

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

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

Instrument	Nominal Value MWh	Futures (FTB)																Forwards (FWB)		Swaps (SWB)	
		Market Total (excl. OTC)																			
		Auction		Trading Session		Closing Orders		Settlement ⁽¹⁾		Buy+Sell											
		Eq. €/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 Sa17Nov-18	24								61,07	0,01											
FTB D Su18Nov-18	24						52,00		55,43	0,69											
FTB D Mo19Nov-18	24								66,95	n.a.											
FTB D Tu20Nov-18	24								67,96	n.a.											
FTB D We21Nov-18	24								68,11	n.a.											
FTB D Th22Nov-18	24								68,19	n.a.											
FTB D Fr23Nov-18	24								67,38	n.a.											
FTB D Sa24Nov-18	24								62,58	n.a.											
FTB D Su25Nov-18	24								55,58	n.a.											
FTB WE 17Nov-18	48								58,25	0,35											
FTB WE 24Nov-18	48								59,08	n.a.											
FTB Wk47-18	168						61,00		65,25	0,75											
FTB Wk48-18	168								66,50	-0,50											
FTB Wk49-18	168								66,85	0,65											
FTB M Dec-18	744		65,75	66,60	65,75	66,60	66,10	66,70	66,60	0,65		5	3720	10			1149				
FTB M Jan-19	744						64,30	66,40	65,35	0,30							30				
FTB M Feb-19	672								62,65	-0,16											
FTB M Mar-19	743								59,51	-0,15											
FTB M Apr-19	720								49,34	0,00											
FTB M May-19	744								58,98	0,00											
FTB Q1-19	2159						61,25	63,25	62,50	0,00							141				
FTB Q2-19	2184						56,75	58,75	57,75	0,00							21				
FTB Q3-19	2208								63,61	0,00											
FTB Q4-19	2209								64,11	0,00											
FTB Q1-20	2183								54,94	0,50											
FTB Q2-20	2184								50,76	0,46											
FTB Q3-20	2208								55,92	0,52											
FTB YR-19	8760			62,00	62,00	62,00	61,00	62,50	62,00	0,00		1	8760	2		1	404				
FTB YR-20	8784			54,50	54,50	54,50			54,50	0,50		1	8784	2			105				
FTB YR-21	8760						50,55		51,50	0,50							20				
FTB YR-22	8760								49,20	0,50							1				
FTB YR-23	8760								47,60	0,50							1				

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

1.2 MIBEL SPEL Peak Load (FTK)

Instrument	Nominal Value	Futures (FTK)										Market Total (excl. OTC)				
		Auction		Trading Session		Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			Open Interest
		Eq.	Open	High	Low	Last	Bid	Ask	Price				Fin.	Phys.	OTC	
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FTK D Mo19Nov-18	12								72,68	n.a.						
FTK D Tu20Nov-18	12								72,34	n.a.						
FTK D We21Nov-18	12								72,11	n.a.						
FTK D Th22Nov-18	12								71,54	n.a.						
FTK D Fr23Nov-18	12								71,83	n.a.						
FTK Wk47-18	60								72,10	0,83						
FTK Wk48-18	60								73,46	-0,55						
FTK Wk49-18	60								74,51	0,72						
FTK M Dec-18	252								74,23	0,72						
FTK M Jan-19	276								72,51	0,33						
FTK M Feb-19	240								69,55	-0,19						
FTK M Mar-19	252								66,12	-0,18						
FTK M Apr-19	264								53,28	0,00						
FTK M May-19	276								62,52	0,00						
FTK Q1-19	768								69,49	0,00						
FTK Q2-19	780								61,22	0,00						
FTK Q3-19	792								68,27	0,00						
FTK Q4-19	792								68,81	0,00						
FTK Q1-20	780								59,31	0,54						
FTK Q2-20	780								54,83	0,50						
FTK Q3-20	792								60,40	0,56						
FTK YR-19	3132								66,95	0,00						
FTK YR-20	3144								58,87	0,54						
FTK YR-21	3132								55,62	0,54						
FTK YR-22	3120								53,13	0,54						
FTK YR-23	3120								51,41	0,54						

