

1. Market Data / Datos de la Sesión / Dados da Sessão

1.1 MIBEL SPEL Base Load (FTB / FWB / SWB)

Instrument	Nominal Value	Futures (FTB)																Forwards (FWB)		Swaps (SWB)	
		Market Total (excl. OTC)																			
		Auction	Trading Session			Closing Orders		Settlement ⁽¹⁾				Buy+Sell									
	MWh	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.	OTC #cont.	Open Interest #cont.	OTC #cont.	Open Interest #cont.
FTB D Tu11Sep-18	24								71,79	-0,86											
FTB D We12Sep-18	24								75,00	2,20											
FTB D Th13Sep-18	24								75,00	2,10											
FTB D Fr14Sep-18	24								75,00	2,97											
FTB D Sa15Sep-18	24								73,74	6,84											
FTB D Su16Sep-18	24								66,26	6,85											
FTB WE 15Sep-18	48								70,00	6,84											
FTB Wk38-18	168								68,50	0,55											
FTB Wk39-18	168								71,50	0,55											
FTB Wk40-18	168								75,63	n.a.											
FTB M Oct-18	745		75,40	75,40	75,40	75,40	75,20	77,40	75,63	1,98		10	7450	20			45				
FTB M Nov-18	720		77,10	77,10	77,10	77,10	77,00	79,20	78,10	1,60		10	7200	20			20				
FTB M Dec-18	744						75,15		78,79	2,29											
FTB M Jan-19	744								74,73	1,05											
FTB M Feb-19	672								70,75	1,00											
FTB M Mar-19	743								66,76	0,94											
FTB Q4-18	2209		77,50	77,50	77,50	77,50	76,50	78,50	77,50	1,96		5	11045	10		5	1048				
FTB Q1-19	2159		70,50	70,50	70,50	70,50	70,60	72,00	70,75	1,00		10	21590	20			52				
FTB Q2-19	2184								58,15	1,80							5				
FTB Q3-19	2208								63,73	1,97											
FTB Q4-19	2209								65,04	2,01											
FTB Q1-20	2183								62,51	0,38											
FTB Q2-20	2184								51,38	1,19											
FTB YR-19	8760		64,40	64,40	64,40	64,40	64,10	64,70	64,40	1,70		5	43800	10			311				
FTB YR-20	8784		57,10	57,10	56,90	56,90	56,55	57,25	56,90	1,05		4	35136	8			68				
FTB YR-21	8760						52,50		53,00	1,00						2	17				
FTB YR-22	8760								52,88	1,00											
FTB YR-23	8760								51,48	1,00											

⁽¹⁾ Settlement Prices for SPEL Base Load Forward (FWB) and SPEL Base Load Swap (SWB) are identical to SPEL Base Load Futures (FTB) for the same maturity (OMIP Instruction 01/2009 no. 7) // El Precio de Referencia de Negociación para los Contratos Forward SPEL Base (FWB) y Contratos Swap SPEL Base (SWB) es idéntico al de los Contratos de Futuros SPEL Base (FTB) de igual vencimiento (Circular OMIP 01/2009 n.º 7) // O Preço de Referência de Negociação para os Forward SPEL Base (FWB) e Contratos Swap SPEL Base (SWB) é idêntico ao dos Contratos de Futuros SPEL Base (FTB) de igual maturidade (Circular OMIP 01/2009 n.º 7).

1.2 MIBEL SPEL Peak Load (FTK)

Instrument	Nominal Value	Futures (FTK)															
		Auction									Market Total (excl. OTC)						
		Trading Session		Closing Orders		Settlement						Buy+Sell					
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
	MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTK D Tu11Sep-18	12								74,08	-0,71							
FTK D We12Sep-18	12								77,67	3,11							
FTK D Th13Sep-18	12								77,67	3,69							
FTK D Fr14Sep-18	12								77,67	3,40							
FTK Wk38-18	60								73,21	0,59							
FTK Wk39-18	60								76,40	0,58							
FTK Wk40-18	60								83,22	n.a.							
FTK M Oct-18	276								83,22	2,18							
FTK M Nov-18	264								85,95	1,76							
FTK M Dec-18	252								86,71	2,54							
FTK M Jan-19	276								83,49	1,18							
FTK M Feb-19	240								79,00	1,13							
FTK M Mar-19	252								74,55	1,06							
FTK Q4-18	792								85,24	2,15							
FTK Q1-19	768								79,15	1,12							
FTK Q2-19	780								65,14	2,02							
FTK Q3-19	792								71,36	2,22							
FTK Q4-19	792								72,87	2,26							
FTK Q1-20	780								69,49	0,42							
FTK Q2-20	780								57,23	1,33							
FTK YR-19	3132								72,10	1,91							
FTK YR-20	3144								63,33	1,17							
FTK YR-21	3132								58,97	1,11							
FTK YR-22	3120								58,83	1,11							
FTK YR-23	3120								57,26	1,11							

