

TARIFAS EN BARRA (Res. N° 067-2021-OS/CD y N° 143-2021-OS/CD)
FIJACION AL 04/MAYO/2021

TENSIÓN kV	PPMo S./kW-mes	PEMPo ctm. S./kW.h	PEMFo ctm. S./kW.h
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Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)			
		2010	2016
Comis			
Talara	220	21,10	19,97
Piura Oeste	220	21,10	19,98
Chiclayo Oeste	220	21,10	18,76
Carhuazero	220	21,10	18,46
Carhuazero	138	21,10	18,47
Cutervo	138	21,10	18,65
Jaen	138	21,10	18,82
Guadalupe	220	21,10	17,75
Guadalupe	60	21,10	18,81
Cajamarca	220	21,10	18,40
Trujillo Norte	220	21,10	18,64
Chimbote 1	220	21,10	18,53
Chimbote 1	138	21,10	18,56
Paramonga Nueva	220	21,10	18,18
Paramonga Nueva	138	21,10	18,15
Paramonga Existente	138	18,37	16,93
Huacho	220	21,10	17,08
Zapallal	220	21,10	18,37
Ventanilla	220	21,10	17,21
Lima	220	21,10	18,39
Cancera	220	21,10	18,19
Chilca	220	21,10	18,09
Independencia	220	21,10	18,23
Ica	220	21,10	18,27
Marzona	220	21,10	18,40
Mantaro	220	21,10	17,75
Huancacachi	220	21,10	17,80
Pachachaca	220	21,10	17,95
Pomacachi	220	21,10	17,99
Huancavelica	220	21,10	17,90
Callahuauca	220	21,10	18,13
Callahuauca	220	21,10	18,33
Huancabamba	138	21,10	18,63
Vicazana	220	21,10	17,89
Tingo Maria	220	21,10	17,59
Agayay	220	21,10	17,44
Agayay	138	21,10	17,48
Agayay	22,9	21,10	17,47
Pucallia	138	21,10	17,98
Pucallia	60	21,10	18,00
Aucaycan	138	21,10	17,86
Toacachi	138	21,10	18,14
Tingo Maria	138	21,10	17,54
Huánuco	138	21,10	17,80
Paragayay	138	21,10	17,75
Parashu	220	21,10	17,71
Yaupi	138	21,10	17,42
Yuncán	138	21,10	17,55
Yuncán	220	21,10	17,60
Oroya Nueva	220	21,10	17,83
Oroya Nueva	138	21,10	17,72
Oroya Nueva	50	21,10	17,73
Carhuazero	138	21,10	17,72
Carhuazero Nueva	220	21,10	17,71
Caripa	138	21,10	17,63
Desierto	220	21,10	18,21
Condorcocha	138	21,10	17,63
Condorcocha	44	21,10	17,63
Machupicchu	138	21,10	18,04
Cachimayo	138	21,10	18,58
Cusco	138	21,10	18,66
Comabata	138	21,10	18,96
Tintaya	138	21,10	19,21
Avayiri	138	21,10	18,94
Acángaro	138	21,10	18,77
San Gabán	138	21,10	17,85
Mazuco	138	21,10	18,44
Puerto Maldonado	138	21,10	19,98
Juliaca	138	21,10	18,94
Puno	138	21,10	18,94
Puno	220	21,10	18,91
Callalli	138	21,10	18,98
Santuario	138	21,10	18,76
Arequipa	138	21,10	18,84
Scobayta	220	21,10	18,82
Cerro Verde	138	21,10	18,90
Reparto	138	21,10	19,02
Mollayo	138	21,10	19,13
Moquegua	220	21,10	18,82
Moquegua	138	21,10	18,84
Bo EL5	138	21,10	19,01
Bollayay	138	21,10	18,95
Toquepala	138	21,10	18,98
Aricota	138	21,10	18,85
Tacna (Los Héroes)	66	21,10	18,79
Tacna (Los Héroes)	220	21,10	18,80
La Nina	220	21,10	18,76
Cotacuse	220	21,10	18,35
Carabaylla	220	21,10	17,19
La Ramada	220	21,10	18,27
Lomera	220	21,10	18,31
Asia	220	21,10	18,12
Alto Praderas	220	21,10	18,24
La Planicie	220	21,10	18,32
Belaunde	138	21,10	18,63
Cadiz	220	21,10	18,54
Medio Mundo	220	21,10	18,18
Tintaya Nueva	220	21,10	19,18

