

**1. Market Data / Datos de la Sesión / Dados da Sessão**
**1.1 MIBEL SPEL Base Load (FTB / FWB / SWB)**

Instrument	Nominal Value MWh	Futures (FTB)										Market Total (excl. OTC)				Forwards (FWB)		Swaps (SWB)		
		Auction		Trading Session			Closing Orders		Settlement (1)			Buy+Sell				OTC	Open Interest	OTC	Open Interest	
		Eq. €/MWh	Open €/MWh	High €/MWh	Low €/MWh	Last €/MWh	Bid €/MWh	Ask €/MWh	Price €/MWh	Change €/MWh	Auction #cont.	Continuous #cont.	Energy MWh	Fin. #cont.	Phys. #cont.					OTC #cont.
FTB D We26Sep-18	24								71,12	3,51										
FTB D Th27Sep-18	24								71,63	3,93										
FTB D Fr28Sep-18	24								72,48	5,64										
FTB D Sa29Sep-18	24								72,58	10,81										
FTB D Su30Sep-18	24								65,18	10,82										
FTB WE 29Sep-18	48								68,88	10,81										
FTB Wk40-18	168								69,38	1,13										
FTB Wk41-18	168								69,00	-0,25										
FTB Wk42-18	168								70,00	-2,50										
FTB M Oct-18	745		73,10	73,10	72,60	72,60	71,35	72,55	71,95	-0,55		25	18625	50					79	
FTB M Nov-18	720		75,65	75,65	75,45	75,45	74,40	75,60	74,75	-0,25		20	14400	40					65	
FTB M Dec-18	744								75,53	-0,19									5	
FTB M Jan-19	744								72,76	-0,13										
FTB M Feb-19	672								68,88	-0,12										
FTB M Mar-19	743								64,99	-0,11										
FTB Q4-18	2209						73,50	75,50	74,07	-0,33									1081	
FTB Q1-19	2159						68,00	69,50	68,88	-0,12									87	
FTB Q2-19	2184								54,26	-1,01									5	
FTB Q3-19	2208								59,43	-1,11										
FTB Q4-19	2209								60,94	-1,14										
FTB Q1-20	2183								61,50	0,16										
FTB Q2-20	2184								48,45	-0,68										
FTB YR-19	8760		61,35	61,35	61,35	61,35	60,30	61,50	60,85	-0,85		1	8760	2					328	
FTB YR-20	8784								55,00	-0,52							1		80	
FTB YR-21	8760						50,00	51,00	50,25	-0,50									17	
FTB YR-22	8760								49,75	-0,25										
FTB YR-23	8760								49,50	0,50										

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

## 1.2 MIBEL SPEL Peak Load (FTK)

Instrument	Nominal Value MWh	Futures (FTK)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			Open Interest #cont.
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FTK D We26Sep-18	12								74,15	1,16							
FTK D Th27Sep-18	12								76,23	3,15							
FTK D Fr28Sep-18	12								77,08	4,86							
FTK Wk40-18	60								76,35	1,25							
FTK Wk41-18	60								75,93	-0,27							
FTK Wk42-18	60								77,02	-2,75							
FTK M Oct-18	276								79,17	-0,60							
FTK M Nov-18	264								82,28	-0,27							
FTK M Dec-18	252								83,14	-0,19							
FTK M Jan-19	276								81,29	-0,14							
FTK M Feb-19	240								76,92	-0,13							
FTK M Mar-19	252								72,57	-0,13							
FTK Q4-18	792								81,47	-0,36							
FTK Q1-19	768								77,06	-0,14							
FTK Q2-19	780								60,80	-1,13							
FTK Q3-19	792								66,56	-1,24							
FTK Q4-19	792								68,30	-1,28							
FTK Q1-20	780								68,36	0,18							
FTK Q2-20	780								53,98	-0,76							
FTK YR-19	3132								68,14	-0,95							
FTK YR-20	3144								60,46	-0,58							
FTK YR-21	3132								55,90	-0,56							
FTK YR-22	3120								55,35	-0,28							
FTK YR-23	3120								55,06	0,55							