1.3 MIBEL PTEL Base Load (FPB)

		Futures (FPB)																	Mini Swaps (SPB)		
Instrument	Nom. Value												Market Total (excl. OTC)					Instrument	Nom. Value		
		Auction		Trading Session		Closing Orders		Settlement ⁽¹⁾			Buy+Sell					OTC	Open Interest				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Conti.	Energy	Fin.	Phys.					OTC	Open Interest
	MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	MWh	#cont.	#cont.	
FPB D Tu11Sep-18	24								71,79	0,36								SPB D Tu11Sep-18	2,4		
FPB D We12Sep-18	24								75,00	3,28								SPB D We12Sep-18	2,4		
FPB D Th13Sep-18	24								75,00	3,09								SPB D Th13Sep-18	2,4		
FPB D Fr14Sep-18	24								75,00	4,29								SPB D Fr14Sep-18	2,4		
FPB D Sa15Sep-18	24								73,74	7,68								SPB D Sa15Sep-18	2,4		
FPB D Su16Sep-18	24								66,26	5,62								SPB D Su16Sep-18	2,4		
FPB WE 15Sep-18	48								70,00	6,65								SPB WE 08Sep-18	4,8		
FPB Wk38-18	168								67,71	0,55								SPB Wk37-18	16,8		
FPB Wk39-18	168								70,71	0,55								SPB Wk38-18	16,8		
FPB Wk40-18	168								75,54	n.a.								SPB Wk39-18	16,8		
FPB M Oct-18	745								75,54	1,98								SPB M Sep-18	74,5		
FPB M Nov-18	720								78,00	1,60								SPB M Oct-18	72,0		
FPB M Dec-18	744								78,68	2,29								SPB M Nov-18	74,4		
FPB M Jan-19	744								74,75	1,05								SPB M Dec-18	74,4		
FPB M Feb-19	672								70,77	1,00								SPB M Jan-19	67,2		
FPB M Mar-19	743								66,78	0,94								SPB M Feb-19	74,3		
FPB Q4-18	2209								77,40	1,96						465		SPB Q4-18	220,9		
FPB Q1-19	2159								70,77	1,00								SPB Q1-19	215,9		
FPB Q2-19	2184								57,99	1,80								SPB Q2-19	218,4		
FPB Q3-19	2208								63,55	1,97								SPB Q3-19	220,8		
FPB Q4-19	2209								64,88	2,01								SPB Q4-19	220,9		
FPB Q1-20	2183								62,54	0,38								SPB Q1-20	218,3		
FPB Q2-20	2184								51,41	1,19								SPB Q2-20	218,4		
FPB YR-19	8760								64,28	1,70						75		SPB YR-19	876,0		
FPB YR-20	8784								56,93	1,05								SPB YR-20	878,4		
FPB YR-21	8760								53,03	1,00								SPB YR-21	876,0		
FPB YR-22	8760								52,91	1,00								SPB YR-22	876,0		
FPB YR-23	8760								51,51	1,00								SPB YR-23	876,0		

- ⁽¹⁾ 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	Futures (FTS)															
		Market Total (excl. OTC)															
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	Open Interest
	MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTS D Tu11Sep-18	5,46								73,80	-5,59							
FTS D We12Sep-18	5,46								77,46	-1,25							
FTS D Th13Sep-18	5,46								77,46	-1,05							
FTS D Fr14Sep-18	5,46								77,46	-0,91							
FTS D Sa15Sep-18	5,46								77,12	6,84							
FTS D Su16Sep-18	5,46								68,59	6,84							
FTS WE 15Sep-18	10,92								72,86	6,84							
FTS Wk38-18	38,22						69,00		73,70	0,59							
FTS Wk39-18	38,22						69,90		76,93	0,59							
FTS Wk40-18	27,79								81,32	n.a.							
FTS M Oct-18	123,07						75,60		81,32	2,13							
FTS M Nov-18	81,6								83,99	1,72							
FTS M Dec-18	72,85								85,15	2,48							
FTS M Jan-19	82,46								81,23	1,15							
FTS M Feb-19	108,36								76,89	1,09							
FTS M Mar-19	143,53								72,55	1,03							
FTS Q4-18	277,52								83,11	2,10							
FTS Q1-19	334,35								76,10	1,08							
FTS Q2-19	602,4								63,80	1,89							
FTS Q3-19	619,19								69,91	2,06							
FTS Q4-19	277,52								71,37	2,10							
FTS Q1-20	334,35								67,22	0,41							
FTS Q2-20	602,4								55,25	1,28							
FTS YR-19	1833,46								69,25	1,83							
FTS YR-20	1837,33								61,20	1,13							
FTS YR-21	1833,46								57,00	1,08							
FTS YR-22	1833,46								56,87	1,08							
FTS YR-23	1833,46								55,37	1,08							