Adriñela	MT	29,35	37,67	37,67
Chavimodich	MT	29,35	33,78	33,78
Edénlor	MT	29,35	33,78	33,78
Elilhiza	MT	29,35	33,78	33,78
Electro Oriente	MT	29,35	52,97	52,97
Electro Sur Este	MT	0,00	0,00	0,00
Electro Puno	MT	29,35	49,14	49,14
Electro Ucavali	MT	29,35	61,51	61,51
Electronorte	MT	0,00	0,00	0,00
Hidráulida	MT	29,35	33,78	33,78
Selva	MT	29,35	84,49	84,49

	MT	MT	MT
Admisión	29,35	19,68	19,68
Chavimodich	MT	29,35	19,64
Edelcor	MT	29,35	19,64
Elitroha	MT	29,35	17,19
Electro Oriente	MT	29,35	25,24
Electro Sur Este	MT	0,00	0,00
Electro Puno	MT	29,35	14,96
Electro Ucayali	MT	29,35	24,76
Electronorte	MT	0,00	0,00
Hidrotriana	MT	29,35	19,64
SEAL	MT	29,35	22,01

TENSIÓN	PPM	PMP	PEMF	PCSPT	CPSEE	(PPM+PCSPT)	(PMP + CPSEE)	(PEMF + CPSEE)	Potencia	Energía	Promedio
kV	S/./kW-mes	ctm. S/./kW/h	ctm. S/./kW/h	S/./kW-mes	ctm. S/./kW/h	S/./kW-mes	ctm. S/./kW/h	ctm. S/./kW/h	ctm. S/./kW/h	ctm. S/./kW/h	ctm. S/./kW/h

Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barrá (Cuadro 1)									
		2018	2018	2018	2018	2018	2018	2018	2018
		22.84	22.86	19.32	40.239	63.08	20.86	19.32	10.99
		22.84	20.72	19.21	40.239	63.08	20.72	19.21	10.99
Talara	220	22.84	20.72	19.21	40.239	63.08	20.72	19.21	10.99
Piura Oeste	220	22.84	20.77	19.28	40.239	63.08	20.77	19.28	10.99
Chiclayo Oeste	220	22.84	20.53	19.10	40.239	63.08	20.53	19.10	10.99
Chiclayo Este	220	22.84	20.20	18.84	40.239	63.08	20.20	18.84	10.99
Carhuayguano	138	22.84	20.21	18.84	40.239	63.08	20.21	18.84	10.99
Cotervo	138	22.84	20.40	18.96	40.239	63.08	20.40	18.96	10.99
Jaen	138	22.84	20.59	19.12	40.239	63.08	20.59	19.12	10.99
Mandulake	220	22.84	20.51	19.10	40.239	63.08	20.51	19.10	10.99
Guadalupe	60	22.84	20.58	19.15	40.239	63.08	20.58	19.15	10.99
Cajamarca	220	22.84	20.18	18.82	40.239	63.08	20.18	18.82	10.99
Trujillo Norte	220	22.84	20.39	19.03	40.239	63.08	20.39	19.03	10.99
Chimbote 1	220	22.84	20.27	18.94	40.239	63.08	20.27	18.94	10.99
Chimbote 1	138	22.84	20.31	18.96	40.239	63.08	20.31	18.96	10.99
Paramonga Nueva	220	22.84	18.89	18.65	40.239	63.08	18.89	18.65	10.99
Paramonga Nueva	138	22.84	18.86	18.63	40.239	63.08	18.86	18.63	10.99
Paramonga Existente	138	22.84	18.77	18.59	40.239	63.08	18.77	18.59	10.99
Huacho	220	22.84	18.89	18.69	40.239	63.08	18.89	18.69	10.99
Zapallal	220	22.84	20.10	18.83	40.239	63.08	20.10	18.83	10.99
Ventallina	220	22.84	20.13	18.87	40.239	63.08	20.13	18.87	10.99
Yma	220	22.84	20.12	18.86	40.239	63.08	20.12	18.86	10.99
Chilca	220	22.84	19.79	18.73	40.239	63.08	19.79	18.73	10.99
Canter	220	22.84	19.79	18.60	40.239	63.08	19.79	18.60	10.99
Independencia	220	22.84	19.95	18.80	40.239	63.08	19.95	18.80	10.99
Ica	220	22.84	19.99	18.84	40.239	63.08	19.99	18.84	10.99
Marcona	220	22.84	20.13	18.86	40.239	63.08	20.13	18.86	10.99
Mantaro	220	22.84	19.42	18.25	40.239	63.08	19.42	18.25	10.99
Huancavachi	220	22.84	19.47	18.38	40.239	63.08	19.47	18.38	10.99
Pachachaca	220	22.84	19.64	18.48	40.239	63.08	19.64	18.48	10.99
Panamazocha	220	22.84	19.68	18.50	40.239	63.08	19.68	18.50	10.99
Huancavelica	220	22.84	19.58	18.41	40.239	63.08	19.58	18.41	10.99
Callahuabana	220	22.84	19.84	18.62	40.239	63.08	19.84	18.62	10.99
Cajamarquilla	220	22.84	20.05	18.82	40.239	63.08	20.05	18.82	10.99
Huallanca	138	22.84	19.73	18.44	40.239	63.08	19.73	18.44	10.99
Viccará	220	22.84	19.57	18.28	40.239	63.08	19.57	18.28	10.99
Tingo Maria	220	22.84	19.25	17.90	40.239	63.08	19.25	17.90	10.99
Aquayvia	220	22.84	19.08	17.72	40.239	63.08	19.08	17.72	10.99
Aquayvia	138	22.84	19.12	17.76	40.239	63.08	19.12	17.76	10.99
Aquayvia	22.9	22.84	19.11	17.75	40.239	63.08	19.11	17.75	10.99
Pucallia	138	22.84	19.67	18.14	40.239	63.08	19.67	18.14	10.99
Pucallia	60	22.84	19.69	18.14	40.239	63.08	21.70	20.15	10.99
Aquayacu	138	22.84	19.54	18.16	40.239	63.08	19.54	18.16	10.99
Toocache	138	22.84	19.85	18.45	40.239	63.08	19.85	18.45	10.99
Tingo Maria	138	22.84	19.19	17.83	40.239	63.08	19.19	17.83	10.99
Hidauco	220	22.84	19.47	18.10	40.239	63.08	19.47	18.10	10.99
Angash 1	220	22.84	19.42	18.14	40.239	63.08	19.42	18.14	10.99
Paracacha	220	22.84	19.38	18.09	40.239	63.08	19.38	18.09	10.99
Yaupi	138	22.84	19.06	17.82	40.239	63.08	19.06	17.82	10.99
