

PRECIOS EN BARRA DEL SEIN, PRECIOS EN BARRA Y PRECIOS EFECTIVOS DE SISTEMAS AISLADOS

TARIFAS EN BARRA (Res. N° 074-2016-OS/CD)
FIJACION AL 01/mayo/2016

ACTUALIZADO AL 04/diciembre/2016 CON REDONDEO

TENSION KV	PPMo S./KW-mes	PEMPo ctm. S./KW/h	PEMFO ctm. S./KW/h
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)			
Zorritos	220	20.09	15.40
Talara	220	20.09	15.74
Piura Oeste	220	20.09	15.82
Chiclayo Oeste	220	20.09	15.74
Carhuazquero	220	20.09	15.49
Carhuazquero	138	20.09	14.59
Cutervo	138	20.09	15.55
Jaen	138	20.09	15.62
Guadalupe	220	20.09	15.73
Guadalupe	60	20.09	15.76
Cajamarca	220	20.09	15.54
Trujillo Norte	220	20.09	15.64
Chimbote 1	220	20.09	15.58
Chimbote 1	138	20.09	15.59
Paramonga Nueva	220	20.09	15.45
Paramonga Nueva	138	20.09	15.44
Paramonga Existente	138	20.09	15.40
Huacho	220	20.09	15.43
Zapallal	220	20.09	15.49
Ventanilla	220	20.09	15.54
Lima	220	20.09	15.58
Cantera	220	20.09	14.96
Chica	220	20.09	14.80
Independencia	220	20.09	15.08
Ica	220	20.09	15.18
Marcona	220	20.09	15.47
Mantaro	220	20.09	14.73
Huayucachi	220	20.09	15.36
Pachachaca	220	20.09	15.18
Pomacocha	220	20.09	15.09
Huancavelica	220	20.09	14.83
Callahuana	220	20.09	15.70
Cajamarquilla	220	20.09	15.64
Huallanca	138	20.09	15.21
Vizcarra	220	20.09	15.45
Tingo Maria	220	20.09	15.73
Aguyaytia	220	20.09	15.80
Aguyaytia	138	20.09	15.85
Aguyaytia	22.9	20.09	15.83
Pucallpa	138	20.09	16.41
Pucallpa	60	20.09	16.43
Aucayacu	138	20.09	15.85
Tocache	138	20.09	15.85
Tingo Maria	138	20.09	15.85
Huánuco	138	20.09	15.59
Paragsha II	138	20.09	15.18
Paragsha	220	20.09	15.14
Yaupi	138	20.09	14.82
Yuncan	138	20.09	14.95
Yuncan	220	20.09	15.00
Oroya Nueva	220	20.09	15.16
Oroya Nueva	138	20.09	15.16
Oroya Nueva	50	20.09	15.17
Carhuamayo	220	20.09	15.06
Carhuamayo Nueva	138	20.09	15.09
Carpa	138	20.09	15.15
Desierto	220	20.09	15.00
Condorcocha	138	20.09	15.18
Condorcocha	44	20.09	15.18
Machupicchu	138	20.09	15.11
Cachimayo	138	20.09	15.64
Cusco	138	20.09	15.70
Combapata	138	20.09	16.02
Tintaya	138	20.09	16.21
Ayaviri	138	20.09	15.94
Azángaro	138	20.09	15.75
San Gabán	138	20.09	15.11
Mazuco	138	20.09	15.25
Puerto Maldonado	138	20.09	15.61
Julica	138	20.09	16.04
Puno	138	20.09	16.02
Puno	220	20.09	15.98
Callalli	138	20.09	16.04
Santuario	138	20.09	15.90
Arequipa	138	20.09	15.97
Socabaya	220	20.09	15.94
Cerro Verde	138	20.09	16.01
Repartición	138	20.09	16.07
Mollendo	138	20.09	16.15
Moquegua	220	20.09	15.88
Moquegua	138	20.09	15.89
Ilo ELS	138	20.09	16.05
Botifalla	138	20.09	16.00
Toquepala	138	20.09	15.98
Aricota	138	20.09	15.87
Aricota	66	20.09	15.80
Tacna (Los Héroes)	220	20.09	16.02
Tacna (Los Héroes)	66	20.09	15.13
La Nina	220	20.09	15.67
Cotaruse	220	20.09	15.29
Carabayllo	220	20.09	15.47
La Ramada	220	20.09	15.44
Lomera	220	20.09	15.47
Asia	220	20.09	14.86
Alto Praderas	220	20.09	14.84
Tintaya Nueva	220	20.09	16.11

Sistemas Aislados - Res. Barra (Cuadro 1) - Precios en Barra			
Adnelsa	MT	22.60	29.26
Chavinmochic	MT	22.60	29.26
Edelnor	MT	22.60	29.26
Eilichica	MT	22.60	29.26
Electro Oriente	MT	22.60	39.74
Electro Sur Este	MT		
Electro Ucayali	MT	22.60	39.82
Electronorte	MT		
Hidrandina	MT	22.60	29.26
Seal	MT	22.60	40.79

Sistemas Aislados - Res. Barra (Cuadro 10) - Precios Efectivos			
Adnelsa	MT	22.60	14.21
Chavinmochic	MT	22.60	14.21
Edelnor	MT	22.60	14.21
Eilichica	MT	22.60	14.21
Electro Oriente	MT	22.60	14.03
Electro Sur Este	MT		
Electro Ucayali	MT	22.60	14.91
Electronorte	MT		
Hidrandina	MT	22.60	11.54
Seal	MT	22.60	11.68