1.5 German DEEL Base Load (FDB)

		Futures (FDB)																	
Instrument	Nominal Value															Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement				Buy+Sell						
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FDB D Tu11Sep-18	24								57,80	-1,20									
FDB D We12Sep-18	24								64,88	4,63									
FDB D Th13Sep-18	24								72,50	5,73									
FDB D Fr14Sep-18	24								69,78	4,70									
FDB D Sa15Sep-18	24								55,55	5,49									
FDB D Su16Sep-18	24								49,99	1,25									
FDB WE 15Sep-18	48								52,77	3,37									
FDB Wk38-18	168								56,85	-0,33									
FDB Wk39-18	168								59,45	1,20									
FDB Wk40-18	168								0,01	n.a.									
FDB M Oct-18	745								61,65	1,43									
FDB M Nov-18	720								65,54	1,35									
FDB M Dec-18	744								60,59	1,71									
FDB M Jan-19	744								66,63	2,45									
FDB M Feb-19	672								67,20	1,82									
FDB M Mar-19	743								58,10	1,54									
FDB Q4-18	2209								62,56	1,50									
FDB Q1-19	2159								63,87	1,94									
FDB Q2-19	2184								51,71	2,10									
FDB Q3-19	2208								52,89	2,63									
FDB Q4-19	2209								58,52	2,33									
FDB Q1-20	2183								58,54	2,73									
FDB Q2-20	2184								46,48	2,16									
FDB YR-19	8760								56,72	2,25									
FDB YR-20	8784								51,94	2,31									
FDB YR-21	8760								49,00	1,97									
FDB YR-22	8760								49,98	1,92									
FDB YR-23	8760								50,60	1,33									

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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FFB D Tu11Sep-18	24								64,11	-3,09							
FFB D We12Sep-18	24								68,00	1,17							
FFB D Th13Sep-18	24								66,89	-0,05							
FFB D Fr14Sep-18	24								64,31	-0,05							
FFB D Sa15Sep-18	24								59,52	1,75							
FFB D Su16Sep-18	24								51,24	1,51							
FFB WE 15Sep-18	48								55,38	1,63							
FFB Wk38-18	168								61,50	-1,15							
FFB Wk39-18	168								65,03	0,88							
FFB Wk40-18	168								66,50	n.a.							
FFB M Oct-18	745								71,36	1,97							
FFB M Nov-18	720								81,66	0,79							
FFB M Dec-18	744								82,10	2,23							
FFB M Jan-19	744								82,65	2,63							
FFB M Feb-19	672								82,64	2,94							
FFB M Mar-19	743								68,01	2,58							
FFB Q4-18	2209								78,33	1,67							
FFB Q1-19	2159								77,61	2,71							
FFB Q2-19	2184								51,53	2,22							
FFB Q3-19	2208								52,75	2,58							
FFB Q4-19	2209								68,07	2,52							
FFB Q1-20	2183								68,98	2,89							
FFB Q2-20	2184								45,80	2,29							
FFB YR-19	8760								62,44	2,51							
FFB YR-20	8784								55,50	2,62							
FFB YR-21	8760								50,71	1,79							
FFB YR-22	8760								50,71	1,79							
FFB YR-23	8760								50,71	1,79							

1.7 PVB-ES NG Physical Futures Contracts (FGE)

Instrument	Nominal Value	Futures (FGE)											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/Day	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FGE D Tu11Sep-18	1								29,610	-0,080							
FGE D We12Sep-18	1								29,810	0,120							
FGE D Th13Sep-18	1								29,810	0,120							
FGE D Fr14Sep-18	1								29,810	0,120							
FGE D Sa15Sep-18	1								29,810	0,120							
FGE D Su16Sep-18	1								29,810	0,120							
FGE WE 15Sep-18	2								29,810	0,120							
FGE WkDs38-18	5								31,496	1,205							
FGE WE 22Sep-18	2								31,496	1,205							
FGE WkDs39-18	5								31,496	1,205							
FGE WE 29Sep-18	2								31,496	1,205							
FGE WkDs40-18	5								30,980	n.a.							
FGE WE 06Oct-18	2								30,980	n.a.							
FGE BoM D+1 Calendar Day	20								30,980	n.a.							
FGE M Oct-18	31								30,980	0,600							
FGE M Nov-18	30								32,050	0,700							
FGE M Dec-18	31								32,823	0,651							
FGE Q4-18	92								31,950	0,650							
FGE Q1-19	90								32,354	1,155							
FGE Q2-19	91								25,800	1,950							
FGE Q3-19	92								25,402	1,950							
FGE Win-18	182								32,150	0,900							
FGE Sum-19	183								25,600	1,950							
FGE Win-19	183								27,747	0,589							
FGE YR-19	365								27,630	0,880							875
FGE YR-20	366								23,846	0,599							625

