

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.	Open Interest #cont.
FTB D Fr24May-19	24								49,04	-6,79											
FTB D Sa25May-19	24								43,00	-9,04											
FTB D Su26May-19	24								39,00	-7,51											
FTB WE 25May-19	48								41,00	-8,28											
FTB Wk22-19	168								49,35	-1,65											
FTB Wk23-19	168								48,05	-0,60											
FTB Wk24-19	168								49,05	-0,60											
FTB M Jun-19	720		49,15	49,40	49,15	49,40	48,60	49,80	49,05	-0,60		7	5040	14		5	942				
FTB M Jul-19	744						51,95	53,15	52,58	-0,52							22				
FTB M Aug-19	744								51,69	-0,66											
FTB M Sep-19	720								54,26	-0,69											
FTB M Oct-19	745								59,18	-0,24											
FTB M Nov-19	720								61,35	-0,25											
FTB Q3-19	2208		53,00	53,00	53,00	53,00	52,20	53,20	52,83	-0,62		2	4416	4		17	1027				
FTB Q4-19	2209		61,00	61,00	61,00	61,00	60,50	61,50	60,85	-0,25		1	2209	2		3	658				
FTB Q1-20	2183								59,00	-0,52							26				
FTB Q2-20	2184								50,50	-0,27							1				
FTB Q3-20	2208								55,10	0,07											
FTB Q4-20	2209								57,25	-0,02											
FTB Q1-21	2159								55,15	-0,20											
FTB YR-20	8784						55,10	56,10	55,47	-0,18							239				
FTB YR-21	8760						51,25	52,45	51,85	0,10							47				
FTB YR-22	8760						48,50		49,20	0,10							2				
FTB YR-23	8760								47,70	0,10							8				
FTB YR-24	8784								46,70	0,10							5				
FTB YR-25	8760								46,20	0,10											
FTB YR-26	8760								45,70	0,10											

(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

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*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 MWh	Futures (FTK)										Market Total (excl. OTC)						
		Auction		Trading Session			Closing Orders		Settlement			Auction #cont.	Continuous #cont.	Energy MWh	Buy+Sell			Open Interest #cont.
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Fin.				Phys.	OTC		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	#cont.	#cont.	#cont.		
FTK D Fr24May-19	12								49,53	-6,71								
FTK Wk22-19	60								52,10	-1,74								
FTK Wk23-19	60								50,77	-0,64								
FTK Wk24-19	60								51,84	-0,63								
FTK M Jun-19	240								51,84	-0,63								
FTK M Jul-19	276								56,44	-0,56								
FTK M Aug-19	264								55,54	-0,72								
FTK M Sep-19	252								58,26	-0,75								
FTK M Oct-19	276								63,56	-0,26								
FTK M Nov-19	252								65,86	-0,27								
FTK Q3-19	792								56,72	-0,67								
FTK Q4-19	792								65,36	-0,27								
FTK Q1-20	780								63,71	-0,56								
FTK Q2-20	780								54,61	-0,29								
FTK Q3-20	792								59,56	0,08								
FTK Q4-20	792								61,82	-0,02								
FTK Q1-21	768								59,52	-0,22								
FTK YR-20	3144								59,93	-0,20								
FTK YR-21	3132								55,98	0,11								
FTK YR-22	3120								53,14	0,11								
FTK YR-23	3120								51,49	0,11								
FTK YR-24	3144								50,42	0,11								
FTK YR-25	3120								49,88	0,11								
FTK YR-26	3120								49,31	0,11								