	TENSION KV	PPM		PEMP		PEMF		PCSPT		CPSEE		(PPM+PCSPT)		(PEMP + CPSEE)		(PEMF + CPSEE)		Potencia ctm. S./KW/h	Energía ctm. S./KW/h	Promedio ctm. S./KW
		ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h	ctm. S./KW-mes	ctm. S./KW/h			
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)																				
Zorritos	220	20.09	15.80		14.76		35.998				56.09	15.80		14.76		9.77		14.97	24.72	24.74
Talara	220	20.09	15.74		14.72		35.998				56.09	15.74		14.72		9.77		14.92	24.69	24.69
Piura Oeste	220	20.09	15.82		14.80		35.998				56.09	15.82		14.80		9.77		15.00	24.77	24.77
Chiclayo Oeste	220	20.09	15.74		14.78		35.998				56.09	15.74		14.78		9.77		14.97	24.74	24.74
Carhuazquero	220	20.09	15.49		14.59		35.998				56.09	15.49		14.59		9.77		14.77	24.77	24.77
Carhuazquero	138	20.09	15.49		14.59		35.998				56.09	15.49		14.59		9.77		14.77	24.54	24.54
Cutervo	138	20.09	15.55		14.63		35.998				56.09	15.55		14.63		9.77		14.81	24.58	24.58
Jaen	138	20.09	15.62		14.67		35.998				56.09	15.62		14.67		9.77		14.86	24.63	24.63
Guadalupe	220	20.09	15.73		14.78		35.998				56.09	15.73		14.78		9.77		14.97	24.74	24.74
Guadalupe	60	20.09	15.76		14.80		35.998				56.09	15.76		14.80		9.77		14.99	24.76	24.76
Cajamarca	220	20.09	15.54		14.64		35.998				56.09	15.54		14.64		9.77		14.82	24.59	24.59
Trujillo Norte	220	20.09	15.64		14.72		35.998				56.09	15.64		14.72		9.77		14.90	24.67	24.67
Chimbote 1	220	20.09	15.58		14.68		35.998				56.09	15.58		14.68		9.77		14.86	24.24	24.24
Chimbote 1	138	20.09	15.59		14.69		35.998				56.09	15.59		14.69		9.77		14.87	24.24	24.24
Paramonga Nueva	220	20.09	15.45		14.58		35.998				56.09	15.45		14.58		9.77		14.75	24.52	24.52
Paramonga Nueva	138	20.09	15.44		14.57		35.998				56.09	15.44		14.57		9.77		14.74	24.59	24.59
Paramonga Existente	138	20.09	15.40		14.55		35.998				56.09	15.40		14.55		9.77		14.72	24.24	24.24
Huacho	220	20.09	15.43		14.58		35.998				56.09	15.43		14.58		9.77		14.75	24.59	24.59
Zapallal	220	20.09	15.49		14.61		35.998				56.09	15.49		14.61		9.77		14.79	24.55	24.55
Ventanilla	220	20.09	15.54		14.64		35.998				56.09	15.54		14.64		9.77		14.82	24.59	24.59
Lima	220	20.09	15.58		14.70		35.998				56.09	15.58		14.70		9.77		14.88	24.64	24.64
Cantera	220	20.09	14.96		14.62		35.998				56.09	14.96		14.62		9.77		14.72	24.72	24.72
Chilca	220	20.09	14.80		14.34		35.998				56.09	14.80		14.34		9.77		14.43	24.20	24.20
Independencia	220	20.09	15.08		14.85		35.998				56.09	15.08		14.85		9.77		14.90	24.66	24.66
Ica	220	20.09	15.18		14.87		35.998				56.09	15.18		14.87		9.77		14.93	24.70	24.70
Marcona	220	20.09	15.47		14.75		35.998				56.09	15.47		14.75		9.77		14.89	24.66	24.66
Mantaro	220	20.09	14.73		13.70		35.998				56.09	14.73		13.70		9.77		13.91	23.67	23.67
Huayucachi	220	20.09	15.36		14.30		35.998				56.09	15.36		14.30		9.77		14.51	24.77	24.77
Pachachaca	220	20.09	15.18		14.19		35.998				56.09	15.18		14.19		9.77		14.39	24.16	24.16
Pomacocha	220	20.09	15.09		14.19		35.998				56.09	15.09		14.19		9.77		14.37	24.14	24.14
Huancavelica	220	20.09	14.83		16.05		35.998				56.09	14.83		16.05		9.77		15.81	25.58	25.58
Callahuana	220	20.09	15.70		14.42		35.998				56.09	15.70		14.42		9.77		14.67	24.44	24.44
Cajamarquilla	220	20.09	15.64		14.61		35.998				56.09	15.64		14.61		9.77		14.82	24.72	24.72
Huallanca	138	20.09	15.21		14.38		35.998				56.09	15.21		14.38		9.77		14.55	24.31	24.31
Vizcarra	220	20.09	15.45		14.51		35.998				56.09	15.45		14.51		9.77		14.70	24.27	24.27