Yuncán	138	22.84	19.20	17.94	40.239	63.08	19.20	17.94	10.99
Yuncán	220	22.84	19.26	17.99	40.239	63.08	19.26	17.99	10.99
Oroya Nueva	220	22.84	19.51	18.37	40.239	63.08	19.51	18.37	10.99
Oroya Nueva	138	22.84	19.39	18.19	40.239	63.08	19.39	18.19	10.99
Oroya Nueva	50	22.84	19.44	18.30	40.239	63.08	19.44	18.30	10.99
Carhuayman	220	22.84	19.39	18.12	40.239	63.08	19.39	18.12	10.99
Carhuayman	138	22.84	19.38	18.09	40.239	63.08	19.38	18.09	10.99
Caripa	138	22.84	19.29	18.07	40.239	63.08	19.29	18.07	10.99
Desierto	220	22.84	19.92	18.76	40.239	63.08	19.92	18.76	10.99
Condorchuca	220	22.84	19.29	18.07	40.239	63.08	19.29	18.07	10.99
Condorchuca	44	22.84	19.29	18.07	40.239	63.08	19.29	18.07	10.99
Madupichu	138	22.84	19.74	18.44	40.239	63.08	19.74	18.44	10.99
Cachayma	220	22.84	20.33	18.94	40.239	63.08	20.33	18.94	10.99
Cachayma	138	22.84	20.42	19.00	40.239	63.08	20.42	19.00	10.99
Comabampa	138	22.84	20.74	19.31	40.239	63.08	20.74	19.31	10.99
Tintaya	138	22.84	21.02	19.64	40.239	63.08	21.02	19.64	10.99
Avayit	138	22.84	20.72	19.30	40.239	63.08	20.72	19.30	10.99
Asdrábal	220	22.84	20.54	19.20	40.239	63.08	20.54	19.20	10.99
Asdrábal	138	22.84	20.53	19.20	40.239	63.08	20.53	19.20	10.99
Mazuco	138	22.84	20.18	18.61	40.239	63.08	20.18	18.61	10.99
Puerto Maldonado	138	22.84	21.86	19.02	40.239	63.08	21.86	19.02	10.99
Juliaca	220	22.84	20.72	19.25	40.239	63.08	20.72	19.25	10.99
Puno	220	22.84	20.72	19.25	40.239	63.08	20.72	19.25	10.99
Puno	220	22.84	20.69	19.22	40.239	63.08	20.69	19.22	10.99
Callali	138	22.84	20.77	19.42	40.239	63.08	20.77	19.42	10.99
Antiocho	138	22.84	20.53	19.20	40.239	63.08	20.53	19.20	10.99
Antiocho	220	22.84	20.61	19.25	40.239	63.08	20.61	19.25	10.99
Scobayba	138	22.84	20.59	19.23	40.239	63.08	20.59	19.23	10.99
Cerro Verde	138	22.84	20.68	19.29	40.239	63.08	20.68	19.29	10.99
Repardito	138	22.84	20.81	19.34	40.239	63.08	20.81	19.34	10.99
Molendino	138	22.84	20.93	19.43	40.239	63.08	20.93	19.43	10.99
Moquegua	138	22.84	20.59	19.20	40.239	63.08	20.59	19.20	10.99
Moquegua	138	22.84	20.61	19.22	40.239	63.08	20.61	19.22	10.99
Is ELS	220	22.84	20.80	19.37	40.239	63.08	20.80	19.37	10.99
Bofillaca	138	22.84	20.73	19.34	40.239	63.08	20.73	19.34	10.99
Toquepala	138	22.84	20.77	19.39	40.239	63.08	20.77	19.39	10.99
Arica	138	22.84	20.62	19.35	40.239	63.08	20.62	19.35	10.99
Arica	66	22.84	20.56	19.34	40.239	63.08	21.15	19.93	10.99
Tacna (Los Héroes)	220	22.84	20.68	19.25	40.239	63.08	20.68	19.25	10.99
Tacna (Los Héroes)	66	22.84	20.76	19.28	40.239	63.08	21.35	19.87	10.99
La Nina	220	22.84	20.53	19.10	40.239	63.08	20.53	19.10	10.99
Cotacuse	220	22.84	20.08	18.80	40.239	63.08	20.08	18.80	10.99
Arabaya	220	22.84	20.08	18.81	40.239	63.08	20.08	18.81	10.99
La Ramada	220	22.84	19.99	18.67	40.239	63.08	19.99	18.67	10.99
Lomera	220	22.84	20.03	18.79	40.239	63.08	20.03	18.79	10.99
Asia	220	22.84	19.83	18.64	40.239	63.08	19.83	18.64	10.99
La Pradera	220	22.84	19.96	18.72	40.239	63.08	19.96	18.72	10.99
La Planicie	220	22.84	20.04	18.79	40.239	63.08	20.04	18.79	10.99
Belauda	138	22.84	20.38	18.94	40.239	63.08	20.38	18.94	10.99
Cadiz	220	22.84	20.28	18.87	40.239	63.08	20.28	18.87	10.99
Medio Mundo	220	22.84	20.89	19.69	40.239	63.08	20.89	19.69	10.99
Tintaya Nueva	220	22.84	20.98	19.60	40.239	63.08	20.98	19.60	10.99