## 1.3 MIBEL PTEL Base Load (FPB)

Instrument	Futures (FPB)																Mini Swaps (SPB)			
	Nom. Value	Market Total (excl. OTC)										Instrument	Nom. Value	OTC						
		Auction		Trading Session			Closing Orders		Settlement (1)					Buy+Sell				#cont.	#cont.	
MWh	Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	Auction	Conti.	Energy	Fin.	Phys.	OTC	Open Interest	MWh			#cont.
	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.		#cont.	#cont.	
FPB D We26Sep-18	24							71,12	3,16								SPB D We19Sep-18	2,4		
FPB D Th27Sep-18	24							71,86	3,81								SPB D Th20Sep-18	2,4		
FPB D Fr28Sep-18	24							72,71	5,52								SPB D Fr21Sep-18	2,4		
FPB D Sa29Sep-18	24							72,81	10,69								SPB D Sa22Sep-18	2,4		
FPB D Su30Sep-18	24							65,41	10,70								SPB D Su23Sep-18	2,4		
FPB WE 29Sep-18	48							69,11	10,69								SPB D Tu18Sep-18	4,8		
FPB Wk40-18	168							69,29	1,13								SPB Wk40-18	16,8		
FPB Wk41-18	168							68,91	-0,25								SPB Wk41-18	16,8		
FPB Wk42-18	168							69,91	-2,50								SPB Wk42-18	16,8		
FPB M Oct-18	745							71,86	-0,55								SPB M Oct-18	74,5		
FPB M Nov-18	720							74,65	-0,25								SPB M Nov-18	72,0		
FPB M Dec-18	744							74,68	-0,19								SPB M Dec-18	74,4		
FPB M Jan-19	744							71,44	-0,13								SPB M Jan-19	74,4		
FPB M Feb-19	672							67,63	-0,12								SPB M Feb-19	67,2		
FPB M Mar-19	743							63,81	-0,11								SPB M Mar-19	74,3		
FPB Q4-18	2209							73,72	-0,33						665		SPB Q4-18	220,9		
FPB Q1-19	2159							67,63	-0,12						100		SPB Q1-19	215,9		
FPB Q2-19	2184							54,60	-1,01								SPB Q2-19	218,4		
FPB Q3-19	2208							59,80	-1,11								SPB Q3-19	220,8		
FPB Q4-19	2209							61,34	-1,14								SPB Q4-19	220,9		
FPB Q1-20	2183							61,53	0,16								SPB Q1-20	218,3		
FPB Q2-20	2184							48,48	-0,68								SPB Q2-20	218,4		
FPB YR-19	8760							60,82	-0,85							150	SPB YR-19	876,0		
FPB YR-20	8784							54,36	-0,52								SPB YR-20	878,4		
FPB YR-21	8760							50,28	-0,50								SPB YR-21	876,0		
FPB YR-22	8760							49,78	-0,25								SPB YR-22	876,0		
FPB YR-23	8760							49,53	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 MWh	Futures (FTS)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement			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.
FTS D We26Sep-18	5,46							73,67	1,11								
FTS D Th27Sep-18	5,46							75,78	3,13								
FTS D Fr28Sep-18	5,46							76,63	4,84								
FTS D Sa29Sep-18	5,46							75,94	10,81								
FTS D Su30Sep-18	5,46							67,50	10,82								
FTS WE 29Sep-18	10,92							71,72	10,81								
FTS Wk40-18	27,79							74,60	1,22								
FTS Wk41-18	27,79							74,19	-0,27								
FTS Wk42-18	27,79							75,26	-2,69								
FTS M Oct-18	123,07							77,36	-0,59								
FTS M Nov-18	81,6							80,37	-0,27								
FTS M Dec-18	72,85							81,87	-0,08								
FTS M Jan-19	82,46							79,11	-0,14								
FTS M Feb-19	108,36							74,88	-0,13								
FTS M Mar-19	143,53							70,62	-0,12								
FTS Q4-18	277,52							79,43	-0,36								
FTS Q1-19	334,35							74,09	-0,13								
FTS Q2-19	602,4							59,81	-1,02								
FTS Q3-19	619,19							65,47	-1,12								
FTS Q4-19	277,52							67,16	-1,15								
FTS Q1-20	334,35							66,11	0,17								
FTS Q2-20	602,4							52,10	-0,73								
FTS YR-19	1833,46							65,44	-0,91								
FTS YR-20	1837,33							58,44	-0,56								
FTS YR-21	1833,46							54,05	-0,54								
FTS YR-22	1833,46							53,51	-0,27								
FTS YR-23	1833,46							53,25	0,54								