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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.				
FPB D Sa17Nov-18	24								61,07	-0,15								SPB D Sa17Nov-18	2,4		
FPB D Su18Nov-18	24								55,43	0,53								SPB D Su18Nov-18	2,4		
FPB D Mo19Nov-18	24								66,38	n.a.								SPB D Mo19Nov-18	2,4		
FPB D Tu20Nov-18	24								67,48	n.a.								SPB D Tu20Nov-18	2,4		
FPB D We21Nov-18	24								67,76	n.a.								SPB D We21Nov-18	2,4		
FPB D Th22Nov-18	24								67,94	n.a.								SPB D Th22Nov-18	2,4		
FPB D Fr23Nov-18	24								66,81	n.a.								SPB D Fr23Nov-18	2,4		
FPB D Sa24Nov-18	24								62,41	n.a.								SPB D Sa24Nov-18	2,4		
FPB D Su25Nov-18	24								57,29	n.a.								SPB D Su25Nov-18	2,4		
FPB WE 17Nov-18	48								58,25	0,19								SPB WE 17Nov-18	4,8		
FPB WE 24Nov-18	48								59,85	n.a.								SPB WE 24Nov-18	4,8		
FPB Wk47-18	168								65,15	0,75								SPB Wk47-18	16,8		
FPB Wk48-18	168								66,19	-0,50								SPB Wk48-18	16,8		
FPB Wk49-18	168								66,00	0,65								SPB Wk49-18	16,8		
FPB M Dec-18	744								65,75	0,65							665	SPB M Dec-18	74,4		
FPB M Jan-19	744								64,03	0,30								SPB M Jan-19	74,4		
FPB M Feb-19	672								61,40	-0,16								SPB M Feb-19	67,2		
FPB M Mar-19	743								58,33	-0,15								SPB M Mar-19	74,3		
FPB M Apr-19	720								49,68	0,00								SPB M Apr-19	72,0		
FPB M May-19	744								59,32	0,00								SPB M May-19	74,4		
FPB Q1-19	2159								61,25	0,00							100	SPB Q1-19	215,9		
FPB Q2-19	2184								59,02	0,00								SPB Q2-19	218,4		
FPB Q3-19	2208								62,94	0,00								SPB Q3-19	220,8		
FPB Q4-19	2209								63,86	0,00								SPB Q4-19	220,9		
FPB Q1-20	2183								54,97	0,50								SPB Q1-20	218,3		
FPB Q2-20	2184								50,79	0,46								SPB Q2-20	218,4		
FPB Q3-20	2208								55,95	0,52								SPB Q3-20	220,8		
FPB YR-19	8760								61,78	0,00							150	SPB YR-19	876,0		
FPB YR-20	8784								54,53	0,50								SPB YR-20	878,4		
FPB YR-21	8760								51,53	0,50								SPB YR-21	876,0		
FPB YR-22	8760								49,23	0,50								SPB YR-22	876,0		
FPB YR-23	8760								47,63	0,50								SPB YR-23	876,0		

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

1.4 MIBEL SPEL Solar Load (FTS)

Instrument	Nominal Value	Futures (FTS)														
		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
	MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FTS D Sa17Nov-18	2,72								61,65	0,05						
FTS D Su18Nov-18	2,72								56,01	1,35						
FTS D Mo19Nov-18	2,72								70,34	n.a.						
FTS D Tu20Nov-18	2,72								71,35	n.a.						
FTS D We21Nov-18	2,72								70,74	n.a.						
FTS D Th22Nov-18	2,72								70,56	n.a.						
FTS D Fr23Nov-18	2,72								70,43	n.a.						
FTS D Sa24Nov-18	2,72								63,17	n.a.						
FTS D Su25Nov-18	2,72								55,50	n.a.						
FTS WE 17Nov-18	5,44								58,83	0,70						
FTS WE 24Nov-18	5,44								59,34	n.a.						
FTS Wk47-18	19,04								67,44	0,78						
FTS Wk48-18	18,3								68,74	-0,52						
FTS Wk49-18	16,45								69,10	0,67						
FTS M Dec-18	72,85								68,84	0,67						
FTS M Jan-19	82,46								67,54	0,31						
FTS M Feb-19	108,36								63,94	-0,11						
FTS M Mar-19	143,53								61,43	-0,10						
FTS M Apr-19	169,5								50,32	0,00						
FTS M May-19	213,9								60,15	0,00						
FTS Q1-19	334,35								63,75	0,00						
FTS Q2-19	602,4								58,98	0,00						
FTS Q3-19	619,19								65,75	0,00						
FTS Q4-19	277,52								66,27	0,00						
FTS Q1-20	334,35								55,78	0,51						
FTS Q2-20	602,4								51,52	0,47						
FTS Q3-20	619,19								56,77	0,53						
FTS YR-19	1833,46								63,24	0,00						
FTS YR-20	1837,33								55,33	0,51						
FTS YR-21	1833,46								52,02	0,51						
FTS YR-22	1833,46								49,44	0,50						
FTS YR-23	1833,46								47,60	0,50						