**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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	#cont.	MWh	#cont.					
FPB D Fr24May-19	24								49,04	-6,79													SPB D Fr24May-19	2,4			
FPB D Sa25May-19	24								43,00	-9,04													SPB D Sa25May-19	2,4			
FPB D Su26May-19	24								39,00	-7,51													SPB D Su26May-19	2,4			
FPB WE 25May-19	48								41,00	-8,28													SPB WE 25May-19	4,8			
FPB Wk22-19	168								49,85	-1,65													SPB Wk22-19	16,8			
FPB Wk23-19	168								48,55	-0,60													SPB Wk23-19	16,8			
FPB Wk24-19	168								49,55	-0,60													SPB Wk24-19	16,8			
FPB M Jun-19	720								49,55	-0,60										650			SPB M Jun-19	72,0			
FPB M Jul-19	744								53,08	-0,52													SPB M Jul-19	74,4			
FPB M Aug-19	744								52,19	-0,66													SPB M Aug-19	74,4			
FPB M Sep-19	720								54,76	-0,69													SPB M Sep-19	72,0			
FPB M Oct-19	745								59,68	-0,24													SPB M Oct-19	74,5			
FPB M Nov-19	720								61,85	-0,25													SPB M Nov-19	72,0			
FPB Q3-19	2208								53,33	-0,62										450			SPB Q3-19	220,8			
FPB Q4-19	2209								61,35	-0,25										250			SPB Q4-19	220,9			
FPB Q1-20	2183								59,35	-0,52													SPB Q1-20	218,3			
FPB Q2-20	2184								50,85	-0,27													SPB Q2-20	218,4			
FPB Q3-20	2208								55,45	0,07													SPB Q3-20	220,8			
FPB Q4-20	2209								57,60	-0,02													SPB Q4-20	220,9			
FPB Q1-21	2159								55,18	-0,20													SPB Q1-21	215,9			
FPB YR-20	8784								55,82	-0,18													SPB YR-20	878,4			
FPB YR-21	8760								51,88	0,10													SPB YR-21	876,0			
FPB YR-22	8760								49,23	0,10													SPB YR-22	876,0			
FPB YR-23	8760								47,73	0,10													SPB YR-23	876,0			
FPB YR-24	8784								46,73	0,10													SPB YR-24	878,4			
FPB YR-25	8760								46,23	0,10													SPB YR-25	876,0			
FPB YR-26	8760								45,73	0,10													SPB YR-26	876,0			

- <sup>(1)</sup> *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 MWh	Futures (FTS)										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.
FTS D Fr24May-19	6,9								49,94	-6,58							
FTS D Sa25May-19	6,9								43,01	-9,04							
FTS D Su26May-19	6,9								38,54	-7,51							
FTS WE 25May-19	13,8								40,78	-8,27							
FTS Wk22-19	49,1								50,20	-1,68							
FTS Wk23-19	51,1								48,06	-0,60							
FTS Wk24-19	51,1								49,06	-0,60							
FTS M Jun-19	219								49,06	-0,60							
FTS M Jul-19	245,21								54,46	-0,54							
FTS M Aug-19	210,18								53,56	-0,69							
FTS M Sep-19	163,8								56,21	-0,73							
FTS M Oct-19	123,07								60,36	-0,24							
FTS M Nov-19	81,6								63,46	-0,26							
FTS Q3-19	619,19								54,62	-0,64							
FTS Q4-19	277,52								62,07	-0,26							
FTS Q1-20	338,22								59,93	-0,53							
FTS Q2-20	602,4								52,00	-0,28							
FTS Q3-20	619,19								56,81	0,07							
FTS Q4-20	277,52								60,69	-0,02							
FTS Q1-21	334,35								55,70	-0,20							
FTS YR-20	1837,33								56,39	-0,17							
FTS YR-21	1833,46								52,37	0,10							
FTS YR-22	1833,46								49,44	0,10							
FTS YR-23	1833,46								47,70	0,10							
FTS YR-24	1837,33								46,70	0,10							
FTS YR-25	1833,46								46,20	0,10							
FTS YR-26	1833,46								45,70	0,10							