## 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		OTC	Open Interest	
	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.	
FDB D We26Sep-18	24							45,38	-10,29									
FDB D Th27Sep-18	24							55,73	-2,89									
FDB D Fr28Sep-18	24							56,87	-4,63									
FDB D Sa29Sep-18	24							57,67	2,67									
FDB D Su30Sep-18	24							51,67	0,43									
FDB WE 29Sep-18	48							54,67	1,55									
FDB Wk40-18	168							56,25	-1,31									
FDB Wk41-18	168							62,16	-0,56									
FDB Wk42-18	168							63,00	-0,53									
FDB M Oct-18	745							62,11	-1,19									
FDB M Nov-18	720							69,51	-0,95									
FDB M Dec-18	744							59,43	-1,21									
FDB M Jan-19	744							66,97	-1,92									
FDB M Feb-19	672							67,22	-0,03									
FDB M Mar-19	743							55,36	-1,77									
FDB Q4-18	2209							63,62	-1,12									
FDB Q1-19	2159							63,05	-1,28									
FDB Q2-19	2184							49,55	-0,84									
FDB Q3-19	2208							50,18	-1,04									
FDB Q4-19	2209							57,34	-1,09									
FDB Q1-20	2183							56,50	-0,98									
FDB Q2-20	2184							44,94	-0,79									
FDB YR-19	8760							55,00	-1,06									
FDB YR-20	8784							50,23	-0,95									
FDB YR-21	8760							48,30	-0,39									
FDB YR-22	8760							49,63	-0,17									
FDB YR-23	8760							50,28	-0,17									

## 1.6 French FREL Base Load (FFB)

Instrument	Nominal Value €/MWh	Futures (FFB)										Market Total (excl. OTC)					
		Auction		Trading Session			Closing Orders		Settlement		Auction	Continuous	Energy	Buy+Sell			
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change				Fin.	Phys.	OTC	Open Interest
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#cont.	#cont.	#cont.
FFB D We26Sep-18	24								63,64	-1,11							
FFB D Th27Sep-18	24								64,90	-0,35							
FFB D Fr28Sep-18	24								62,75	-2,49							
FFB D Sa29Sep-18	24								65,62	-1,03							
FFB D Su30Sep-18	24								52,14	-0,81							
FFB WE 29Sep-18	48								58,88	-0,92							
FFB Wk40-18	168								66,63	-1,87							
FFB Wk41-18	168								71,25	0,25							
FFB Wk42-18	168								72,88	-1,50							
FFB M Oct-18	745								72,66	-0,61							
FFB M Nov-18	720								86,54	-2,17							
FFB M Dec-18	744								82,30	-3,04							
FFB M Jan-19	744								85,34	-0,66							
FFB M Feb-19	672								80,73	-2,30							
FFB M Mar-19	743								65,79	-1,89							
FFB Q4-18	2209								80,43	-1,94							
FFB Q1-19	2159								77,18	-1,59							
FFB Q2-19	2184								49,46	-0,85							
FFB Q3-19	2208								49,89	-0,80							
FFB Q4-19	2209								66,98	-1,02							
FFB Q1-20	2183								67,69	-0,87							
FFB Q2-20	2184								43,38	-0,41							
FFB YR-19	8760								60,82	-1,06							
FFB YR-20	8784								53,34	-0,52							
FFB YR-21	8760								50,30	-0,33							
FFB YR-22	8760								50,30	-0,33							
FFB YR-23	8760								50,30	-0,33							