1.8 MIBEL SPEL Base Load Financial Futures Options (OEB)

1.8.1 Month Futures Options

		Futures Options (OEB)															
Instrument	Nominal Value	Market Total (excl. OTC)															
		Auction		Trading Session		Closing Orders		Settlement		Buy+Sell							
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C M Oct-18 66	745								9,63	n.a.							
OEB C M Oct-18 67	745								8,64	n.a.							
OEB C M Oct-18 68	745								7,64	n.a.							
OEB C M Oct-18 69	745								6,66	n.a.							
OEB C M Oct-18 70	745								5,70	n.a.							
OEB C M Oct-18 71	745								4,77	n.a.							
OEB C M Oct-18 72	745								3,89	n.a.							
OEB C M Oct-18 73	745								3,07	n.a.							
OEB C M Oct-18 74	745								2,35	n.a.							
OEB C M Oct-18 75	745								1,73	n.a.							
OEB C M Oct-18 76	745								1,23	n.a.							
OEB C M Oct-18 77	745								0,83	n.a.							
OEB P M Oct-18 62	745								0,00	n.a.							
OEB P M Oct-18 63	745								0,00	n.a.							
OEB P M Oct-18 64	745								0,00	n.a.							
OEB P M Oct-18 65	745								0,00	n.a.							
OEB P M Oct-18 66	745								0,00	n.a.							
OEB P M Oct-18 67	745								0,00	n.a.							
OEB P M Oct-18 68	745								0,01	n.a.							
OEB P M Oct-18 69	745								0,03	n.a.							
OEB P M Oct-18 70	745								0,07	n.a.							
OEB P M Oct-18 71	745								0,14	n.a.							
OEB P M Oct-18 72	745								0,26	n.a.							
OEB C M Nov-18 74	720								4,71	n.a.							
OEB C M Nov-18 75	720								3,97	n.a.							
OEB C M Nov-18 76	720								3,29	n.a.							
OEB C M Nov-18 77	720								2,68	n.a.							

OEB P M Nov-18 73	720	0,42	n.a.
OEB P M Nov-18 72	720	0,28	n.a.
OEB P M Nov-18 71	720	0,18	n.a.
OEB P M Nov-18 70	720	0,11	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 Q4-18 56	2209								21,50	n.a.							
OEB C Q4-18 57	2209								20,50	n.a.							
OEB C Q4-18 58	2209								19,50	n.a.							
OEB C Q4-18 59	2209								18,50	n.a.							
OEB C Q4-18 60	2209								17,50	n.a.							
OEB C Q4-18 61	2209								16,50	n.a.							
OEB C Q4-18 62	2209								15,50	n.a.							
OEB C Q4-18 63	2209								14,50	n.a.							
OEB C Q4-18 64	2209								13,50	n.a.							
OEB C Q4-18 65	2209								12,50	n.a.							
OEB C Q4-18 66	2209								11,50	n.a.							
OEB C Q4-18 67	2209								10,50	n.a.							
OEB C Q4-18 68	2209								9,50	n.a.							
OEB C Q4-18 69	2209								8,50	n.a.							
OEB C Q4-18 70	2209								7,50	n.a.							
OEB C Q4-18 71	2209								6,50	n.a.							
OEB C Q4-18 72	2209								5,51	n.a.							
OEB C Q4-18 73	2209								4,52	n.a.							
OEB C Q4-18 74	2209								3,56	n.a.							
OEB C Q4-18 75	2209								2,65	n.a.							
OEB C Q4-18 76	2209								1,84	n.a.							
OEB C Q4-18 77	2209								1,18	n.a.							
OEB C Q4-18 78	2209								0,68	n.a.							
OEB P Q4-18 72	2209								0,00	n.a.							
OEB P Q4-18 71	2209								0,00	n.a.							
OEB P Q4-18 70	2209								0,00	n.a.							
OEB P Q4-18 69	2209								0,00	n.a.							
OEB P Q4-18 68	2209								0,00	n.a.							