## 1.5 German DEEL Base Load (FDB)

Instrument	Futures (FDB)																
	Nominal Value €/MWh	Auction					Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Buy+Sell		Open Interest	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FDB D Fr24May-19	24							40,46	-0,94								
FDB D Sa25May-19	24							36,08	-0,47								
FDB D Su26May-19	24							24,44	1,39								
FDB WE 25May-19	48							30,26	0,46								
FDB Wk22-19	168							32,79	-0,05								
FDB Wk23-19	168							37,90	-0,63								
FDB Wk24-19	168							36,13	-0,73								
FDB M Jun-19	720							37,33	-0,76								
FDB M Jul-19	744							39,00	-0,71								
FDB M Aug-19	744							40,46	-0,84								
FDB M Sep-19	720							43,66	-0,51								
FDB M Oct-19	745							47,11	-0,65								
FDB M Nov-19	720							52,56	-0,78								
FDB Q3-19	2208							41,01	-0,69								
FDB Q4-19	2209							49,56	-0,76								
FDB Q1-20	2183							52,10	-0,47								
FDB Q2-20	2184							43,71	-0,60								
FDB Q3-20	2208							45,33	-0,78								
FDB Q4-20	2209							51,75	-0,26								
FDB Q1-21	2159							51,38	0,02								
FDB YR-20	8784							48,22	-0,53								
FDB YR-21	8760							46,84	-0,27								
FDB YR-22	8760							48,03	-0,10								
FDB YR-23	8760							49,55	-0,20								
FDB YR-24	8784							50,10	-0,18								
FDB YR-25	8760							50,75	-0,18								
FDB YR-26	8760							50,75	-0,18								

1.6 French FREL Base Load (FFB)

Instrument	Nominal Value €/MWh	Futures (FFB)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement			Auction		Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	Energy	Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FFB D Fr24May-19	24								38,81	-0,84							
FFB D Sa25May-19	24								33,72	-1,47							
FFB D Su26May-19	24								25,56	1,63							
FFB WE 25May-19	48								29,64	0,08							
FFB Wk22-19	168								33,40	0,35							
FFB Wk23-19	168								37,89	-0,49							
FFB Wk24-19	168								35,82	-0,25							
FFB M Jun-19	720								36,50	-0,71							
FFB M Jul-19	744								39,30	-0,59							
FFB M Aug-19	744								40,32	-0,13							
FFB M Sep-19	720								46,52	-0,57							
FFB M Oct-19	745								57,12	-1,76							
FFB M Nov-19	720								63,71	0,04							
FFB Q3-19	2208								42,00	-0,43							
FFB Q4-19	2209								60,54	-0,64							
FFB Q1-20	2183								60,96	-0,71							
FFB Q2-20	2184								42,79	-0,79							
FFB Q3-20	2208								44,59	-0,38							
FFB Q4-20	2209								58,26	-0,13							
FFB Q1-21	2159								56,36	-0,06							
FFB YR-20	8784								51,65	-0,50							
FFB YR-21	8760								48,21	-0,05							
FFB YR-22	8760								48,33	-0,05							
FFB YR-23	8760								49,85	-0,15							
FFB YR-24	8784								50,40	-0,13							
FFB YR-25	8760								51,05	-0,13							
FFB YR-26	8760								51,05	-0,13							



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

Instrument	Futures (FGE)														Open Interest #cont.		
	Nominal Value	Market Total (excl. OTC)										Buy+Sell					
		Auction		Trading Session			Closing Orders		Settlement		Energy	Fin.	Phys.	OTC			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change						Auction	Continuous
MWh/Day	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.		
FGE D Fr24May-19	1								15,210	0,050							
FGE D Sa25May-19	1								14,630	-0,020							
FGE D Su26May-19	1								14,630	-0,040							
FGE WE 25May-19	2								14,630	-0,030							
FGE WkDs22-19	5								14,823	-0,225							
FGE WE 01Jun-19	2								14,060	-0,190							
FGE WkDs23-19	5								14,060	-0,190							
FGE WE 08Jun-19	2								14,060	-0,190							
FGE WkDs24-19	5								14,060	-0,190							
FGE WE 15Jun-19	2								14,060	-0,190							
FGE BoM D+1 Calendar Day	8								14,823	n.a.							
FGE M Jun-19	30								14,060	-0,190							975
FGE M Jul-19	31								14,150	-0,520							
FGE M Aug-19	31								14,800	-0,330							
FGE Q3-19	92								14,800	-0,250							875
FGE Q4-19	92								20,450	-0,180							1125
FGE Q1-20	91								22,119	-0,120							
FGE Q2-20	91								19,840	-0,060							
FGE Win-19	183								21,280	-0,150							
FGE Sum-20	183								19,660	-0,080							
FGE Win-20	182								21,024	-0,221							
FGE YR-20	366								20,780	-0,050							625
FGE YR-21	365								20,530	-0,120							