## 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.	
FGE D We26Sep-18	1								29,510	-0,160							
FGE D Th27Sep-18	1								29,650	0,260							
FGE D Fr28Sep-18	1								29,650	0,260							
FGE D Sa29Sep-18	1								29,650	0,260							
FGE D Su30Sep-18	1								29,650	0,260							
FGE WE 29Sep-18	2								29,650	0,260							
FGE WkDs40-18	5								30,070	-0,480							
FGE WE 06Oct-18	2								30,070	-0,480							
FGE WkDs41-18	5								30,070	-0,480							
FGE WE 13Oct-18	2								30,070	-0,480							
FGE WkDs42-18	5								30,070	-0,480							
FGE WE 20Oct-18	2								30,070	-0,480							
FGE BoM D+1 Calendar Day	5								29,622	n.a.							
FGE M Oct-18	31								30,070	-0,480							
FGE M Nov-18	30								31,250	-0,250							
FGE M Dec-18	31								32,964	0,811							
FGE Q4-18	92								31,430	0,030							
FGE Q1-19	90								31,470	-1,143							
FGE Q2-19	91								26,700	0,050							
FGE Q3-19	92								25,686	-0,009							
FGE Win-18	182								31,450	-0,550							
FGE Sum-19	183								26,190	0,020							
FGE Win-19	183								27,452	-0,480							
FGE YR-19	365								28,050	-0,180							875
FGE YR-20	366								24,484	-0,157							625

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 Oct-18 66	745								5,95	n.a.							
OEB C M Oct-18 67	745								4,95	n.a.							
OEB C M Oct-18 68	745								3,95	n.a.							
OEB C M Oct-18 69	745								2,95	n.a.							
OEB C M Oct-18 70	745								1,95	n.a.							
OEB C M Oct-18 71	745								1,00	n.a.							
OEB C M Oct-18 72	745								0,31	n.a.							
OEB C M Oct-18 73	745								0,04	n.a.							
OEB C M Oct-18 74	745								0,00	n.a.							
OEB C M Oct-18 75	745								0,00	n.a.							
OEB C M Oct-18 76	745								0,00	n.a.							
OEB C M Oct-18 77	745								0,00	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								0,00	n.a.							
OEB P M Oct-18 69	745								0,00	n.a.							
OEB P M Oct-18 70	745								0,00	n.a.							
OEB P M Oct-18 71	745								0,05	n.a.							
OEB P M Oct-18 72	745								0,36	n.a.							
OEB C M Nov-18 74	720								2,39	n.a.							
OEB C M Nov-18 75	720								1,88	n.a.							
OEB C M Nov-18 76	720								1,46	n.a.							
OEB C M Nov-18 77	720								1,10	n.a.							



OEB P M Nov-18 73	720	1,23	n.a.
OEB P M Nov-18 72	720	0,89	n.a.
OEB P M Nov-18 71	720	0,62	n.a.
OEB P M Nov-18 70	720	0,42	n.a.

