy		Fin.		Phys.		OTC		Open Interest	Instrument	Nom. Value	OTC	Open Interest				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Conti.	Energy	Fin.	Phys.	OTC	Open Interest	Eq.	Open	High	Low	Last						Bid	Ask	Price	Change
FPB D Tu05Feb-19	24								61,66	0,19													SPB D Tu05Feb-19	2,4							
FPB D We06Feb-19	24								62,51	0,79													SPB D We06Feb-19	2,4							
FPB D Th07Feb-19	24								62,26	0,37													SPB D Th07Feb-19	2,4							
FPB D Fr08Feb-19	24								61,26	0,40													SPB D Fr08Feb-19	2,4							
FPB D Sa09Feb-19	24								55,68	-1,17													SPB D Sa09Feb-19	2,4							
FPB D Su10Feb-19	24								49,34	-2,85													SPB D Su10Feb-19	2,4							
FPB WE 09Feb-19	48								52,51	-2,01													SPB WE 09Feb-19	4,8							
FPB Wk07-19	168								57,20	-1,90													SPB Wk07-19	16,8							
FPB Wk08-19	168								57,35	-1,00													SPB Wk08-19	16,8							
FPB Wk09-19	168								56,54	n.a.													SPB Wk09-19	16,8							
FPB M Mar-19	743								51,63	-0,10											650		SPB M Mar-19	67,2							
FPB M Apr-19	720								50,70	-0,49													SPB M Apr-19	74,3							
FPB M May-19	744								55,14	-0,01													SPB M May-19	72,0							
FPB M Jun-19	720								58,40	0,05													SPB M Jun-19	74,4							
FPB M Jul-19	744								58,15	-0,10													SPB M Jul-19	72,0							
FPB M Aug-19	744								57,71	-0,10													SPB M Aug-19	74,4							
FPB Q2-19	2184								54,75	-0,15											450		SPB Q2-19	218,4							
FPB Q3-19	2208								58,81	-0,10											250		SPB Q3-19	220,8							
FPB Q4-19	2209								62,24	-0,27											250		SPB Q4-19	220,9							
FPB Q1-20	2183								60,55	0,22													SPB Q1-20	218,3							
FPB Q2-20	2184								50,68	0,18													SPB Q2-20	218,4							
FPB Q3-20	2208								55,42	0,20													SPB Q3-20	220,8							
FPB Q4-20	2209								55,67	0,20													SPB Q4-20	220,9							
FPB YR-20	8784								55,58	0,20													SPB YR-20	878,4							
FPB YR-21	8760								51,86	0,38													SPB YR-21	876,0							
FPB YR-22	8760								49,78	0,50													SPB YR-22	876,0							
FPB YR-23	8760								48,53	0,33													SPB YR-23	876,0							
FPB YR-24	8784								47,56	0,33													SPB YR-24	878,4							
FPB YR-25	8760								46,27	0,33													SPB YR-25	876,0							
FPB YR-26	8760								46,27	0,33													SPB YR-26	876,0							

- <sup>(1)</sup> *Settlement Prices for Mini PTEL Base Load Swap (FPB) are identical to PTEL Base Load Futures (FTB) 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 MWh	Futures (FTS)										Market Total (excl. OTC)				
		Auction		Trading Session			Closing Orders		Settlement			Auction		Buy+Sell		
		Eq. €/MWh	Open €/MWh	High €/MWh	Low €/MWh	Last €/MWh	Bid €/MWh	Ask €/MWh	Price €/MWh	Change €/MWh	Auction #cont.	Continuous #cont.	Energy MWh	Fin. #cont.	Phys. #cont.	OTC #cont.
FTS D Tu05Feb-19	3,87							61,53	-2,16							
FTS D We06Feb-19	3,87							63,84	0,69							
FTS D Th07Feb-19	3,87							63,59	0,61							
FTS D Fr08Feb-19	3,87							62,59	-0,28							
FTS D Sa09Feb-19	3,87							53,72	-2,67							
FTS D Su10Feb-19	3,87							46,87	-2,67							
FTS WE 09Feb-19	7,74							50,30	-2,67							
FTS Wk07-19	27,09							58,00	-1,94							
FTS Wk08-19	27,09							58,16	-1,02							
FTS Wk09-19	29,37							57,88	n.a.							
FTS M Mar-19	143,53							53,55	-0,10							
FTS M Apr-19	169,5							51,94	-0,50							
FTS M May-19	213,9							57,03	-0,10							
FTS M Jun-19	219							58,91	0,05							
FTS M Jul-19	245,21							60,05	-0,10							
FTS M Aug-19	210,18							59,60	-0,10							
FTS Q2-19	602,4							56,28	-0,16							
FTS Q3-19	619,19							60,74	-0,10							
FTS Q4-19	277,52							63,37	-0,27							
FTS Q1-20	338,22							61,46	0,22							
FTS Q2-20	602,4							52,31	0,19							
FTS Q3-20	619,19							57,18	0,21							
FTS Q4-20	277,52							57,43	0,21							
FTS YR-20	1837,33							56,41	0,21							
FTS YR-21	1833,46							52,33	0,38							
FTS YR-22	1833,46							49,99	0,50							
FTS YR-23	1833,46							48,50	0,33							
FTS YR-24	1837,33							47,53	0,33							
FTS YR-25	1833,46							46,24	0,33							
FTS YR-26	1833,46							46,24	0,33							