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		Auction		Buy+Sell					
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	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 Jun-19 51	720								0,24	n.a.								
OEB C M Jun-19 52	720								0,10	n.a.								
OEB C M Jun-19 53	720								0,04	n.a.								
OEB C M Jun-19 54	720								0,01	n.a.								
OEB C M Jun-19 55	720								0,00	n.a.								
OEB C M Jun-19 56	720								0,00	n.a.								
OEB C M Jun-19 57	720								0,00	n.a.								
OEB C M Jun-19 58	720								0,00	n.a.								
OEB P M Jun-19 55	720								5,95	n.a.								
OEB P M Jun-19 54	720								4,96	n.a.								
OEB P M Jun-19 53	720								3,99	n.a.								
OEB P M Jun-19 52	720								3,05	n.a.								
OEB P M Jun-19 51	720								2,19	n.a.								
OEB P M Jun-19 50	720								1,44	n.a.								
OEB P M Jun-19 49	720								0,85	n.a.								
OEB P M Jun-19 48	720								0,44	n.a.								
OEB P M Jun-19 47	720								0,20	n.a.								
OEB C M Jul-19 57	744								0,57	n.a.								
OEB C M Jul-19 58	744								0,41	n.a.								
OEB C M Jul-19 59	744								0,29	n.a.								
OEB C M Jul-19 60	744								0,20	n.a.								
OEB P M Jul-19 56	744								4,20	n.a.								
OEB P M Jul-19 55	744								3,47	n.a.								
OEB P M Jul-19 54	744								2,80	n.a.								
OEB P M Jul-19 53	744								2,21	n.a.								

1.8.2 Quarter Futures Options

Instrument	Nominal Value	Futures Options (OEB)											Market Total (excl. OTC)				
		Auction		Trading Session			Closing Orders		Settlement		Auction		Buy+Sell				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	Energy	Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
OEB C Q3-19 53	2208								1,63	n.a.							
OEB C Q3-19 54	2208								1,21	n.a.							
OEB C Q3-19 55	2208								0,87	n.a.							
OEB C Q3-19 56	2208								0,61	n.a.							
OEB C Q3-19 57	2208								0,42	n.a.							
OEB C Q3-19 58	2208								0,28	n.a.							
OEB C Q3-19 59	2208								0,18	n.a.							
OEB C Q3-19 60	2208								0,11	n.a.							
OEB C Q3-19 61	2208								0,07	n.a.							
OEB C Q3-19 62	2208								0,04	n.a.							
OEB C Q3-19 63	2208								0,03	n.a.							
OEB C Q3-19 64	2208								0,01	n.a.							
OEB C Q3-19 65	2208								0,01	n.a.							
OEB P Q3-19 62	2208								9,22	n.a.							
OEB P Q3-19 61	2208								8,24	n.a.							
OEB P Q3-19 60	2208								7,29	n.a.							
OEB P Q3-19 59	2208								6,35	n.a.							
OEB P Q3-19 58	2208								5,45	n.a.							
OEB P Q3-19 57	2208								4,59	n.a.							
OEB P Q3-19 56	2208								3,78	n.a.							
OEB P Q3-19 55	2208								3,04	n.a.							
OEB P Q3-19 54	2208								2,38	n.a.							
OEB P Q3-19 53	2208								1,80	n.a.							
OEB P Q3-19 52	2208								1,31	n.a.							
OEB P Q3-19 51	2208								0,92	n.a.							
OEB P Q3-19 50	2208								0,62	n.a.							
OEB C Q4-19 59	2209								4,77	n.a.							