Tingo Maria	220	20.09	15.73		14.69		35.998				56.09	15.73		14.69		9.77		14.90	24.67	24.67
Aguyaytia	220	20.09	15.80		14.73		35.998				56.09	15.80		14.73		9.77		14.94	24.71	24.71
Aguyaytia	138	20.09	15.85		14.77		35.998				56.09	15.85		14.77		9.77		14.98	24.75	24.75
Aguyaytia	22.9	20.09	15.83		14.75		35.998				56.09	15.83		14.75		9.77		14.96	24.72	24.72
Pucallpa	138	20.09	16.41		15.18		35.998				56.09	16.41		15.18		9.77		15.42	25.19	25.19
Pucallpa	60	20.09	16.43		15.19		35.998	1.4208			56.09	17.85		16.61		9.77		16.86	26.63	26.63
Aucayacu	138	20.09	15.85		14.74		35.998				56.09	15.85		14.74		9.77		14.96	24.73	24.73
Tocache	138	20.09	15.85		14.74		35.998				56.09	15.85		14.74		9.77		14.96	24.73	24.73
Tingo Maria	138	20.09	15.85		14.74		35.998				56.09	15.85		14.74		9.77		14.96	24.73	24.73
Huánuco	138	20.09	15.59		14.53		35.998				56.09	15.59		14.53		9.77		14.74	24.51	24.51
Paragsha II	138	20.09	15.18		14.24		35.998				56.09	15.18		14.24		9.77		14.43	24.20	24.20
Paragsha	220	20.09	15.14		14.22		35.998				56.09	15.14		14.22		9.77		14.40	24.17	24.17
Yaupi	138	20.09	14.82		13.95		35.998				56.09	14.82		13.95		9.77		14.12	23.89	23.89
Yuncan	138	20.09	14.95		14.05		35.998				56.09	14.95		14.05		9.77		14.23	24.00	24.00
Yuncan	220	20.09	15.00		14.10		35.998				56.09	15.00		14.10		9.77		14.28	24.17	24.17
Oroya Nueva	220	20.09	15.16		14.20		35.998				56.09	15.16		14.20		9.77		14.39	24.16	24.16
Oroya Nueva	138	20.09	15.16		14.21		35.998				56.09	15.16		14.21		9.77		14.40	24.17	24.17
Oroya Nueva	50	20.09	15.17		14.22		35.998				56.09	15.17		14.22		9.77		14.41	24.18	24.18
Carhuamayo	220	20.09	15.06		14.14		35.998				56.09	15.06		14.14		9.77		14.32	24.09	24.09
Carhuamayo Nueva	220	20.09	15.09		14.18		35.998				56.09	15.09		14.18		9.77		14.36	24.12	24.12
Carpa	138	20.09	15.15		14.19		35.998				56.09	15.15		14.19		9.77		14.39	24.15	24.15
Desierto	220	20.09	15.00		14.71		35.998				56.09	15.00		14.71		9.77		14.77	24.54	24.54
Condorcocha	138	20.09	15.18		14.24		35.998				56.09	15.18		14.24		9.77		14.43	24.20	24.20
Condorcocha	44	20.09	15.18		14.24		35.998				56.09	15.18		14.24		9.77		14.43	24.20	24.20
Mochechichu	138	20.09	15.11		13.91		35.998				56.09	15.11		13.91		9.77		14.15	23.92	23.92
Mochechichu	138	20.09	15.64		14.61		35.998				56.09	15.64		14.61		9.77		14.82	24.42	24.42
Cusco	220	20.09	15.70		14.44		35.998				56.09	15.70		14.44		9.77		14.69	24.24	24.24
Combapata	138	20.09	16.02		14.76		35.998				56.09	16.02		14.76		9.77		15.01	24.78	24.78
Tintaya	138	20.09	16.21		15.07		35.998				56.09	16.21		15.07		9.77		15.30	25.07	25.07
Avayiri	138	20.09	15.94		14.83		35.998				56.09	15.94		14.83		9.77		15.05	24.85	24.85
Azángaro	138	20.09	15.75		14.67		35.998				56.09	15.75		14.67		9.77		14.88	24.65	24.65
San Gaban	138	20.09	15.11		14.10		35.998				56.09	15.11		14.10		9.77		14.32	24.07	24.07
Mazuco	138	20.09	15.25		14.19		35.998				56.09	15.25		14.19		9.77		14.40	24.17	24.17
Puerto Maldonado	138	20.09	15.61		14.41		35.998				56.09	15.61		14.41		9.77		14.65	24.24	24.24
Julica	220	20.09	16.04		14.98		35.998				56.09	16.04		14.98		9.77		15.19	24.96	24.96
Junco	138	20.09	16.02		15.03		35.998				56.09	16.02		15.03		9.77		15.23	25.05	25.05
Junco	220	20.09	15.98		15.03		35.998				56.09	15.98		15.03		9.77		15.20	24.99	24.99
Callali	138	20.09	16.04		15.06		35.998				56.09	16.04		15.06		9.77		15.26	25.02	25.02
Santuario	138	20.09	15.90		14.93		35.998				56.09	15.90		14.93		9.77		15.12	24.	