Sistemas Aislados - Res. Barra (Cuadro 1) - Precios en Barra										
Adnelina	MT	32.14	41.25	41.25	32.14	41.25	41.25	8.12	41.25	49.37
Chavimochic	MT	32.00	36.83	36.83	32.00	36.83	36.83	8.08	36.83	44.91
Edelton	MT	32.00	36.83	36.83	32.00	36.83	36.83	8.08	36.83	44.91
Ehlichna	MT	32.00	36.83	36.83	32.00	36.83	36.83	8.08	36.83	44.91
Electro Oriente	MT	34.26	61.83	61.83	34.26	61.83	61.83	8.65	61.83	70.48
Electro Sur Este										
Electro Puno	MT	32.00	53.58	53.58	32.00	53.58	53.58	8.08	53.58	61.66
Electro Ucayali	MT	35.45	74.30	74.30	35.45	74.30	74.30	8.95	74.30	83.25
Electronorte										
Hidrogina	MT	32.00	36.83	36.83	32.00	36.83	36.83	8.08	36.83	44.91
San José	MT	35.73	102.85	102.85	35.73	102.85	102.85	9.02	102.85	111.87

Sistemas Aislados - Res. Barra (Cuadro 10) - Precios Eficientes		Ene-2006		Dic-2006		Jul-2007		Dic-2007		Jun-2008		Ene-2009		Ene-2010
Aedimela	MT	34.09	24.57	24.57	34.09	24.57	24.57	8.61	24.57	33.18				
Academic	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				
Edelnor	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				
Elfincha	MT	34.05	21.44	21.44	34.05	21.44	21.44	8.60	21.44	30.04				
Electro Oriente	MT	34.26	34.10	34.10	34.26	34.10	34.10	8.65	34.10	42.75				
Elecdro Sur Este	MT	33.22	20.02	20.02	33.22	20.02	20.02	8.39	20.02	28.41				
Electro Puno	MT	35.45	37.65	37.65	35.45	37.65	37.65	8.95	37.65	49.39				
Electro Ucayali	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				
Elendronline	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				
Hidrandina	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				
Sisal	MT	34.05	24.07	24.07	34.05	24.07	24.07	8.60	24.07	32.67				

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 225-2021-OS/CD)
FIJACIÓN AL 04/11/2021