OEB P Q4-18 67	2209	0,00	n.a.
OEB P Q4-18 66	2209	0,00	n.a.
OEB P Q4-18 65	2209	0,00	n.a.
OEB P Q4-18 64	2209	0,00	n.a.
OEB P Q4-18 63	2209	0,00	n.a.
OEB P Q4-18 62	2209	0,00	n.a.
OEB P Q4-18 61	2209	0,00	n.a.
OEB P Q4-18 60	2209	0,00	n.a.
OEB P Q4-18 59	2209	0,00	n.a.
OEB P Q4-18 58	2209	0,00	n.a.
OEB P Q4-18 57	2209	0,00	n.a.
OEB P Q4-18 56	2209	0,00	n.a.
OEB P Q4-18 55	2209	0,00	n.a.
OEB P Q4-18 54	2209	0,00	n.a.
OEB P Q4-18 53	2209	0,00	n.a.
OEB C Q1-19 59	2159	11,78	n.a.
OEB C Q1-19 60	2159	10,80	n.a.
OEB C Q1-19 61	2159	9,82	n.a.
OEB C Q1-19 62	2159	8,86	n.a.
OEB C Q1-19 63	2159	7,93	n.a.
OEB C Q1-19 64	2159	7,02	n.a.
OEB C Q1-19 65	2159	6,15	n.a.
OEB C Q1-19 66	2159	5,32	n.a.
OEB C Q1-19 67	2159	4,55	n.a.
OEB C Q1-19 68	2159	3,84	n.a.
OEB C Q1-19 69	2159	3,20	n.a.
OEB C Q1-19 70	2159	2,63	n.a.
OEB C Q1-19 71	2159	2,12	n.a.
OEB C Q1-19 72	2159	1,69	n.a.
OEB P Q1-19 68	2159	1,09	n.a.
OEB P Q1-19 67	2159	0,80	n.a.
OEB P Q1-19 66	2159	0,57	n.a.
OEB P Q1-19 65	2159	0,39	n.a.
OEB P Q1-19 64	2159	0,26	n.a.
OEB P Q1-19 63	2159	0,17	n.a.

OEB P Q1-19 62	2159	0,11	n.a.
OEB P Q1-19 61	2159	0,06	n.a.
OEB P Q1-19 60	2159	0,04	n.a.
OEB P Q1-19 59	2159	0,02	n.a.
OEB P Q1-19 58	2159	0,01	n.a.
OEB P Q1-19 57	2159	0,00	n.a.
OEB P Q1-19 56	2159	0,00	n.a.

1.8.3 Year Futures Options

		Futures Options (OEB)																	
Instrument	Nominal Value															Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement		Buy+Sell								
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest		
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
OEB C 4 YR-19 49	8760								15,41	n.a.									
OEB C 4 YR-19 50	8760								14,41	n.a.									
OEB C 4 YR-19 51	8760								13,41	n.a.									
OEB C 4 YR-19 52	8760								12,41	n.a.									
OEB C 4 YR-19 53	8760								11,41	n.a.									
OEB C 4 YR-19 54	8760								10,41	n.a.									
OEB C 4 YR-19 55	8760								9,41	n.a.									
OEB C 4 YR-19 56	8760								8,42	n.a.									
OEB C 4 YR-19 57	8760								7,43	n.a.									
OEB C 4 YR-19 58	8760								6,46	n.a.									
OEB C 4 YR-19 59	8760								5,51	n.a.									
OEB C 4 YR-19 60	8760								4,61	n.a.									
OEB C 4 YR-19 61	8760								3,76	n.a.									
OEB C 4 YR-19 62	8760								2,99	n.a.									
OEB C 4 YR-19 63	8760								2,30	n.a.									
OEB C 4 YR-19 64	8760								1,72	n.a.									
OEB C 4 YR-19 65	8760								1,24	n.a.									
OEB P 4 YR-19 61	8760								0,36	n.a.									
OEB P 4 YR-19 60	8760								0,21	n.a.									
OEB P 4 YR-19 59	8760								0,11	n.a.									
OEB P 4 YR-19 58	8760								0,05	n.a.									
OEB P 4 YR-19 57	8760								0,03	n.a.									
OEB P 4 YR-19 56	8760								0,01	n.a.									
OEB P 4 YR-19 55	8760								0,00	n.a.									
OEB P 4 YR-19 54	8760								0,00	n.a.									
OEB P 4 YR-19 53	8760								0,00	n.a.									
OEB P 4 YR-19 52	8760								0,00	n.a.									
OEB P 4 YR-19 51	8760								0,00	n.a.									
OEB P 4 YR-19 50	8760								0,00	n.a.									
OEB P 4 YR-19 49	8760								0,00	n.a.									
OEB P 4 YR-19 48	8760								0,00	n.a.									
OEB P 4 YR-19 47	8760								0,00	n.a.									
OEB P 4 YR-19 46	8760								0,00	n.a.									
OEB P 4 YR-19 45	8760								0,00	n.a.									