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Res. 241-2016-OS/CD)
FIJACIÓN AL 04/11/2016

ACTUALIZADO AL 04/diciembre/2016 CON REDONDEO

	TENSION					TENSION					PPM	PEMP	PEMF	PCSP	CPSEE	(PPM+PCSP)	(PEMP + CPSEE)	(PEMF + CPSEE)	Potencia	Energía	Promedio																						
	KV	S/KW/h	ctm S/KW/h	ctm S/KW/h		KV	S/KW/h	ctm S/KW/h	ctm S/KW/h																																		
Sistema Eléctrico Interconectado Nacional (SEIN) - Red Barra (Cuerpo 1)																						Sistema Eléctrico Interconectado Nacional (SEIN) - Red Barra (Cuerpo 2)																					
Zorritos	220	21.35	19.60	15.98	Zorritos	220	21.35	19.60	15.98	35.998	57.348	19.60	15.98	9.99	16.70	26.69																											
Talara	220	21.35	19.53	15.94	Talara	220	21.35	19.53	15.94	35.998	57.348	19.53	15.94	9.99	16.65	26.64																											
Piura Oeste	220	21.35	19.62	16.02	Piura Oeste	220	21.35	19.62	16.02	35.998	57.348	19.62	16.02	9.99	16.74	26.72																											
Chiclayo Oeste	220	21.35	19.53	16.00	Chiclayo Oeste	220	21.35	19.53	16.00	35.998	57.348	19.53	16.00	9.99	16.70	26.69																											
Carhuauquero	220	21.35	19.23	15.79	Carhuauquero	220	21.35	19.23	15.79	35.998	57.348	19.23	15.79	9.99	16.47	26.46																											
Carhuauquero	138	21.35	19.24	15.80	Carhuauquero	138	21.35	19.24	15.80	35.998	57.348	19.24	15.80	9.99	16.48	26.47																											
Cusuro	138	21.35	19.31	15.84	Cusuro	138	21.35	19.31	15.84	35.998	57.348	19.31	15.84	9.99	16.52	26.52																											
Jaen	138	21.35	19.39	15.88	Jaen	138	21.35	19.39	15.88	35.998	57.348	19.39	15.88	9.99	16.58	26.57																											
Guadalupe	220	21.35	19.52	16.00	Guadalupe	220	21.35	19.52	16.00	35.998	57.348	19.52	16.00	9.99	16.70	26.69																											
Guadalupe	60	21.35	19.56	16.02	Guadalupe	60	21.35	19.56	16.02	35.998	57.348	19.56	16.02	9.99	16.72	26.71																											
Cajamarca	220	21.35	19.29	15.85	Cajamarca	220	21.35	19.29	15.85	35.998	57.348	19.29	15.85	9.99	16.53	26.52																											
Trujillo Norte	220	21.35	19.41	15.94	Trujillo Norte	220	21.35	19.41	15.94	35.998	57.348	19.41	15.94	9.99	16.63	26.62																											
Chimbote 1	220	21.35	19.49	15.89	Chimbote 1	220	21.35	19.49	15.89	35.998	57.348	19.49	15.89	9.99	16.71	26.71																											
Chimbote 1	138	21.35	19.35	15.91	Chimbote 1	138	21.35	19.35	15.91	35.998	57.348	19.35	15.91	9.99	16.59	26.58																											
Paramonga Nueva	220	21.35	19.19	15.79	Paramonga Nueva	220	21.35	19.19	15.79	35.998	57.348	19.19	15.79	9.99	16.47	26.45																											
Paramonga Nueva	138	21.35	19.17	15.78	Paramonga Nueva	138	21.35	19.17	15.78	35.998	57.348	19.17	15.78	9.99	16.45	26.44																											
Paramonga Existente	138	21.35	19.13	15.76	Paramonga Existente	138	21.35	19.13	15.76	35.998	57.348	19.13	15.76	9.99	16.43	26.42																											
Huachao	220	21.35	19.16	15.79	Huachao	220	21.35	19.16	15.79	35.998	57.348	19.16	15.79	9.99	16.46	26.45																											
Zapallal	220	21.35	19.21	15.81	Zapallal	220	21.35	19.21	15.81	35.998	57.348	19.21	15.81	9.99	16.49	26.48																											
Ventanilla	220	21.35	19.29	15.85	Ventanilla	220	21.35	19.29	15.85	35.998	57.348	19.29	15.85	9.99	16.53	26.52																											
Lima	220	21.35	19.34	15.91	Lima	220	21.35	19.34	15.91	35.998	57.348	19.34	15.91	9.99	16.59	26.58																											
Cantera	220	21.35	18.60	15.83	Cantera	220	21.35	18.60	15.83	35.998	57.348	18.60	15.83	9.99	16.38	26.37																											
Chilca	220	21.35	18.41	15.65	Chilca	220	21.35	18.41	15.65	35.998	57.348	18.41	15.64	9.99	16.11	26.10																											
Independencia	220	21.35	18.74	16.07	Independencia	220	21.35	18.74	16.07	35.998	57.348	18.74	16.07	9.99	16.60	26.59																											
Ica	220	21.35	18.86	15.99	Ica	220	21.35	18.86	15.99	35.998	57.348	18.86	16.09	9.99	16.63	26.62																											
Marcona	220	21.35	19.21	15.96	Marcona	220	21.35	19.21	15.96	35.998	57.348	19.21	15.96	9.99	16.61	26.59																											
Mantero	220	21.35	18.33	14.88	Mantero	220	21.35	18.33	14.88	35.998	57.348	18.33	14.88	9.99	15.57	25.55																											
Huayucachi	220	21.35	19.07	15.50	Huayucachi	220	21.35	19.07	15.50	35.998	57.348	19.07	15.50	9.99	16.21	26.20																											
Pachachaca	220	21.35	18.86	15.38	Pachachaca	220	21.35	18.86	15.38	35.998	57.348	18.86	15.38	9.99	16.07	26.06																											
Pomacocha	220	21.35	18.76	15.39	Pomacocha	220	21.35	18.76	15.39	35.998	57.348	18.76	15.39	9.99	16.06	26.05																											