1.5 German DEEL Base Load (FDB)

Instrument	Nominal Value	Futures (FDB)															
		Auction		Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)						
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Buy+Sell			
														Fin.	Phys.	OTC	Open Interest
	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
FDB D Sa17Nov-18	24								48,21	-2,40							
FDB D Su18Nov-18	24								50,49	2,60							
FDB D Mo19Nov-18	24								54,13	n.a.							
FDB D Tu20Nov-18	24								56,62	n.a.							
FDB D We21Nov-18	24								65,62	n.a.							
FDB D Th22Nov-18	24								78,78	n.a.							
FDB D Fr23Nov-18	24								76,78	n.a.							
FDB D Sa24Nov-18	24								56,39	n.a.							
FDB D Su25Nov-18	24								59,05	n.a.							
FDB WE 17Nov-18	48								49,35	0,10							
FDB WE 24Nov-18	48								57,72	n.a.							
FDB Wk47-18	168								63,91	0,91							
FDB Wk48-18	168								72,10	0,27							
FDB Wk49-18	168								69,83	-0,03							
FDB M Dec-18	744								58,95	-0,38							
FDB M Jan-19	744								64,42	-0,28							
FDB M Feb-19	672								62,98	0,32							
FDB M Mar-19	743								51,48	-0,45							
FDB M Apr-19	720								49,66	-0,37							
FDB M May-19	744								44,85	-0,32							
FDB Q1-19	2159								59,52	-0,15							
FDB Q2-19	2184								47,60	-0,29							
FDB Q3-19	2208								48,31	-0,07							
FDB Q4-19	2209								52,97	-0,85							
FDB Q1-20	2183								55,24	-0,50							
FDB Q2-20	2184								43,95	-0,70							
FDB Q3-20	2208								44,55	-0,70							
FDB YR-19	8760								52,07	-0,34							
FDB YR-20	8784								48,58	-0,68							
FDB YR-21	8760								47,21	-0,71							
FDB YR-22	8760								48,30	-0,68							
FDB YR-23	8760								49,00	-0,88							

1.6 French FREL Base Load (FFB)

		Futures (FFB)																
Instrument	Nominal Value														Market Total (excl. OTC)			
		Auction		Trading Session			Closing Orders		Settlement				Buy+Sell		OTC	Open Interest		
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.			Phys.	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.			#cont.	
FFB D Sa17Nov-18	24								60,27	-3,73								
FFB D Su18Nov-18	24								59,23	2,03								
FFB D Mo19Nov-18	24								73,03	n.a.								
FFB D Tu20Nov-18	24								84,50	n.a.								
FFB D We21Nov-18	24								111,89	n.a.								
FFB D Th22Nov-18	24								112,07	n.a.								
FFB D Fr23Nov-18	24								107,76	n.a.								
FFB D Sa24Nov-18	24								87,18	n.a.								
FFB D Su25Nov-18	24								71,41	n.a.								
FFB WE 17Nov-18	48								59,75	-0,85								
FFB WE 24Nov-18	48								79,30	n.a.								
FFB Wk47-18	168								92,55	5,42								
FFB Wk48-18	168								100,58	-0,42								
FFB Wk49-18	168								95,28	2,28								
FFB M Dec-18	744								81,43	-0,23								
FFB M Jan-19	744								82,63	2,07								
FFB M Feb-19	672								79,34	-0,12								
FFB M Mar-19	743								60,30	-1,20								
FFB M Apr-19	720								54,44	0,01								
FFB M May-19	744								45,63	0,00								
FFB Q1-19	2159								73,92	0,26								
FFB Q2-19	2184								48,10	-0,10								
FFB Q3-19	2208								48,26	-0,09								
FFB Q4-19	2209								61,09	-0,81								
FFB Q1-20	2183								63,19	-0,13								
FFB Q2-20	2184								43,01	-0,11								
FFB Q3-20	2208								43,15	-0,10								
FFB YR-19	8760								57,78	-0,19								
FFB YR-20	8784								51,66	-0,20								
FFB YR-21	8760								49,27	-0,08								
FFB YR-22	8760								50,10	0,25								
FFB YR-23	8760								50,10	0,25								