1.9 FTR Baseload (FTR)

Instrument	Nominal Value	Financial Transmission Rights (FTR)												Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	Open Interest
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTR E-P M Oct-18	745								0,00	n.a.							
FTR P-E M Oct-18	745								0,00	n.a.							
FTR E-P M Nov-18	720								0,00	n.a.							
FTR P-E M Nov-18	720								0,00	n.a.							
FTR E-P M Dec-18	744								0,00	n.a.							
FTR P-E M Dec-18	744								0,00	n.a.							
FTR E-P Q4-18	2209								0,00	n.a.							200
FTR P-E Q4-18	2209								0,00	n.a.							200

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
08-09-2018	69,19	70,11	69,19	70,11	0,00	0,00	0,00	0,00	70,32	50,11	58,84
09-09-2018	70,87	70,39	70,87	70,39	0,00	0,00	0,00	0,00	70,69	49,16	50,71
10-09-2018	72,44	75,48	72,44	75,48	0,00	0,00	0,00	0,00	75,35	64,31	65,74
11-09-2018	71,79	74,08	71,79	74,08	0,00	0,00	0,00	0,00	73,80	57,80	64,11

2. Market Information / Información del Mercado / Informação do Mercado

2.1 Session Timetable/ Horario de la Sesión / Horário da Sessão

Pre-Trade	Continuous Trading	Pre-Close
8:00 – 9:00	9:00 – 17:00	17:00 – 18:30

CET (Central European Time)

2.2 Members / Miembros / Membros

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Acciona Green Energy Developments S.L.	X						
Alpiq, AG	X						X
Antuko Energía S.L.	X						
Arraco Global Markets Ltd		X					
Axpo Iberia, S.L.U.	X		X			X	X
Banco L.J. Carregosa, S.A.				X	X		
Banco Santander. S.A.	X			X	X		
BP Gas Marketing Limited	X						
Caixa Geral de Depósitos. S.A.				X	X		
Céltica Energía, S.L.	X						
Cepsa Gas y Electricidad, S.A.	X						
CIMD - Sociedad de Valores. S.A.	X	X					
Citadel Energy Investments (Ireland) DAC	X						
Citibank International PLC. Sucursal en España					X		
Citigroup Global Markets Limited	X		X				
Clidom Energy S.L.	X						X
Danske Commodities, A/S	X						
Dreue Electric, S.L.	X						
Ecochoice, S.A.	X						
EDF Trading Limited	X						
EDP - Energias de Portugal. S.A.	X					X	
EDP - Serviço Universal. S.A.	X					X	
EDP España, S.A.U.	X					X	
EGL. AG						X	

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Endesa Energía XXI. S.L.	X					X	
Endesa Generación. S.A.	X		X			X	
Endesa Energía , S.A.	X						X
Enérgya VM Gestión de Energía S.L.U.	X						X
Enforresco S.A.	X						
Engie Global Markets	X		X				
Eni Trading & Shipping	X						X
Evergreen Eléctrica S.L.	X						
Factor Energía. S.A.	X					X	
Fenie Energía, S.A.	X						X
Foener Energía, S.L.	X						
Fortia Energía, S.L.	X					X	
Fortia Energía Servicios	X						
Freepoint Commodities Europe LLP	X						
Futura Energía Y Gas, SL							X
Galp Power S.A.	X						X
Galp Gás Natural S.A	X						X
Gas Natural Comercializadora, S.A.	X						X
Gas Natural SDG. S.A.	X					X	
Gas Natural S U R SDG. S.A.	X					X	
GeoAtlante, S.L.	X						
Gesternova, S.A.	X						
GFI Brokers Ltd.		X					
Gnera Energía y Tecnología, S.L	X						
Goldman Sachs International	X			X			
Griffin Markets Limited		X					

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Iberdrola Comercialización de Último Recurso S.A.U.	X						
Iberdrola Generación España, S.A.U	X		X				X
ICAP Energy. AS	X	X					
ICAP Energy Ltd	X	X					
Ingeniería y Comercialización del Gas S.A.	X						X
Jafplus Energia, Lda.	X						
J. Aron & Company						X	
Kyonynsys Century S.L.U.	X						
Ledesma Comercializadora Eléctrica , S.L.	X						
Mercuria Energy Trading S.A.	X						
Morgan Stanley Bank. AG					X		
Macquarie Bank Limited	X						
Multienergía Verde, S.L.							X
Nexus Energía. S.A.	X					X	X
PH Energia, Lda.	X						
Red Eléctrica de España, S.A.U.	X		X				
REN - Rede Eléctrica Nacional, S.A.	X		X				
Swap Energía, S.A.	X					X	X
Shell Energy Europe Limited	X						
Sociedad Bilbao Gas Hub, S.A.		X					
Spectron Energy Services Limited		X					
Switch Energy, S.L.	X						
Total Gas & Power Limited	X						X
Trafigura PTE Ltd.							X
TrailStone GmgH	X						
Tullett Prebon (Europe) Limited		X					
Tullett Prebon (Securities) Limited	X						

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Uniper Global Commodities SE	X		X				
Viesgo Comercializadora de Referencia, S.L.	X					X	
Viesgo Generación, S.L.	X		X			X	
Vertsel Energía, S.L.U.	X						
Viesgo Renovables, S.L.	X						
Villar Mir Energía , S.L.U.	X						