Huancavelica	220	21.35	18.45	15.51	Huancavelica	220	21.35	18.45	15.51	35.998	57.348	18.45	15.51	9.99	16.00	26.00																											
Callahuasilla	220	21.35	19.48	15.63	Callahuasilla	220	21.35	19.48	15.63	35.998	57.348	19.48	15.63	9.99	16.40	26.38																											
Cajamarquilla	220	21.35	19.41	15.82	Cajamarquilla	220	21.35	19.41	15.82	35.998	57.348	19.41	15.82	9.99	16.53	26.52																											
Huallanca	138	21.35	18.90	15.59	Huallanca	138	21.35	18.90	15.59	35.998	57.348	18.90	15.59	9.99	16.25	26.24																											
Vizcarra	220	21.35	19.18	15.72	Vizcarra	220	21.35	19.18	15.72	35.998	57.348	19.18	15.72	9.99	16.41	26.40																											
Tingo Maria	220	21.35	19.52	15.90	Tingo Maria	220	21.35	19.52	15.90	35.998	57.348	19.52	15.90	9.99	16.62	26.61																											
Aguyayita	220	21.35	19.60	15.95	Aguyayita	220	21.35	19.60	15.95	35.998	57.348	19.60	15.95	9.99	16.68	26.66																											
Aguyayita	138	21.35	19.66	15.98	Aguyayita	138	21.35	19.66	15.98	35.998	57.348	19.66	15.98	9.99	16.69	26.67																											
Aguyayita	22.9	21.35	19.63	15.97	Aguyayita	22.9	21.35	19.63	15.97	35.998	57.348	19.63	15.97	9.99	16.70	26.69																											
Pucallpa	138	21.35	20.33	16.40	Pucallpa	138	21.35	20.33	16.40	35.998	57.348	20.33	16.40	9.99	17.18	27.17																											
Pucallpa	60	21.35	20.36	16.42	Pucallpa	60	21.35	20.36	16.42	35.998	57.348	20.36	16.42	9.99	17.84	28.81																											
Aucayacu	138	21.35	19.66	15.95	Aucayacu	138	21.35	19.66	15.95	35.998	57.348	19.66	15.95	9.99	16.69	26.68																											
Tocache	138	21.35	19.66	15.95	Tocache	138	21.35	19.66	15.95	35.998	57.348	19.66	15.95	9.99	16.69	26.68																											
Tingo Maria	138	21.35	19.66	15.95	Tingo Maria	138	21.35	19.66	15.95	35.998	57.348	19.66	15.95	9.99	16.69	26.68																											
Huánuco	138	21.35	19.36	15.74	Huánuco	138	21.35	19.36	15.74	35.998	57.348	19.36	15.74	9.99	16.46	26.45																											
Paragsha II	138	21.35	18.86	15.44	Paragsha II	138	21.35	18.86	15.44	35.998	57.348	18.86	15.44	9.99	16.12	26.11																											
Paragsha	220	21.35	18.81	15.41	Paragsha	220	21.35	18.81	15.41	35.998	57.348	18.81	15.41	9.99	16.09	26.07																											
Yaupi	138	21.35	18.44	15.14	Yaupi	138	21.35	18.44	15.14	35.998	57.348	18.44	15.14	9.99	15.80	25.78																											
Yuncan	138	21.35	18.58	15.25	Yuncan	138	21.35	18.58	15.25	35.998	57.348	18.58	15.25	9.99	15.91	25.90																											
Yuncan	220	21.35	18.65	15.29	Yuncan	220	21.35	18.65	15.29	35.998	57.348	18.65	15.29	9.99	15.95	25.95																											
Oroya Nueva	220	21.35	18.84	15.39	Oroya Nueva	220	21.35	18.84	15.39	35.998	57.348	18.84	15.39	9.99	16.08	26.06																											
Oroya Nueva	138	21.35	18.84	15.40	Oroya Nueva	138	21.35	18.84	15.40	35.998	57.348	18.84	15.40	9.99	16.08	26.07																											
Oroya Nueva	50	21.35	18.86	15.41	Oroya Nueva	50	21.35	18.86	15.41	35.998	57.348	18.86	15.41	9.99	16.10	26.08																											
Carhuamayo	138	21.35	18.71	15.34	Carhuamayo	138	21.35	18.71	15.34	35.998	57.348	18.71	15.34	9.99	16.01	26.00																											
Carhuamayo Nueva	220	21.35	18.76	15.37	Carhuamayo Nueva	220	21.35	18.76	15.37	35.998	57.348	18.76	15.37	9.99	16.04	26.03																											
Caripa	138	21.35	18.82	15.39	Caripa	138	21.35	18.82	15.39	35.998	57.348	18.82	15.39	9.99	16.07	26.06																											
Desisato	220	21.35	18.65	15.63	Desisato	220	21.35	18.65	15.63	35.998	57.348	18.65	15.63	9.99	16.47	26.47																											
Condorcocha	138	21.35	18.87	15.43	Condorcocha	138	21.35	18.87	15.43	35.998	57.348	18.87	15.43	9.99	16.11	26.10																											
Condorcocha	44	21.35	18.87	15.43	Condorcocha	44	21.35	18.87	15.43	35.998	57.348	18.87	15.43	9.99	16.11	26.10																											
Machupicchu	138	21.35	18.78	15.10	Machupicchu	138	21.35	18.78	15.10	35.998	57.348	18.78	15.10	9.99	15.83	25.82																											
Cachimayo	138	21.35	19.41	15.61	Cachimayo	138	21.35	19.41	15.61	35.998	57.348	19.41	15.61	9.99	16.37	26.35																											
Cusco	138	21.35	19.48	15.64	Cusco	138	21.35	19.48	15.64	35.998	57.348	19.48	15.64	9.99	16.40	26.39																											
Condebasta	138	21.35	19.87	16.29	Condebasta	138	21.35	19.87	16.29	35.998	57.348	19.87	16.29	9.99	16.87	26.87																											
Tintaya	138	21.35	20.10	16.29	Tintaya	138	21.35	20.10	16.29	35.998	57.348	20.10	16.29	9.99	17.05	27.04																											
Avayiri	138	21.35	19.77	16.05	Avayiri	138	21.35	19.77	16.05	35.																																	

PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)

Actualizado al 04/diciembre/2016 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		2.069	1.0000	2.069
SPT de San Gabán		0.004	1.0000	0.004
SPT de Antamina		0.006	1.0000	0.006
SPT de Etesselva		0.139	1.0000	0.139
SPT de Redesur		0.639	1.0000	0.639
SPT de Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		1.717	1.0000	1.717
SPT de Transmataro (Addendum N° 8)		0.557	1.0000	0.557
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0.487	1.0000	0.487
SGT Línea Chilca -Zapallal (Tramos 1 y 2)		0.454	1.0000	0.454
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuauquero-Paragsha y subestaciones asociadas - Tramo	0.073	1.0000	0.073
	L.T. Paragsha-Conococha y subestaciones asociadas - Tramo 2	0.100	1.0000	0.100
	Ampliación de la Subestación Cajamarca 220 kV - SVC	0.083	1.0000	0.083
	LT 220 kV Conococha-Huallanca y subestaciones asociadas - Tramo	0.190	1.0000	0.190
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas - Tramo 4	0.352	1.0000	0.352
SGT Línea Talara Piura 220 kV (2do circuito)		0.102	1.0000	0.102
SGT Línea Zapallal - Trujillo 500 kV		1.168	1.0000	1.168
SGT Línea Pomacocha - Carhuamayo 220 kV		0.110	1.0000	0.110
SGT Línea Socabaya - Tintaya 220 kV		0.296	1.0000	0.296
SGT Línea Chilca - Marcona -Montalvo 500 kV		2.117	1.0000	2.117
SGT Línea Carhuauquero- Cajamarca Norte- Cáclic- Moyobamba 220 kV (1)		0.677	0.0000	0.000
SGT Línea Machupicchu-Quencoro-Onocora-Tintaya 220 kV (1)		0.699	0.0000	0.000
SGT Línea Trujillo - Chiclayo 500 kV		0.700	1.0000	0.700
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0.490	1.0000	0.490
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		1.811	0.0000	0.000
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0.176	1.9860	0.350
	RF de Talara	0.762	1.1247	0.857
	RF de Ilo	1.687	1.1257	1.899
	RF de Pucallpa	0.194	1.3247	0.257
	RF de Puerto Maldonado	0.112	1.3214	0.148
	RF de Puerto Eten	0.962	1.0260	0.987
Cargo Unitario por CVOA-CMg		3.275	1.0269	3.363
Cargo Unitario por CVOA-RSC		0.000	0.0000	0.000
Cargo por Prima	Cogeneración Paramonga	0.169	0.6391	0.108
	C.H. Santa Cruz II	0.067	0.9552	0.064
	C.H. Santa Cruz I	0.064	0.9531	0.061
	C.H. Poechos 2	0.106	0.9340	0.099
	C.H. Roncador	0.055	0.4000	0.022
	C.H. Carhuauquero IV	0.200	0.9300	0.186
	C.H. Caña Brava	0.053	0.9434	0.050
	C.H. La Joya	0.115	0.7304	0.084
	C.T. Huaycoloro	0.123	1.0407	0.128
	C. H. Purmacana	0.010	0.8000	0.008
	C.H. Huasahuasi I	0.093	0.9892	0.092
	C.H. Huasahuasi II	0.091	1.0330	0.094
	C.H. Nuevo Imperial	0.048	0.8750	0.042
	CS Repartición Solar 20T	0.376	1.0559	0.397
	CS Majes Solar 20T	0.377	1.0557	0.398
	CS Tacna Solar 20T	0.448	1.1317	0.507
	CS Panamericana Solar 20T	0.484	1.0661	0.516
	C.H. Yanapampa	0.043	0.5349	0.023
	C.H. Las Pizaras	0.207	1.0000	0.207
	C.E. Marcona	0.356	0.9157	0.326
	C.E. Talara	0.413	0.8789	0.363
	C.E. Cupisnique	1.009	0.9158	0.924
	C.H. Runatullo II	0.250	0.8720	0.218
	C.H. Runatullo II	0.151	1.1589	0.175
	CSF Moquegua FV	0.208	0.9952	0.207
	C.H. Canchayllo	0.029	0.7241	0.021
	C.T. La Gringa V	0.084	0.6667	0.056
	C.E. Tres Hermanas	1.188	0.8342	0.991
Cargo Unitario por FISE (4)		0.590	1.2627	0.745
Cargo Unitario por CASEsi		3.544	1.0000	3.544
Cargo Unitario por CASEge (5)		0.842	1.1461	0.965
Cargo Unitario por Generación Adicional (6)	Usuarios Regulados	0.003	0.0000	0.000
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		1.1100	2.0495	2.275
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		1.8270	1.1188	2.044
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (7)		0.0250	13.7600	0.344

PCSPT = 35.998

PEAJES DE CONEXIÓN A LOS SISTEMAS SECUNDARIOS DE TRANSMISIÓN (SST)

Actualizado al 04/diciembre/2016 con redondeo

PEAJE ACUMULADO EN MT POR ÁREA DE DEMANDA (ctm. \$/kWh)

Área Demanda	GENERADORAS	DISTRIBUIDORAS	Actualizado
1	ELP, REP	ADIL, ELNO	1.1432
2	REP, DEPO	ADIL, ELN	1.7785
3	ETEN, REP	CHAV, ELNM	1.3580
4	GSM	ELOR	3.1292
5	REP, CAND, CONE, ELAN	ADIL, ELC, ELP	2.8750
6	REP, CAHU	ADIL, EDLN, ELNM	1.4605
7	REP	EDCA, LDS	1.2064
8	ISA, REP	ADIL, COEL, ELSM, SEAL	2.1547
9	CONE, EGAS, REP	ELS, SEAL	1.3305
10	EGEM, REP	ELSE	1.6743
11	REP	ELPU	2.0262
12	ENER, SOUT	ELS	1.5640
13	EGES	ELS	1.1409
14		ELUC	0.7115
15	REP		0.1615

