

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.	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.	#cont.	#cont.	#cont.		
FTB D Fr07Jun-19	24								41,63	-0,37											
FTB D Sa08Jun-19	24								44,00	-0,69											
FTB D Su09Jun-19	24								40,76	1,45											
FTB WE 08Jun-19	48								42,38	0,38											
FTB Wk24-19	168								43,00	-2,25											
FTB Wk25-19	168								46,50	0,00											
FTB Wk26-19	168								47,00	0,00											
FTB M Jul-19	744						49,00	50,00	49,48	-0,92								52			
FTB M Aug-19	744						47,85	48,80	48,58	-0,87								5			
FTB M Sep-19	720								52,31	-0,24											
FTB M Oct-19	745								56,58	-0,70											
FTB M Nov-19	720								58,65	-0,73											
FTB M Dec-19	744								59,33	-0,73											
FTB Q3-19	2208						49,40	50,40	50,10	-0,68							5	1115			
FTB Q4-19	2209						57,70	58,70	58,18	-0,72							2	692			
FTB Q1-20	2183								57,40	-0,21							20	46			
FTB Q2-20	2184								50,19	-0,15								1			
FTB Q3-20	2208								54,69	-0,16											
FTB Q4-20	2209								56,81	-0,17											
FTB Q1-21	2159								54,17	-0,14											
FTB YR-20	8784						54,20	54,90	54,78	-0,17							5	239			
FTB YR-21	8760						51,10	52,30	51,70	-0,10								41			
FTB YR-22	8760								49,00	-0,10								3			
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	Futures (FTK)										Market Total (excl. OTC)						
		Auction		Trading Session			Closing Orders		Settlement			Auction	Continuous	Energy	Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Fin.				Phys.	OTC	Open Interest	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTK D Fr07Jun-19	12								43,65	2,56								
FTK Wk24-19	60								45,43	-2,38								
FTK Wk25-19	60								49,15	0,00								
FTK Wk26-19	60								49,68	0,01								
FTK M Jul-19	276								53,10	-0,99								
FTK M Aug-19	264								52,21	-0,94								
FTK M Sep-19	252								56,20	-0,23								
FTK M Oct-19	276								60,79	-0,75								
FTK M Nov-19	252								62,98	-0,78								
FTK M Dec-19	264								63,76	-0,78								
FTK Q3-19	792								53,79	-0,73								
FTK Q4-19	792								62,48	-0,77								
FTK Q1-20	780								61,95	-0,23								
FTK Q2-20	780								54,28	-0,15								
FTK Q3-20	792								59,12	-0,16								
FTK Q4-20	792								61,33	-0,17								
FTK Q1-21	768								58,47	-0,15								
FTK YR-20	3144								59,18	-0,18								
FTK YR-21	3132								55,82	-0,11								
FTK YR-22	3120								52,91	-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								49,30	-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	Auction	Conti.	Energy	Fin.	Phys.	OTC	Open Interest	Eq.	Open	High	Low	Last						Bid	Ask	Price	Change
FPB D Fr07Jun-19	24								41,85	-0,17													SPB D Fr07Jun-19	2,4							
FPB D Sa08Jun-19	24								44,06	-0,65													SPB D Sa08Jun-19	2,4							
FPB D Su09Jun-19	24								40,82	1,49													SPB D Su09Jun-19	2,4							
FPB WE 08Jun-19	48								42,44	0,42													SPB WE 08Jun-19	4,8							
FPB Wk24-19	168								43,50	-2,25													SPB Wk24-19	16,8							
FPB Wk25-19	168								47,00	0,00													SPB Wk25-19	16,8							
FPB Wk26-19	168								47,50	0,00													SPB Wk26-19	16,8							
FPB M Jul-19	744								49,98	-0,92													SPB M Jul-19	72,0							