1.5 German DEEL Base Load (FDB)

Instrument	Nominal Value €/MWh	Futures (FDB)										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.
FDB D Tu05Feb-19	24								53,79	-2,28							
FDB D We06Feb-19	24								53,35	-2,57							
FDB D Th07Feb-19	24								45,90	-10,97							
FDB D Fr08Feb-19	24								42,35	-13,09							
FDB D Sa09Feb-19	24								22,34	-20,98							
FDB D Su10Feb-19	24								17,66	-23,58							
FDB WE 09Feb-19	48								20,00	-22,28							
FDB Wk07-19	168								48,25	-2,87							
FDB Wk08-19	168								49,53	-2,56							
FDB Wk09-19	168								48,60	n.a.							
FDB M Mar-19	743								45,63	-1,43							
FDB M Apr-19	720								44,44	-1,40							
FDB M May-19	744								43,71	-0,55							
FDB M Jun-19	720								45,67	-1,47							
FDB M Jul-19	744								47,29	-1,14							
FDB M Aug-19	744								45,77	-0,86							
FDB Q2-19	2184								44,60	-1,13							
FDB Q3-19	2208								47,63	-1,03							
FDB Q4-19	2209								52,58	-0,90							
FDB Q1-20	2183								52,90	-1,00							
FDB Q2-20	2184								43,08	-0,79							
FDB Q3-20	2208								43,97	-0,96							
FDB Q4-20	2209								51,02	-0,92							
FDB YR-20	8784								47,74	-0,92							
FDB YR-21	8760								46,09	-0,35							
FDB YR-22	8760								47,25	-0,45							
FDB YR-23	8760								49,10	-0,25							
FDB YR-24	8784								49,80	-0,25							
FDB YR-25	8760								50,55	-0,25							
FDB YR-26	8760								50,55	-0,25							

1.6 French FREL Base Load (FFB)

Instrument	Nominal Value	Futures (FFB)										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.
FFB D Tu05Feb-19	24								58,36	1,83							
FFB D We06Feb-19	24								54,26	-1,96							
FFB D Th07Feb-19	24								55,74	-0,57							
FFB D Fr08Feb-19	24								53,57	-0,57							
FFB D Sa09Feb-19	24								34,89	-13,12							
FFB D Su10Feb-19	24								34,87	-13,12							
FFB WE 09Feb-19	48								34,88	-13,12							
FFB Wk07-19	168								51,81	-3,72							
FFB Wk08-19	168								54,27	-1,86							
FFB Wk09-19	168								53,38	n.a.							
FFB M Mar-19	743								49,08	-1,14							
FFB M Apr-19	720								45,95	-1,28							
FFB M May-19	744								43,28	-0,57							
FFB M Jun-19	720								44,82	-1,20							
FFB M Jul-19	744								47,29	-0,82							
FFB M Aug-19	744								44,53	-0,78							
FFB Q2-19	2184								44,67	-1,01							
FFB Q3-19	2208								47,94	-0,88							
FFB Q4-19	2209								61,29	-0,41							
FFB Q1-20	2183								61,05	-0,77							
FFB Q2-20	2184								42,40	-4,09							
FFB Q3-20	2208								43,14	-0,73							
FFB Q4-20	2209								55,88	1,92							
FFB YR-20	8784								50,61	-0,91							
FFB YR-21	8760								47,48	-0,45							
FFB YR-22	8760								47,55	-0,49							
FFB YR-23	8760								49,40	-0,29							
FFB YR-24	8784								50,10	-0,29							
FFB YR-25	8760								50,85	-0,29							
FFB YR-26	8760								50,85	-0,29							