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 Sa17Nov-18	1								25,98	-0,01							
FGE D Su18Nov-18	1								25,97	0,12							
FGE D Mo19Nov-18	1								25,10	n.a.							
FGE D Tu20Nov-18	1								27,51	n.a.							
FGE D We21Nov-18	1								27,51	n.a.							
FGE D Th22Nov-18	1								27,51	n.a.							
FGE D Fr23Nov-18	1								27,51	n.a.							
FGE D Sa24Nov-18	1								27,51	n.a.							
FGE D Su25Nov-18	1								27,51	n.a.							
FGE WE 17Nov-18	2								25,98	0,06							
FGE WkDs47-18	5								27,03	-0,48							
FGE WE 24Nov-18	2								27,51	0,00							
FGE WkDs48-18	5								27,51	0,00							
FGE WE 01Dec-18	2								28,07	0,02							
FGE WkDs49-18	5								28,07	0,02							
FGE WE 08Dec-18	2								28,07	0,02							
FGE BoM D+1 Calendar Day	14								27,12	n.a.							
FGE M Dec-18	31								28,07	0,02							
FGE M Jan-19	31								28,90	0,57							
FGE M Feb-19	28								29,17	0,07							
FGE Q1-19	90								29,10	0,45							200
FGE Q2-19	91								24,08	0,00							100
FGE Q3-19	92								23,92	0,00							
FGE Q4-19	92								26,15	-0,08							
FGE Sum-19	183								24,00	0,00							
FGE Win-19	183								27,03	0,34							
FGE Sum-20	183								21,71	0,24							
FGE YR-19	365								25,80	0,09							875
FGE YR-20	366								23,34	0,34							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	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
OEB C M Dec-18 64	744								3,27	n.a.								
OEB C M Dec-18 65	744								2,58	n.a.								
OEB C M Dec-18 66	744								1,99	n.a.								
OEB C M Dec-18 67	744								1,50	n.a.								
OEB C M Dec-18 68	744								1,09	n.a.								
OEB C M Dec-18 69	744								0,77	n.a.								
OEB C M Dec-18 70	744								0,53	n.a.								
OEB C M Dec-18 71	744								0,36	n.a.								
OEB C M Dec-18 72	744								0,23	n.a.								
OEB C M Dec-18 73	744								0,15	n.a.								
OEB C M Dec-18 74	744								0,09	n.a.								
OEB C M Dec-18 75	744								0,05	n.a.								
OEB C M Dec-18 76	744								0,03	n.a.								
OEB C M Dec-18 77	744								0,02	n.a.								
OEB C M Dec-18 78	744								0,01	n.a.								
OEB P M Dec-18 74	744								7,49	n.a.								
OEB P M Dec-18 73	744								6,55	n.a.								
OEB P M Dec-18 72	744								5,63	n.a.								
OEB P M Dec-18 71	744								4,76	n.a.								
OEB P M Dec-18 70	744								3,93	n.a.								
OEB P M Dec-18 69	744								3,17	n.a.								
OEB P M Dec-18 68	744								2,49	n.a.								
OEB P M Dec-18 67	744								1,90	n.a.								
OEB P M Dec-18 66	744								1,39	n.a.								

OEB P M Dec-18 65	744	0,98	n.a.
OEB P M Dec-18 64	744	0,67	n.a.
OEB P M Dec-18 63	744	0,43	n.a.
OEB P M Dec-18 62	744	0,26	n.a.
OEB P M Dec-18 61	744	0,15	n.a.
OEB C M Jan-19 66	744	2,44	n.a.
OEB C M Jan-19 67	744	2,03	n.a.
OEB C M Jan-19 68	744	1,67	n.a.
OEB C M Jan-19 69	744	1,36	n.a.
OEB P M Jan-19 65	744	2,56	n.a.
OEB P M Jan-19 64	744	2,09	n.a.
OEB P M Jan-19 63	744	1,68	n.a.
OEB P M Jan-19 62	744	1,32	n.a.