## 1.8.2 Quarter Futures Options

Instrument	Nominal Value €/MWh	Futures Options (OEB)										Market Total (excl. OTC)							
		Auction		Trading Session			Closing Orders		Settlement			Auction		Continuous		Energy		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 Q4-18 56	2209							18,07	n.a.										
OEB C Q4-18 57	2209							17,07	n.a.										
OEB C Q4-18 58	2209							16,07	n.a.										
OEB C Q4-18 59	2209							15,07	n.a.										
OEB C Q4-18 60	2209							14,07	n.a.										
OEB C Q4-18 61	2209							13,07	n.a.										
OEB C Q4-18 62	2209							12,07	n.a.										
OEB C Q4-18 63	2209							11,07	n.a.										
OEB C Q4-18 64	2209							10,07	n.a.										
OEB C Q4-18 65	2209							9,07	n.a.										
OEB C Q4-18 66	2209							8,07	n.a.										
OEB C Q4-18 67	2209							7,07	n.a.										
OEB C Q4-18 68	2209							6,07	n.a.										
OEB C Q4-18 69	2209							5,07	n.a.										
OEB C Q4-18 70	2209							4,07	n.a.										
OEB C Q4-18 71	2209							3,07	n.a.										
OEB C Q4-18 72	2209							2,07	n.a.										
OEB C Q4-18 73	2209							1,07	n.a.										
OEB C Q4-18 74	2209							0,07	n.a.										
OEB C Q4-18 75	2209							0,00	n.a.										
OEB C Q4-18 76	2209							0,00	n.a.										
OEB C Q4-18 77	2209							0,00	n.a.										
OEB C Q4-18 78	2209							0,00	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	10,10	n.a.
OEB C Q1-19 60	2159	9,19	n.a.
OEB C Q1-19 61	2159	8,31	n.a.
OEB C Q1-19 62	2159	7,46	n.a.
OEB C Q1-19 63	2159	6,66	n.a.
OEB C Q1-19 64	2159	5,89	n.a.
OEB C Q1-19 65	2159	5,18	n.a.
OEB C Q1-19 66	2159	4,51	n.a.
OEB C Q1-19 67	2159	3,90	n.a.
OEB C Q1-19 68	2159	3,34	n.a.
OEB C Q1-19 69	2159	2,84	n.a.
OEB C Q1-19 70	2159	2,40	n.a.
OEB C Q1-19 71	2159	2,01	n.a.
OEB C Q1-19 72	2159	1,66	n.a.
OEB P Q1-19 68	2159	2,46	n.a.
OEB P Q1-19 67	2159	2,02	n.a.
OEB P Q1-19 66	2159	1,63	n.a.
OEB P Q1-19 65	2159	1,29	n.a.
OEB P Q1-19 64	2159	1,01	n.a.
OEB P Q1-19 63	2159	0,77	n.a.

OEB P Q1-19 62	2159	0,58	n.a.
OEB P Q1-19 61	2159	0,42	n.a.
OEB P Q1-19 60	2159	0,30	n.a.
OEB P Q1-19 59	2159	0,21	n.a.
OEB P Q1-19 58	2159	0,14	n.a.
OEB P Q1-19 57	2159	0,10	n.a.
OEB P Q1-19 56	2159	0,06	n.a.

## 1.8.3 Year 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	#cont.	#cont.	MWh	#cont.	#cont.	#cont.	#cont.
OEB C 4 YR-19 49	8760								11,90	n.a.							
OEB C 4 YR-19 50	8760								10,93	n.a.							
OEB C 4 YR-19 51	8760								9,97	n.a.							
OEB C 4 YR-19 52	8760								9,03	n.a.							
OEB C 4 YR-19 53	8760								8,12	n.a.							
OEB C 4 YR-19 54	8760								7,24	n.a.							
OEB C 4 YR-19 55	8760								6,41	n.a.							
OEB C 4 YR-19 56	8760								5,61	n.a.							
OEB C 4 YR-19 57	8760								4,87	n.a.							
OEB C 4 YR-19 58	8760								4,18	n.a.							
OEB C 4 YR-19 59	8760								3,56	n.a.							
OEB C 4 YR-19 60	8760								2,99	n.a.							
OEB C 4 YR-19 61	8760								2,49	n.a.							
OEB C 4 YR-19 62	8760								2,05	n.a.							
OEB C 4 YR-19 63	8760								1,67	n.a.							
OEB C 4 YR-19 64	8760								1,35	n.a.							
OEB C 4 YR-19 65	8760								1,07	n.a.							
OEB P 4 YR-19 61	8760								2,64	n.a.							
OEB P 4 YR-19 60	8760								2,14	n.a.							
OEB P 4 YR-19 59	8760								1,71	n.a.							
OEB P 4 YR-19 58	8760								1,33	n.a.							
OEB P 4 YR-19 57	8760								1,02	n.a.							
OEB P 4 YR-19 56	8760								0,76	n.a.							
OEB P 4 YR-19 55	8760								0,55	n.a.							
OEB P 4 YR-19 54	8760								0,39	n.a.							
OEB P 4 YR-19 53	8760								0,27	n.a.							
OEB P 4 YR-19 52	8760								0,18	n.a.							
OEB P 4 YR-19 51	8760								0,11	n.a.							
OEB P 4 YR-19 50	8760								0,07	n.a.							
OEB P 4 YR-19 49	8760								0,04	n.a.							
OEB P 4 YR-19 48	8760								0,02	n.a.							
OEB P 4 YR-19 47	8760								0,01	n.a.							
OEB P 4 YR-19 46	8760								0,01	n.a.							
OEB P 4 YR-19 45	8760								0,00	n.a.							