## 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 Tu05Feb-19	1								23,520	0,720								
FGE D We06Feb-19	1								23,200	0,400								
FGE D Th07Feb-19	1								24,060	1,260								
FGE D Fr08Feb-19	1								24,060	1,260								
FGE D Sa09Feb-19	1								24,060	1,260								
FGE D Su10Feb-19	1								24,060	1,260								
FGE WE 09Feb-19	2								24,060	1,260								
FGE WkDs07-19	5								19,991	-1,080								
FGE WE 16Feb-19	2								19,991	-1,080								
FGE WkDs08-19	5								19,991	-1,080								
FGE WE 23Feb-19	2								19,991	-1,080								
FGE WkDs09-19	5								20,175	n.a.								
FGE WE 02Mar-19	2								20,910	n.a.								
FGE BoM D+1 Calendar Day	24								20,950	n.a.								
FGE M Mar-19	31								20,910	-0,520								1075
FGE M Apr-19	30								20,050	-0,200								
FGE M May-19	31								19,850	-0,030								
FGE Q2-19	91								19,750	-0,200								975
FGE Q3-19	92								19,551	-0,896								875
FGE Q4-19	92								22,775	0,161								1125
FGE Q1-20	91								23,207	-0,304								
FGE Sum-19	183								19,650	-0,550								
FGE Win-19	183								22,990	-0,070								
FGE Sum-20	183								20,530	-0,070								
FGE YR-20	366								21,680	-0,050								625
FGE YR-21	365								20,830	-0,140								

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)					
		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 Mar-19 53	743								1,34	n.a.							
OEB C M Mar-19 54	743								0,99	n.a.							
OEB C M Mar-19 55	743								0,71	n.a.							
OEB C M Mar-19 56	743								0,50	n.a.							
OEB C M Mar-19 57	743								0,34	n.a.							
OEB C M Mar-19 58	743								0,23	n.a.							
OEB C M Mar-19 59	743								0,15	n.a.							
OEB C M Mar-19 60	743								0,09	n.a.							
OEB C M Mar-19 61	743								0,06	n.a.							
OEB P M Mar-19 57	743								5,34	n.a.							
OEB P M Mar-19 56	743								4,50	n.a.							
OEB P M Mar-19 55	743								3,71	n.a.							
OEB P M Mar-19 54	743								2,99	n.a.							
OEB P M Mar-19 53	743								2,34	n.a.							
OEB P M Mar-19 52	743								1,78	n.a.							
OEB P M Mar-19 51	743								1,31	n.a.							
OEB P M Mar-19 50	743								0,92	n.a.							
OEB C M Apr-19 52	720								1,91	n.a.							
OEB C M Apr-19 53	720								1,53	n.a.							
OEB C M Apr-19 54	720								1,22	n.a.							
OEB C M Apr-19 55	720								0,95	n.a.							
OEB P M Apr-19 51	720								2,36	n.a.							
OEB P M Apr-19 50	720								1,87	n.a.							
OEB P M Apr-19 49	720								1,45	n.a.							
OEB P M Apr-19 48	720								1,09	n.a.							

1.8.2 Quarter 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.
OEB C Q2-19 54	2184								2,77	n.a.							
OEB C Q2-19 55	2184							2,25	n.a.								
OEB C Q2-19 56	2184							1,79	n.a.								
OEB C Q2-19 57	2184							1,41	n.a.								
OEB C Q2-19 58	2184							1,09	n.a.								
OEB C Q2-19 59	2184							0,84	n.a.								
OEB C Q2-19 60	2184							0,63	n.a.								
OEB C Q2-19 61	2184							0,47	n.a.								
OEB C Q2-19 62	2184							0,34	n.a.								
OEB P Q2-19 59	2184							4,74	n.a.								
OEB P Q2-19 58	2184							4,00	n.a.								
OEB P Q2-19 57	2184							3,31	n.a.								
OEB P Q2-19 56	2184							2,69	n.a.								
OEB P Q2-19 55	2184							2,15	n.a.								
OEB P Q2-19 54	2184							1,67	n.a.								
OEB P Q2-19 53	2184							1,27	n.a.								
OEB P Q2-19 52	2184							0,93	n.a.								
OEB P Q2-19 51	2184							0,67	n.a.								
OEB P Q2-19 50	2184							0,46	n.a.								
OEB C Q3-19 60	2208							3,36	n.a.								
OEB C Q3-19 61	2208							2,96	n.a.								
OEB C Q3-19 62	2208							2,60	n.a.								
OEB C Q3-19 63	2208							2,28	n.a.								
OEB C Q3-19 64	2208							1,99	n.a.								
OEB C Q3-19 65	2208							1,73	n.a.								
OEB P Q3-19 62	2208							5,90	n.a.								
OEB P Q3-19 61	2208							5,26	n.a.								