1.8.2 Quarter Futures Options

		Futures Options (OEB)															
Instrument	Nominal Value												Market Total (excl. OTC)				
		Auction		Trading Session			Closing Orders		Settlement				Buy+Sell				
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Fin.	Phys.	OTC	Open Interest
	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C Q1-19 59	2159								4,23	n.a.							
OEB C Q1-19 60	2159								3,52	n.a.							
OEB C Q1-19 61	2159								2,88	n.a.							
OEB C Q1-19 62	2159								2,32	n.a.							
OEB C Q1-19 63	2159								1,84	n.a.							
OEB C Q1-19 64	2159								1,43	n.a.							
OEB C Q1-19 65	2159								1,09	n.a.							
OEB C Q1-19 66	2159								0,82	n.a.							
OEB C Q1-19 67	2159								0,60	n.a.							
OEB C Q1-19 68	2159								0,44	n.a.							
OEB C Q1-19 69	2159								0,31	n.a.							
OEB C Q1-19 70	2159								0,22	n.a.							
OEB C Q1-19 71	2159								0,15	n.a.							
OEB C Q1-19 72	2159								0,10	n.a.							
OEB P Q1-19 68	2159								5,94	n.a.							
OEB P Q1-19 67	2159								5,10	n.a.							
OEB P Q1-19 66	2159								4,32	n.a.							
OEB P Q1-19 65	2159								3,59	n.a.							
OEB P Q1-19 64	2159								2,93	n.a.							
OEB P Q1-19 63	2159								2,34	n.a.							
OEB P Q1-19 62	2159								1,82	n.a.							
OEB P Q1-19 61	2159								1,38	n.a.							
OEB P Q1-19 60	2159								1,02	n.a.							
OEB P Q1-19 59	2159								0,73	n.a.							
OEB P Q1-19 58	2159								0,50	n.a.							
OEB P Q1-19 57	2159								0,33	n.a.							
OEB P Q1-19 56	2159								0,21	n.a.							

OEB C Q2-19 54	2184	5,90	n.a.
OEB C Q2-19 55	2184	5,29	n.a.
OEB C Q2-19 56	2184	4,73	n.a.
OEB C Q2-19 57	2184	4,21	n.a.
OEB C Q2-19 58	2184	3,73	n.a.
OEB P Q2-19 55	2184	2,54	n.a.
OEB P Q2-19 54	2184	2,14	n.a.
OEB P Q2-19 53	2184	1,79	n.a.
OEB P Q2-19 52	2184	1,48	n.a.
OEB P Q2-19 51	2184	1,20	n.a.
OEB P Q2-19 50	2184	0,96	n.a.

1.8.3 Year Futures Options

Instrument	Nominal Value	Futures Options (OEB)															
		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.
OEB C 4 YR-19 49	8760								13,00	n.a.							
OEB C 4 YR-19 50	8760								12,00	n.a.							
OEB C 4 YR-19 51	8760								11,00	n.a.							
OEB C 4 YR-19 52	8760								10,01	n.a.							
OEB C 4 YR-19 53	8760								9,01	n.a.							
OEB C 4 YR-19 54	8760								8,03	n.a.							
OEB C 4 YR-19 55	8760								7,05	n.a.							
OEB C 4 YR-19 56	8760								6,10	n.a.							
OEB C 4 YR-19 57	8760								5,18	n.a.							
OEB C 4 YR-19 58	8760								4,31	n.a.							
OEB C 4 YR-19 59	8760								3,51	n.a.							
OEB C 4 YR-19 60	8760								2,78	n.a.							
OEB C 4 YR-19 61	8760								2,15	n.a.							
OEB C 4 YR-19 62	8760								1,61	n.a.							
OEB C 4 YR-19 63	8760								1,17	n.a.							
OEB C 4 YR-19 64	8760								0,83	n.a.							
OEB C 4 YR-19 65	8760								0,57	n.a.							
OEB P 4 YR-19 61	8760								1,15	n.a.							
OEB P 4 YR-19 60	8760								0,78	n.a.							
OEB P 4 YR-19 59	8760								0,51	n.a.							
OEB P 4 YR-19 58	8760								0,31	n.a.							
OEB P 4 YR-19 57	8760								0,18	n.a.							
OEB P 4 YR-19 56	8760								0,10	n.a.							
OEB P 4 YR-19 55	8760								0,05	n.a.							
OEB P 4 YR-19 54	8760								0,02	n.a.							
OEB P 4 YR-19 53	8760								0,01	n.a.							
OEB P 4 YR-19 52	8760								0,00	n.a.							
OEB P 4 YR-19 51	8760								0,00	n.a.							
OEB P 4 YR-19 50	8760								0,00	n.a.							
OEB P 4 YR-19 49	8760								0,00	n.a.							
OEB P 4 YR-19 48	8760								0,00	n.a.							
OEB P 4 YR-19 47	8760								0,00	n.a.							
OEB P 4 YR-19 46	8760								0,00	n.a.							
OEB P 4 YR-19 45	8760								0,00	n.a.							