PEAJE EN MT POR ÁREA DE DEMANDA (ctm. \$/kWh)

		Valor Base		Valor Actualizado (Art. 1ro.)	Liquidación (Art. 2do.)	Peaje (Art. 1ro +2do.)
Área de Demanda	Titular	Acumulado en MT Ctm. \$/kWh	Factor de Actualización	Acumulado MT Actualizado	Acumulado MT Actualizado	Acumulado MT Actualizado
1	ADINELSA	0.0821	1.0972	0.0901	(0.0062)	0.0839
	ELECTRONOROESTE	0.8154	1.0972	0.8947	(0.0594)	0.8353
	ELECTROPERÚ	0.0109	1.0972	0.0120	(0.0007)	0.0113
	REP	0.2415	1.0972	0.2650	(0.0523)	0.2127
	TOTAL ÁREA	1.1499		1.2618	(0.1186)	1.1432
2	ADINELSA	0.1705	1.0848	0.1850	(0.0341)	0.1509
	DEPOLTI	0.2715	1.0848	0.2945	0.0077	0.3022
	ELECTRONORTE	0.8856	1.0848	0.9607	0.0516	1.0123
	ELECTRO ORIENTE	0.1119	1.0848	0.1214	0.0062	0.1276
	REP	0.1951	1.0848	0.2116	(0.0261)	0.1855
	TOTAL ÁREA	1.6346		1.7732	0.0053	1.7785
3	CHAVIMOCHIC	0.0062	1.0803	0.0067	0.0005	0.0072
	CONENHUA	0.0120	1.0803	0.0130	0.0008	0.0138
	CTA	0.0091	1.0608	0.0097	0.0055	0.0152
	ETENORTE	0.0369	1.0803	0.0399	0.0022	0.0421
	HIDRANDINA	0.9241	1.0803	0.9983	0.1090	1.1073
	REP	0.1677	1.0803	0.1812	(0.0088)	0.1724
	TOTAL ÁREA	1.1560		1.2488	0.1092	1.3580
4	ELECTRO ORIENTE	2.9883	1.0811	3.2307	(0.1015)	3.1292
	TOTAL ÁREA	2.9883		3.2307	(0.1015)	3.1292
5	ADINELSA	0.0702	1.0761	0.0755	0.0008	0.0763
	CEMENTO ANDINO	0.0095	1.0761	0.0102	(0.0011)	0.0091
	CONENHUA	0.0319	1.0761	0.0343	0.0043	0.0386
	ELECTROCENTRO	1.2631	1.0761	1.3592	0.1949	1.5541
	ELECTROPERÚ	0.0062	1.0761	0.0067	(0.0017)	0.0050
6	REP	0.0778	1.0761	0.0837	0.0062	0.0899
	SN POWER	0.9021	1.0761	0.9707	0.1313	1.1020
	TOTAL ÁREA	2.3608		2.5403	0.3347	2.8750
6	ADINELSA	0.0010	1.1076	0.0011	0.0000	0.0011
	CONENHUA	0.0102	1.1076	0.0113	0.0173	0.0286
	EDELNOR	1.1734	1.1076	1.2997	0.0746	1.3743
	HIDRANDINA	0.0025	1.1076	0.0028	(0.0001)	0.0027
	REP	0.0458	1.1076	0.0507	(0.0138)	0.0369
7	REP_AdicRAG	0.0065	1.1076	0.0072	(0.0001)	0.0071
	SN POWER	0.0093	1.1076	0.0103	(0.0005)	0.0098
	TOTAL ÁREA	1.2487		1.3831	0.0774	1.4605
7	LUZ DEL SUR (1)	1.0641	1.1251	1.1972	(0.0124)	1.1848
	REP	0.0240	1.1251	0.0270	(0.0054)	0.0216
	TOTAL ÁREA	1.0881		1.2242	(0.0178)	1.2064
8	ADINELSA	0.0024	1.0925	0.0026	(0.0001)	0.0025
	COELVISAC	0.0951	1.0925	0.1039	0.0007	0.1046
	ELECTRO DUNAS	0.8781	1.0925	0.9593	0.0147	0.9740
	REP	0.5461	1.0925	0.5966	(0.1006)	0.4960
	REP_AdicRAG	0.3865	1.0925	0.4223	(0.0194)	0.4029
9	SEAL	0.0191	1.0925	0.0209	0.0032	0.0241
	TRANSMANTARO	0.1485	1.0925	0.1622	(0.0116)	0.1506
	TOTAL ÁREA	2.0758		2.2678	(0.1131)	2.1547
9	CONENHUA	0.0359	1.1111	0.0399	(0.0053)	0.0346
	EGASA	0.0639	1.1111	0.0710	(0.0034)	0.0676
	ELECTROSUR	0.0062	1.1111	0.0069	0.0002	0.0071
	REP	0.0177	1.1111	0.0197	(0.0032)	0.0165
	SEAL	1.0145	1.1111	1.1272	0.0775	1.2047
	TOTAL ÁREA	1.1382		1.2647	0.0658	1.3305
10	EGEMSA	0.2608	1.1027	0.2876	0.0304	0.3180
	ELECTRO SUR ESTE	1.2659	1.1027	1.3959	(0.3183)	1.0776
	REP	0.3182	1.1027	0.3509	(0.0722)	0.2787
	TOTAL ÁREA	1.8449		2.0344	(0.3601)	1.6743
11	ELECTRO PUNO	1.0598	1.0148	1.0755	0.1282	1.2037
	REP	0.8071	1.0148	0.8190	0.0035	0.8225
	TOTAL ÁREA	1.8669		1.8945	0.1317	2.0262
12	ELECTROSUR	1.1290	1.1489	1.2971	(0.1220)	1.1751
	ENGIE(2)	0.4090	1.1489	0.4699	(0.0810)	0.3889
	TOTAL ÁREA	1.5380		1.7670	(0.2030)	1.5640
13	EGESUR	0.0068	1.0997	0.0075	0.0000	0.0075
	ELECTROSUR	0.8140	1.0997	0.8952	0.2382	1.1334
	TOTAL ÁREA	0.8208		0.9027	0.2382	1.1409
14	ELECTRO UCAYALI	0.6678	1.0771	0.7193	(0.0078)	0.7115
	TOTAL ÁREA	0.6678		0.7193	(0.0078)	0.7115
15	REP	0.0618	1.0889	0.0673	(0.0140)	0.0533
	CUC GGEE-DUP**	0.1226	0.7153	0.0877		0.0877
	Ampliación N° 3	0.0188	1.0889	0.0205		0.0205
	TOTAL ÁREA	0.2032		0.1755	(0.0140)	0.1615