OEB P Q3-19 60	2208	4,66	n.a.
OEB P Q3-19 59	2208	4,09	n.a.
OEB P Q3-19 58	2208	3,57	n.a.
OEB P Q3-19 57	2208	3,08	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-20 56	8784							4,33	n.a.									
OEB C 4 YR-20 57	8784							3,90	n.a.									
OEB C 4 YR-20 58	8784							3,51	n.a.									
OEB C 4 YR-20 59	8784							3,15	n.a.									
OEB C 4 YR-20 60	8784							2,82	n.a.									
OEB P 4 YR-20 56	8784							4,78	n.a.									
OEB P 4 YR-20 55	8784							4,24	n.a.									
OEB P 4 YR-20 54	8784							3,74	n.a.									
OEB P 4 YR-20 53	8784							3,27	n.a.									
OEB P 4 YR-20 52	8784							2,84	n.a.									
OEB P 4 YR-20 51	8784							2,44	n.a.									
OEB P 4 YR-20 50	8784							2,08	n.a.									

1.9 FTR Baseload (FTR)

Instrument	Nominal Value	Financial Transmission Rights (FTR)											Market Total (excl. OTC)				
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			Open Interest
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	
FTR E-P M Mar-19	672								0,00	n.a.							
FTR P-E M Mar-19	672							0,00	n.a.								
FTR E-P M Apr-19	720							0,00	n.a.								
FTR P-E M Apr-19	720							0,00	n.a.								
FTR E-P M May-19	744							0,00	n.a.								
FTR P-E M May-19	744							0,00	n.a.								
FTR E-P Q2-19	2184							0,00	n.a.								
FTR P-E Q2-19	2184							0,00	n.a.								
FTR E-P Q3-19	2208							0,00	n.a.								
FTR P-E Q3-19	2208							0,00	n.a.								
FTR E-P Q4-19	2209							0,00	n.a.								
FTR P-E Q4-19	2209							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	E-P	P-E	Solar	Base	Base
02-02-2019	38,46		37,96		0,50	0,00	0,00	0,50	38,81	50,19	50,21
03-02-2019	49,27		48,40		0,87	0,00	0,00	0,87	47,76	46,72	47,78
04-02-2019	61,22	64,94	58,95	64,83	2,27	0,11	0,00	2,27	64,00	44,05	57,23
05-02-2019	61,66	64,78	60,41	62,86	1,25	1,92	0,00	1,25	61,53	53,79	58,36

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
Enforcesco 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
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						
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	OMP		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	
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 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 <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

Since January 15<sup>th</sup> 2019:

Venue Product Code		Instrument Code	New & Illiquid		Spot Month			Other Months			Description
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	<b>FTB / FWB / SWB</b>	FALSE	n.a.	80.089.930	0,25	<b>20.022.483</b>	15.475.284	0,35	<b>5.416.350</b>	<i>Spain Base Load</i>
SPEL Peak	MWh	<b>FTK</b>	TRUE	<b>900.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Spain Peak Load</i>
PTEL Base	MWh	<b>FPB / SPB</b>	TRUE	<b>1.800.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Portugal Base Load</i>
SPEL Solar	MWh	<b>FTS</b>	TRUE	<b>593.250</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Spain Solar Load</i>
DEEL Base	MWh	<b>FDB</b>	TRUE	<b>1.800.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Phelix Base Load</i>
FREL Base	MWh	<b>FFB</b>	TRUE	<b>1.800.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>France Base Load</i>
IFTR E-P Base	MWh	<b>FTR E-P</b>	TRUE	<b>1.800.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Interconnection: Financial Transmission Rights E-P</i>
IFTR P-E Base	MWh	<b>FTR P-E</b>	TRUE	<b>1.800.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Interconnection: Financial Transmission Rights P-E</i>
PVB-ES	MWh	<b>FGE</b>	TRUE	<b>9.000.000</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<i>Spanish Virtual Balancing Point (PVB-ES)</i>

### 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
<b>FTB M+1</b>	Endesa Generación, S.A.U.
<b>FTB M+2</b>	
<b>FTB Y+2</b>	
<b>FTB Q+1</b>	Axpó Iberia, S.L.
<b>FTB Q+2</b>	
<b>FTB Y+1</b>	

*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 and in the second year 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 y en el segundo año más cercano 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 e no segundo ano 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..."