1.9 FTR Baseload (FTR)

Instrument	Nominal Value	Financial Transmission Rights (FTR)															
		Auction		Trading Session			Closing Orders		Settlement		Market Total (excl. OTC)						
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Continuous	Energy	Buy+Sell			
		MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	Open Interest #cont.
FTR E-P M Dec-18	744								0,00	n.a.							500
FTR P-E M Dec-18	744								0,00	n.a.							500
FTR E-P M Jan-19	744								0,00	n.a.							
FTR P-E M Jan-19	744								0,00	n.a.							
FTR E-P M Feb-19	672								0,00	n.a.							
FTR P-E M Feb-19	672								0,00	n.a.							

1.10 Index / Índices / Índices

Day	Iberian								Non-Iberian		
	PTEL Index		SPEL Index		Spread PTEL/SPEL		FTR Index		SPEL Solar Index	(German) DEEL Index	(French) FRE Index
	Base	Peak	Base	Peak	Base	Peak	E-P	P-E	Solar	Base	Base
16-11-2018	64,55	68,94	64,55	68,94	0,00	0,00	0,00	0,00	68,53	57,77	67,30
17-11-2018	61,07		61,07		0,00	0,00	0,00	0,00	61,65	48,21	60,27

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

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

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

CET (Central European Time)

2.2 Members / Miembros / Membros

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

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

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

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

3. Fees / Tarifas / Preçário:

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

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

Units: Euro/MWh

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

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

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

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

Units: Euro/MWh

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

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

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

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

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

Unit: Euro/MWh

* Bilateral Transaction registered in OMIClear through OMIP Derivatives Market.

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

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

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

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

Unit: Euro

⁽¹⁾ For Own Account and Third Parties Account

⁽²⁾ For Third Parties Account

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

⁽⁴⁾ Up to a maximum 12.000 EUR

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

Unit: Euro

4. Rules / Reglas / Regras

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

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

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

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

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

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

5. Operational Limits

5.1. Parameters of the Order Transaction Ratio

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

5.2 Positions Limits

	Venue Product Code		Instrument Code	New & Illiquid	Spot Month			Other Months			Description
	Limit Group	Unit		New & Illiquid Art 15 1.a)	Deliverable Supply	Spot Month Limit Factor	Spot Month Applicable Limit	Limit Group Total Open Interest (2 sides)	Other Months Factor	Other Months Applicable Limit	
Power	SPEL Base	MWh	FTB / FWB / SWB	FALSE	80.089.930	0,25	20.022.483	17.679.933	0,35	6.187.977	Spain Base Load
	SPEL Peak	MWh	FTK	TRUE	n.a.	n.a.	900.000	n.a.	n.a.	900.000	Spain Peak Load
	PTEL Base	MWh	FPB / SPB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Portugal Base Load
	SPEL Solar	MWh	FTS	TRUE	n.a.	n.a.	593.250	n.a.	n.a.	593.250	Spain Solar Load
	DEEL Base	MWh	FDB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Phelix Base Load
	FREL Base	MWh	FFB	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	France Base Load
	IFTR E-P Base	MWh	FTR E-P	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights E-P
	IFTR P-E Base	MWh	FTR P-E	TRUE	n.a.	n.a.	1.800.000	n.a.	n.a.	1.800.000	Interconnection: Financial Transmission Rights P-E
NG	PVB-ES	MWh	FGE	TRUE	n.a.	n.a.	9.000.000	n.a.	n.a.	9.000.000	Spanish Virtual Balancing Point (PVB-ES)

5.3. Volume Limits per Order (nº of contracts)

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

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

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

6.1 MIBEL SPEL Base Load Futures (FTB)

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

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

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

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

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

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

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

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

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

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

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

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

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

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