OEB C Q4-19 60	2209	4,25	n.a.
OEB C Q4-19 61	2209	3,77	n.a.
OEB C Q4-19 62	2209	3,32	n.a.
OEB C Q4-19 63	2209	2,92	n.a.
OEB C Q4-19 64	2209	2,56	n.a.
OEB C Q4-19 65	2209	2,23	n.a.
OEB C Q4-19 66	2209	1,94	n.a.
OEB P Q4-19 63	2209	5,07	n.a.
OEB P Q4-19 62	2209	4,47	n.a.
OEB P Q4-19 61	2209	3,92	n.a.
OEB P Q4-19 60	2209	3,40	n.a.
OEB P Q4-19 59	2209	2,92	n.a.
OEB P Q4-19 58	2209	2,49	n.a.
OEB P Q4-19 57	2209	2,10	n.a.
OEB P Q4-19 56	2209	1,75	n.a.
OEB P Q4-19 55	2209	1,44	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	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-20 55	8784								3,90	n.a.															
OEB C 4 YR-20 56	8784								3,43	n.a.															
OEB C 4 YR-20 57	8784								3,01	n.a.															
OEB C 4 YR-20 58	8784								2,63	n.a.															
OEB C 4 YR-20 59	8784								2,28	n.a.															
OEB C 4 YR-20 60	8784								1,98	n.a.															
OEB P 4 YR-20 56	8784								3,96	n.a.															
OEB P 4 YR-20 55	8784								3,43	n.a.															
OEB P 4 YR-20 54	8784								2,94	n.a.															
OEB P 4 YR-20 53	8784								2,49	n.a.															
OEB P 4 YR-20 52	8784								2,09	n.a.															
OEB P 4 YR-20 51	8784								1,73	n.a.															
OEB P 4 YR-20 50	8784								1,42	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				
		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 Jun-19	720								0,00	n.a.								
FTR P-E M Jun-19	720								0,00	n.a.								
FTR E-P M Jul-19	744								0,00	n.a.								
FTR P-E M Jul-19	744								0,00	n.a.								
FTR E-P M Aug-19	744								0,00	n.a.								
FTR P-E M Aug-19	744								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
23-05-2019	57,07	57,26	57,07	57,26	0,00	0,00	0,00	0,00	57,94	40,67	39,67
24-05-2019	49,04	49,53	49,04	49,53	0,00	0,00	0,00	0,00	49,94	40,46	38,81

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
Enforcesco 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 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 Bank Europe SE	X				X		
Goldman Sachs International	X			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
Griffin Markets Limited		X					
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						
La Energia,S.A.	X						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					

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Tullett Prebon (Securities) Limited	X						
Uniper Global Commodities SE	X						X
Viesgo Comercializadora de Referencia, S.L.	X					X	
Viesgo Generación, S.L.	X		X			X	
Vertsel Energía, S.L.U.	X						
Viesgo Renovables, S.L	X						
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..."

## 7. Code of Ehtics and Conduct / Código Ético y de Conducta / Código de Ética e Conduta

A new Code of Ethics and Conduct was approved and will enter into force on April 1, 2019 revoking the previous code. The new code can be consulted at the following address: <https://www.omip.pt/en/content/codigo-de-etica-e-conduta> or on the OMIP Website in the "Downloads" section.

Se aprobó un nuevo Código de Ética y Conducta y entrará en vigor el 1 de abril de 2019 revocando el código anterior. El nuevo código podrá ser consultado en el siguiente enlace: <https://www.omip.es/es-es/content/codigo-de-etica--conducta> o en el sitio web de OMIP en la sección "Descargas".

Um novo Código de Ética e Conduta foi aprovado e entra em vigor no dia 1 de Abril de 2019 revogando o anterior código. O novo código pode ser consultado no seguinte endereço: <https://www.omip.pt/pt-pt/content/codigo-de-etica-e-conduta> ou no Website OMIP na secção "Downloads".