## 1.9 FTR Baseload (FTR)

Instrument	Nominal Value MWh	Financial Transmission Rights (FTR)											Market Total (excl. OTC)						
		Auction		Trading Session			Closing Orders		Settlement		Auction		Continuous		Energy		Buy+Sell		Open Interest #cont.
		Eq.	Open	High	Low	Last	Bid	Ask	Price	Change	#cont.	#cont.	MWh	Fin.	Phys.	OTC			
		€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	€/MWh	#cont.	#cont.	MWh	#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.								500	
FTR P-E Q4-18	2209								0,00	n.a.								500	

### 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
25-09-2018	68,19	73,62	68,13	73,62	0,06	0,00	0,00	0,06	73,07	62,34	65,31
26-09-2018	71,12	74,15	71,12	74,15	0,00	0,00	0,00	0,00	73,67	45,38	63,64

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

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

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

CET (Central European Time)

**2.2 Members / Miembros / Membros**

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



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

Company	OMIP		OMIClear				
	Trading Member	OTC Broker	Direct Clearing Member	General Clearing Member	Financial Settlement Agent	Physical Settlement Agent Power	Physical Settlement Agent Gas
Iberdrola Comercialización de Último Recurso S.A.U.	X						
Iberdrola Generación España, S.A.U	X		X				X
ICAP Energy. AS	X	X					
ICAP Energy Ltd	X	X					
Ingeniería y Comercialización del Gas S.A.	X						X
Jafplus Energia, Lda.	X						
J. Aron & Company						X	
Kyonynsys Century S.L.U.	X						
Ledesma Comercializadora Eléctrica , S.L.	X						
Mercuria Energy Trading S.A.	X						
Morgan Stanley Bank. AG					X		
Macquarie Bank Limited	X						
Multienergía Verde, S.L.							X
Nexus Energía. S.A.	X					X	X
PH Energia, Lda.	X						
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
Unión Fenosa Gas Comercializadora, S.A.							X
Uniper Global Commodities SE	X		X				
Viesgo Comercializadora de Referencia, S.L.	X					X	
Viesgo Generación, S.L.	X		X			X	
Vertsel Energía, S.L.U.	X						
Viesgo Renovables, S.L	X						
Villar Mir Energía , S.L.U.	X						

### 3. Fees / Tarifas / Preçário:

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

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

Units: Euro/MWh

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

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

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

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

Units: Euro/MWh

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

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

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

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

The Portuguese financial regulator (CMVM), published on December 27<sup>th</sup> 2017 <sup>(\*)</sup> 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](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
<b>FTB M+1</b>	Endesa Generación, S.A.U.
<b>FTB M+2</b>	
<b>FTB Q+1</b>	Axpo Iberia, S.L.
<b>FTB Q+2</b>	
<b>FTB Y+1</b>	
<b>FTB Y+2</b>	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..."