3. Fees / Tarifas / Preçário:

3.1 Trading/Registration, Clearing and Physical Delivery Fees of Power Derivatives Contracts / Comisiones de Negociación/Registro, Compensación y de Entrega Física de Contratos Derivados de Electricidad / Comissões de Negociação/Registo, de Compensação e de Entrega Física de Contratos Derivados de Electricidade

Type of Transaction (Power Transactions)	OMIP Trading / Registration Fee		
	MV* < 1,5 TWh	1.5TW <= MV * <= 3 TWh	MV * >= 3 TWh
Continuous Trading	0,0075	0,0050	0,0025
Call Auction Trading	0,0075	0,0075	0,0075
Bilateral Transactions ** (between different owners)	0,0045	0,0045	0,0030
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0

Units: Euro/MWh

* MV – Monthly Volume (calculated independently for transactions made through Continuous Trading and for those Operational Transactions registered in OMIP Derivatives Market).

** Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

Trading Members (Light) are charged trading and registration fees two (2) times greater.

Type of Transaction (Power Transactions)	OMIClear Clearing Fee			OMIClear Physical Delivery Fee ***
	MV* < 1,5 TWh	1.5TW <= MV * <= 3 TWh	MV * >= 3 TWh	
Continuous Trading	0,0070	0,0050	0,0025	0,01
Call Auction Trading	0,0070	0,0070	0,0070	
Bilateral Transactions ** (between different owners)	0,0070	0,0050	0,0025	
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0	

Units: Euro/MWh

* MV – Monthly Volume (calculated independently for transactions made through Continuous Trading and for those Operational Transactions registered in OMIP Derivatives Market).

** Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

*** Based on the net position under delivery calculated on a (power) physical trading account level.

3.2 Registration, Clearing and Physical Delivery Fees of Natural Gas Derivatives Contracts / Comisiones de Registro, Compensación y de Entrega Física de Contratos Derivados de Gas Natural / Comissões de Registro, de Compensação e de Entrega Física de Contratos Derivados de Gás Natural

Type of Transaction (Natural Gas Transactions)	OMIP Registration Fee	OMIClear Clearing Fee	OMIClear Physical Delivery Fee **
Bilateral Transactions ** (between different owners)	0,005	0,007	0,0055
Registration of Transfer or Bilateral Transaction ** between the same owner	0	0	0

Unit: Euro/MWh

* Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

** Based on the net position under delivery calculated on a (gas) physical delivery account level.

Further details on the price lists in place can be found in OMIP Notice 03/2010 and OMIClear Instruction A02/2014 available in the respective websites // Para más detalle de las tarifas en vigor por favor consultar el Aviso OMIP 03/2010 y la Circular OMIClear A02/2014 disponibles en los respectivos sitios web // Para mais detalhe dos preços em vigor por favor consultar Aviso OMIP 03/2010 e Circular OMIClear A02/2014 disponíveis nos respectivos websites.

3.3 Admission and Maintenance Fees / Comisiones de Admisión y Mantenimiento/ Comissões de Admissão e Manutenção

Member Status	OMIP	
	Admission Fee (One-off Fee)	Maintenance Fee (Annual Fee)
Trading Member 1 ⁽¹⁾	12 000	12 000
Trading Member 2 ⁽²⁾	12 000 ⁽³⁾	1 000 per account ⁽⁴⁾
Trading Member Light	1600	1600
Broker OTC	0	2 000

Unit: Euro

⁽¹⁾ For Own Account and Third Parties Account

⁽²⁾ For Third Parties Account

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

⁽⁴⁾ Up to a maximum 12.000 EUR

Member Status	OMIClear	
	Admission Fee (One-off Fee)	Maintenance Fee (Annual Fee)
Direct Clearing Member	10 000	10 000
General Clearing Member	15 000	15 000
Financial Settlement Agent	0	0
Physical Settlement Agent	0	0

Unit: Euro

4. Rules / Reglas / Regras

4.1 OMIP Trading Rules / Reglas de Negociación de OMIP / Regras da Negociação do OMIP

<http://www.omip.pt/Downloads/tabid/104/language/en-GB/Default.aspx>

4.2 OMIClear Clearing Rules / Reglas de Compensación de OMIClear / Regras da Compensação da OMIClear

<http://www.omiclear.pt/Downloads/tabid/170/language/en-GB/Default.aspx>

4.3 OMIP Code of Conduct / Código de Ética de OMIP / Código de Ética do OMIP

<http://www.omip.pt/Downloads/tabid/104/language/en-GB/Default.aspx>

5. Operational Limits

5.1. Parameters of the Order Transaction Ratio

In accordance with OMIP Instruction 01/2017 – Operational Limits, OMIP sets the following limits to ratio of the quantity of ordered contracts to executed contracts to 10.000 and the following limit to the ratio of the volume of ordered contracts to executed contracts to 72.000.000 MWh.