FPB M Aug-19	744								49,08	-0,87													SPB M Aug-19	74,4							
FPB M Sep-19	720								52,81	-0,24													SPB M Sep-19	74,4							
FPB M Oct-19	745								57,08	-0,70													SPB M Oct-19	72,0							
FPB M Nov-19	720								59,15	-0,73													SPB M Nov-19	74,5							
FPB M Dec-19	744								59,83	-0,73													SPB M Dec-19	74,4							
FPB Q3-19	2208								50,60	-0,68											450		SPB Q3-19	220,8							
FPB Q4-19	2209								58,68	-0,72											250		SPB Q4-19	220,9							
FPB Q1-20	2183								57,75	-0,21													SPB Q1-20	218,3							
FPB Q2-20	2184								50,54	-0,15													SPB Q2-20	218,4							
FPB Q3-20	2208								55,04	-0,16													SPB Q3-20	220,8							
FPB Q4-20	2209								57,16	-0,17													SPB Q4-20	220,9							
FPB Q1-21	2159								54,20	-0,14													SPB Q1-21	215,9							
FPB YR-20	8784								55,13	-0,17													SPB YR-20	878,4							
FPB YR-21	8760								51,73	-0,10													SPB YR-21	876,0							
FPB YR-22	8760								49,03	-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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTS D Fr07Jun-19	7,3							43,43	2,29								
FTS D Sa08Jun-19	7,3							42,89	-0,69								
FTS D Su09Jun-19	7,3							39,32	1,45								
FTS WE 08Jun-19	14,6							41,11	0,38								
FTS Wk24-19	51,1							43,01	-2,25								
FTS Wk25-19	51,1							46,51	0,00								
FTS Wk26-19	51,1							47,01	0,00								
FTS M Jul-19	245,21							51,25	-0,95								
FTS M Aug-19	210,18							50,44	-0,90								
FTS M Sep-19	163,8							54,41	-0,07								
FTS M Oct-19	123,07							57,73	-0,72								
FTS M Nov-19	81,6							60,70	-0,76								
FTS M Dec-19	72,85							60,55	-0,75								
FTS Q3-19	619,19							51,81	-0,70								
FTS Q4-19	277,52							59,34	-0,74								
FTS Q1-20	338,22							58,31	-0,21								
FTS Q2-20	602,4							51,58	-0,16								
FTS Q3-20	619,19							56,28	-0,17								
FTS Q4-20	277,52							60,10	-0,19								
FTS Q1-21	334,35							54,71	-0,14								
FTS YR-20	1837,33							55,69	-0,18								
FTS YR-21	1833,46							52,22	-0,10								
FTS YR-22	1833,46							49,24	-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 Fr07Jun-19	24							37,61	2,46								
FDB D Sa08Jun-19	24							3,80	-6,70								
FDB D Su09Jun-19	24							25,70	-1,94								
FDB WE 08Jun-19	48							14,75	-4,32								
FDB Wk24-19	168							34,66	-0,03								
FDB Wk25-19	168							35,60	-0,88								
FDB Wk26-19	168							36,76	-0,74								
FDB M Jul-19	744							37,63	-0,76								
FDB M Aug-19	744							38,00	-0,63								
FDB M Sep-19	720							41,40	-0,43								
FDB M Oct-19	745							44,54	-0,47								
FDB M Nov-19	720							50,29	0,00								
FDB M Dec-19	744							46,67	-0,15								
FDB Q3-19	2208							38,98	-0,61								
FDB Q4-19	2209							47,13	-0,21								
FDB Q1-20	2183							50,12	-0,44								
FDB Q2-20	2184							42,64	-0,19								
FDB Q3-20	2208							44,29	-0,27								
FDB Q4-20	2209							50,14	-0,15								
FDB Q1-21	2159							50,65	-0,06								
FDB YR-20	8784							46,80	-0,26								
FDB YR-21	8760							46,23	-0,13								
FDB YR-22	8760							47,59	-0,25								
FDB YR-23	8760							49,30	-0,18								
FDB YR-24	8784							49,83	-0,22								
FDB YR-25	8760							50,48	-0,37								
FDB YR-26	8760							50,48	-0,37								