CPSEE : Cargo de Peaje Secundario por Transmisión Equivalente en Energía

Actualizado al 04/diciembre/2016 con redondeo

Sistemas Eléctricos a los que se aplica el cargo	Titular de Transmisión/ Barra-Tensión/ Sistemas Eléctricos[1]/ Instalaciones	Base (Última Resolución)	FA	Actualizado
Tacna, Tomasiri, Yarada y Tarata	SST Tacna (Los Héroes) - Transf. 220/66/10 kV; 50 MVA	0.3380	1.2854	0.4345
Pucallpa, Campo Verde	SST Aguaytía-Pucallpa, S.E. Aguaytía 220/138/22,9 kV, S.E. Pucallpa 138/60/10 kV, Reactor 8 MVAR	1.1053	1.2854	1.4208

Factores de Expansión de Pérdidas Medias Media Tension (Potencia y Energía)

Factores de Pérdidas en los Sistemas Secundarios de Transmisión por Áreas de Demanda según nivel de Tensión

Factor de Expansión de Pérdidas (Establecido en la Resolución de Peajes Secundarios)

FPMdP

FPMdE

Área de Demanda	MAT	MAT/AT	AT	AT/MT	MAT	MAT/AT	AT	AT/MT
1	1.0000	1.0021	1.0193	1.0022	1.0000	1.0019	1.0212	1.0016
2	1.0000	1.0017	1.0257	1.0032	1.0000	1.0013	1.0230	1.0024
3	1.0047	1.0021	1.0108	1.0042	1.0038	1.0015	1.0115	1.0036
4	1.0280	1.0007	1.0145	1.0041	1.0197	1.0005	1.0114	1.0025
5	1.0008	1.0024	1.0357	1.0045	1.0010	1.0034	1.0397	1.0107
6	1.0010	1.0060	1.0086	1.0073	1.0009	1.0051	1.0070	1.0062
7	1.0026	1.0079	1.0124	1.0057	1.0023	1.0067	1.0105	1.0050
8	1.0004	1.0047	1.0470	1.0050	1.0002	1.0031	1.0409	1.0033
9	1.0032	1.0072	1.0071	1.0053	1.0034	1.0072	1.0093	1.0056
10	1.0077	1.0023	1.0102	1.0045	1.0043	1.0015	1.0070	1.0039
11	1.0000	1.0026	1.0112	1.0091	1.0000	1.0017	1.0084	1.0068
12	1.0000	1.0000	1.0000	1.0052	1.0000	1.0000	1.0000	1.0043
13	1.0000	1.0000	1.0178	1.0052	1.0000	1.0000	1.0128	1.0039
14	1.0000	1.0000	1.0060	1.0082	1.0000	1.0000	1.0045	1.0058

Nota: Factores de Pérdidas del área de Demanda 7 modificados con la Res. 136-2013-OS/CD

Factor de expansión de Pérdidas aplicable para expandir hasta MT (acumulados calculados) (1/)

FPMdP

FPMdE

Área de Demanda	Desde MAT	Desde AT (1/)	Desde MT
1	1.0237	1.0215	1.0000
2	1.0307	1.0290	1.0000
3	1.0220	1.0150	1.0000
4	1.0479	1.0187	1.0000
5	1.0437	1.0404	1.0000
6	1.0231	1.0160	1.0000
7	1.0289	1.0182	1.0000
8	1.0576	1.0522	1.0000
9	1.0230	1.0124	1.0000
10	1.0249	1.0147	1.0000
11	1.0231	1.0204	1.0000
12	1.0052	1.0052	1.0000
13	1.0231	1.0231	1.0000
14	1.0142	1.0142	1.0000

Desde MAT	Desde AT (1/)	Desde MT
1.0248	1.0228	1.0000
1.0268	1.0255	1.0000
1.0205	1.0151	1.0000
1.0344	1.0139	1.0000
1.0555	1.0508	1.0000
1.0193	1.0132	1.0000
1.0247	1.0156	1.0000
1.0478	1.0443	1.0000
1.0257	1.0150	1.0000
1.0168	1.0109	1.0000
1.0170	1.0153	1.0000
1.0043	1.0043	1.0000
1.0167	1.0167	1.0000
1.0103	1.0103	1.0000