5.2 Positions Limits

The Portuguese financial regulator (CMVM), published on December 27th 2017 ^(*) the Positions Limits applicable to OMIP products. According to OMIP calculation (approved by CMVM) the following limits apply:

	Venue Product Code		Instrument Code	New & Illiquid	Spot Month			Other Months			Description
	Limit Group	Unit		New & Illiquid Art 15 1.a)	Deliverable Supply	Spot Month Limit Factor	Spot Month Applicable Limit	Limit Group Total Open Interest (2 sides)	Other Months Factor	Other Months Applicable Limit	
Power	SPEL Base	MWh	FTB / FWB / SWB	FALSE	80.089.930	0,25	20.022.483	33.073.033	0,35	11.575.562	Spain Base Load
	SPEL Peak	MWh	FTK	TRUE	n.a.	n.a.	900.000	n.a.	n.a.	900.000	Spain Peak Load
	PTEL Base	MWh	FPB / SPB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Portugal Base Load
	SPEL Solar	MWh	SWS	TRUE	n.a.	n.a.	59.325	n.a.	n.a.	59.325	Spain Solar Load
	DEEL Base	MWh	FDB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Phelix Base Load
	FREL Base	MWh	FFB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	France Base Load
	IFTR E-P Base	MWh	FTR E-P	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights E-P
	IFTR P-E Base	MWh	FTR P-E	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights P-E
NG	PVB-ES	MWh	FGE	TRUE	n.a.	n.a.	9.000.000	n.a.	n.a.	9.000.000	Spanish Virtual Balancing Point (PVP-ES)

(*) http://www.cmvm.pt/en/SDI/pn/derivatives/Pages/Derivados-de-mercadorias_rets-21_spel.aspx

5.3. Volume Limits per Order (nº of contracts)

Power Products: Days (500), Weekends (500), Weeks (250), Months (100), Quarters (100), Years (50).

Natural Gas Products: Days (10000), Weekends (10000), Week Days (5000), Balance of the Month (2000), Months (2000), Quarters (2000), Season (1500), Years (1000).

6. Liquidity Provider / Proveedor de Liquidez / Fornecedor de Liquidez

6.1 MIBEL SPEL Base Load Futures (FTB)

Contract / Contrato / Contrato	Liquidity Provider / Proveedor de Liquidez / Fornecedor de Liquidez
FTB M+1 FTB M+2	Endesa Generación, S.A.U.
FTB Q+1 FTB Q+2 FTB Y+1	Axpo Iberia, S.L.
FTB Y+2	EDF Trading Markets Limited

M+1: Front month contract // Contrato del mes siguiente // Contrato do mês seguinte

M+2: Second month ahead contract // Contrato del segundo mes siguiente // Contrato do segundo mês seguinte

Q+1: Front quarter contract // Contrato del trimestre siguiente // Contrato do trimestre seguinte

Q+2: Second quarter ahead contract // Contrato del segundo trimestre siguiente // Contrato do segundo trimestre seguinte

Y+1: Front Year contract // Contrato del primer año siguiente // Contrato do primeiro ano seguinte

Y+2: Second year ahead contract // Contrato del segundo año siguiente // Contrato do segundo ano seguinte

6.2 MIBEL SPEL Base Load Futures (FTB) (cont.)

Endesa Generación, S.A.U performs liquidity provider operations in the two front months each moment listed for trading on the "FTB..." contracts.

Axpo Iberia, S.L. performs liquidity provider operations in the front year and the two front quarters each moment listed for trading on the "FTB..." contracts.

EDF Trading Limited performs liquidity provider operations in the second year each moment listed for trading on the "FTB..." contracts.

Endesa Generación, S.A.U realiza operaciones de proveedores de liquidez en los dos meses más cercanos a cada momento listados para negociación en los contratos "FTB..."

Axpo Iberia, S.L. realiza operaciones de proveedores de liquidez en el primer año y en los dos trimestres más cercanos a cada momento listados para negociación en los contratos "FTB..."

EDF Trading Limited realiza operaciones de proveedores de liquidez en el segundo año más cercano a cada momento listado para negociación en los contratos "FTB..."

Endesa Generación, S.A.U. realiza operações de fornecedores de liquidez nos dois primeiros meses a cada momento listados para negociação nos contratos "FTB..."

Axpo Iberia, S.L. realiza operações de fornecedores de liquidez no primeiro ano e nos dois trimestres mais próximos listados a cada momento para negociação nos contratos "FTB..."

EDF Trading Limited realiza operações de fornecedores de liquidez no segundo ano a cada momento listado para negociação nos contratos "FTB..."