## 1.6 French FREL Base Load (FFB)

Instrument	Nominal Value €/MWh	Futures (FFB)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement		Auction #cont.	Continuous #cont.	Energy MWh	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.	#cont.	#cont.		
FFB D Fr07Jun-19	24								26,45	0,20							
FFB D Sa08Jun-19	24								15,50	0,49							
FFB D Su09Jun-19	24								22,20	-0,05							
FFB WE 08Jun-19	48								18,85	0,22							
FFB Wk24-19	168								31,00	-0,14							
FFB Wk25-19	168								33,63	-1,12							
FFB Wk26-19	168								35,00	-1,13							
FFB M Jul-19	744								37,41	-0,45							
FFB M Aug-19	744								37,52	-0,43							
FFB M Sep-19	720								43,25	-0,47							
FFB M Oct-19	745								53,93	0,37							
FFB M Nov-19	720								61,72	-0,20							
FFB M Dec-19	744								58,97	-0,61							
FFB Q3-19	2208								39,35	-0,45							
FFB Q4-19	2209								58,17	-0,14							
FFB Q1-20	2183								58,98	-0,18							
FFB Q2-20	2184								41,79	-0,07							
FFB Q3-20	2208								43,35	-0,19							
FFB Q4-20	2209								56,75	0,01							
FFB Q1-21	2159								55,63	-0,25							
FFB YR-20	8784								50,22	-0,10							
FFB YR-21	8760								47,60	-0,21							
FFB YR-22	8760								47,92	-0,28							
FFB YR-23	8760								49,63	-0,21							
FFB YR-24	8784								50,16	-0,25							
FFB YR-25	8760								50,81	-0,40							
FFB YR-26	8760								50,81	-0,40							



## 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 Fr07Jun-19	1								12,86	-0,38								
FGE D Sa08Jun-19	1								12,81	-0,42								
FGE D Su09Jun-19	1								12,77	0,34								
FGE WE 08Jun-19	2								12,79	-0,04								
FGE WkDs24-19	5								12,81	-0,33								
FGE WE 15Jun-19	2								12,81	-0,33								
FGE WkDs25-19	5								12,81	-0,33								
FGE WE 22Jun-19	2								12,81	-0,33								
FGE WkDs26-19	5								12,81	-0,33								
FGE WE 29Jun-19	2								12,81	-0,33								
FGE BoM D+1 Calendar Day	24								12,81	n.a.								
FGE M Jul-19	31								13,63	-0,22								
FGE M Aug-19	31								13,63	-0,30								
FGE M Sep-19	30								14,55	-0,11								
FGE Q3-19	92								13,93	-0,21								875
FGE Q4-19	92								19,50	0,00								1125
FGE Q1-20	91								20,61	0,50								
FGE Q2-20	91								19,26	-0,04								
FGE Win-19	183								20,05	0,25								
FGE Sum-20	183								19,15	-0,03								
FGE Win-20	182								20,11	0,33								
FGE YR-20	366								19,70	-0,01								625
FGE YR-21	365								19,76	0,07								

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 Jul-19 52	744								0,45	n.a.								
OEB C M Jul-19 53	744								0,27	n.a.								
OEB C M Jul-19 54	744								0,16	n.a.								
OEB C M Jul-19 55	744								0,08	n.a.								
OEB C M Jul-19 56	744								0,04	n.a.								
OEB C M Jul-19 57	744								0,02	n.a.								
OEB C M Jul-19 58	744								0,01	n.a.								
OEB C M Jul-19 59	744								0,00	n.a.								
OEB C M Jul-19 60	744								0,00	n.a.								
OEB P M Jul-19 56	744								6,57	n.a.								
OEB P M Jul-19 55	744								5,61	n.a.								
OEB P M Jul-19 54	744								4,68	n.a.								
OEB P M Jul-19 53	744								3,79	n.a.								
OEB P M Jul-19 52	744								2,97	n.a.								
OEB P M Jul-19 51	744								2,24	n.a.								
OEB P M Jul-19 50	744								1,60	n.a.								
OEB P M Jul-19 49	744								1,09	n.a.								
OEB C M Aug-19 51	744								0,95	n.a.								
OEB C M Aug-19 52	744								0,69	n.a.								
OEB C M Aug-19 53	744								0,49	n.a.								
OEB C M Aug-19 54	744								0,34	n.a.								
OEB P M Aug-19 50	744								2,69	n.a.								
OEB P M Aug-19 49	744								2,10	n.a.								
OEB P M Aug-19 48	744								1,59	n.a.								
OEB P M Aug-19 47	744								1,16	n.a.								

1.8.2 Quarter 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 Q3-19 53	2208								0,17	n.a.								
OEB C Q3-19 54	2208								0,08	n.a.								
OEB C Q3-19 55	2208								0,03	n.a.								
OEB C Q3-19 56	2208								0,01	n.a.								
OEB C Q3-19 57	2208								0,00	n.a.								
OEB C Q3-19 58	2208								0,00	n.a.								
OEB C Q3-19 59	2208								0,00	n.a.								
OEB C Q3-19 60	2208								0,00	n.a.								
OEB C Q3-19 61	2208								0,00	n.a.								
OEB C Q3-19 62	2208								0,00	n.a.								
OEB C Q3-19 63	2208								0,00	n.a.								
OEB C Q3-19 64	2208								0,00	n.a.								
OEB C Q3-19 65	2208								0,00	n.a.								
OEB P Q3-19 62	2208								11,90	n.a.								
OEB P Q3-19 61	2208								10,90	n.a.								
OEB P Q3-19 60	2208								9,90	n.a.								
OEB P Q3-19 59	2208								8,90	n.a.								
OEB P Q3-19 58	2208								7,90	n.a.								
OEB P Q3-19 57	2208								6,91	n.a.								
OEB P Q3-19 56	2208								5,91	n.a.								
OEB P Q3-19 55	2208								4,93	n.a.								
OEB P Q3-19 54	2208								3,98	n.a.								
OEB P Q3-19 53	2208								3,07	n.a.								
OEB P Q3-19 52	2208								2,24	n.a.								
OEB P Q3-19 51	2208								1,53	n.a.								
OEB P Q3-19 50	2208								0,95	n.a.								
OEB C Q4-19 59	2209								2,45	n.a.								

OEB C Q4-19 60	2209	2,04	n.a.
OEB C Q4-19 61	2209	1,69	n.a.
OEB C Q4-19 62	2209	1,39	n.a.
OEB C Q4-19 63	2209	1,13	n.a.
OEB C Q4-19 64	2209	0,91	n.a.
OEB C Q4-19 65	2209	0,73	n.a.
OEB C Q4-19 66	2209	0,58	n.a.
OEB P Q4-19 63	2209	5,95	n.a.
OEB P Q4-19 62	2209	5,21	n.a.
OEB P Q4-19 61	2209	4,51	n.a.
OEB P Q4-19 60	2209	3,86	n.a.
OEB P Q4-19 59	2209	3,27	n.a.
OEB P Q4-19 58	2209	2,72	n.a.
OEB P Q4-19 57	2209	2,24	n.a.
OEB P Q4-19 56	2209	1,81	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	#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 55	8784								2,77	n.a.							
OEB C 4 YR-20 56	8784								2,33	n.a.							
OEB C 4 YR-20 57	8784								1,95	n.a.							
OEB C 4 YR-20 58	8784								1,62	n.a.							
OEB C 4 YR-20 59	8784								1,33	n.a.							
OEB C 4 YR-20 60	8784								1,09	n.a.							
OEB P 4 YR-20 56	8784								3,55	n.a.							
OEB P 4 YR-20 55	8784								2,99	n.a.							
OEB P 4 YR-20 54	8784								2,48	n.a.							
OEB P 4 YR-20 53	8784								2,02	n.a.							
OEB P 4 YR-20 52	8784								1,62	n.a.							
OEB P 4 YR-20 51	8784								1,28	n.a.							
OEB P 4 YR-20 50	8784								0,99	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.
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
06-06-2019	43,82	41,99	43,82	41,99	0,00	0,00	0,00	0,00	41,81	36,48	33,53
07-06-2019	41,85	44,08	41,63	43,65	0,22	0,43	0,00	0,22	43,43	37,61	26,45

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						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	
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".