ACTUALIZADO AL 04/Diciembre/2021 CON REDONDEO

	TENSIÓN kV	PWM S/A/W-mes	PMPM c/m. S/A/W/h	PMPH c/m. S/A/W/h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)				
Zorritos	220	28,61	26,20	21,06
Talara	220	28,61	26,02	20,85
Plura Oeste	220	28,61	26,08	21,01
Chicharo Oeste	220	28,61	25,78	20,83
Carhuazero	220	28,61	25,36	20,54
Carhuazero	138	28,61	25,37	20,54
Culervo	138	28,61	25,63	20,67
Jen	138	28,61	25,85	20,85
Guadalupe	220	28,61	25,77	20,82
Guadalupe	60	28,61	25,84	20,87
Caiparna	220	28,61	25,34	20,52
Troño Norte	220	28,61	25,61	20,74
Chimote 1	220	28,61	25,78	20,65
Chimote 1	138	28,61	25,50	20,67
Paramonga Nueva	220	28,61	24,98	20,34
Paramonga Nueva	138	28,61	24,94	20,32
Paramonga Existente	138	28,61	24,83	20,26
Huacho	220	28,61	24,99	20,38
Zapalí	220	28,61	25,24	20,53
Ventania	220	28,61	25,29	20,57
Lima	220	28,61	25,27	20,56
Cantara	220	28,61	25,00	20,42
Chilca	220	28,61	24,85	20,28
Independencia	220	28,61	25,04	20,49
Ica	220	28,61	25,11	20,53
Marcona	220	28,61	25,28	20,56
Mantaro	220	28,61	24,39	19,90
Huayacachi	220	28,61	24,46	20,04
Pachachaca	220	28,61	24,67	20,15
Pomacocha	220	28,61	24,72	20,17
Huancavelica	220	28,61	24,59	20,08
Callahuana	220	28,61	24,91	20,31
Cajamarquilla	220	28,61	25,19	20,51
Huallanca	138	28,61	24,77	20,10
Vicma	220	28,61	24,59	19,94
Tingo María	220	28,61	24,17	19,52
Aquaylla	220	28,61	23,97	19,33
Aquaylla	138	28,61	24,03	19,37
Aquaylla	22,9	28,61	24,00	19,35
Pucallba	138	28,61	24,71	19,78
Pucallba	60	28,61	24,74	19,78
Acayacu	138	28,61	24,35	19,80
Tocachi	138	28,61	24,53	20,11
Tingo María	138	28,61	24,11	19,45
Huánuco	138	28,61	24,46	19,73
Parashita I	138	28,61	24,40	19,75
Parashita II	220	28,61	24,34	19,73
Yacui	138	28,61	23,94	19,44
Yuncán	138	28,61	24,11	19,56
Yuncán	220	28,61	24,20	19,62
Oroya Nueva	220	28,61	24,51	20,03
Oroya Nueva	138	28,61	24,36	19,84
Oroya Nueva	50	28,61	24,42	19,96
Carhuamayo	138	28,61	24,35	19,75
Carhuamayo Nueva	220	28,61	24,34	19,72
Carpa	138	28,61	24,23	19,71
Desierto	220	28,61	25,02	20,46
Condorcocha	138	28,61	24,23	19,71
Condorcocha	44	28,61	24,23	19,71
Machupichu	138	28,61	24,78	20,10
Cachimayo	138	28,61	25,53	20,65
Cusco	138	28,61	25,64	20,71
Comblagata	138	28,61	25,05	21,05
Tintaya	138	28,61	26,38	21,40
Ayaviri	138	28,61	26,01	21,03
Adisargu	138	28,61	25,79	20,82
San Gabán	138	28,61	24,53	19,89
Mazuco	138	28,61	25,34	20,29
Puerto Maldonado	138	28,61	27,44	20,73
Julica	138	28,61	26,02	20,97
Puno	138	28,61	26,02	20,98
Puno	220	28,61	25,97	20,95
Callalí	138	28,61	26,08	21,17
Santuario	138	28,61	25,77	20,93
Arequipa	138	28,61	25,86	20,98
Socabaya	220	28,61	25,85	20,96
Cerro Verde	138	28,61	25,97	21,03
Respiración	138	28,61	26,13	21,08
Molendo	138	28,61	26,28	21,17
Moquegua	220	28,61	25,86	20,94
Moquegua	138	28,61	25,88	20,96
Ito ELS	138	28,61	26,12	21,10
Bofitaca	138	28,61	26,03	21,09
Toquehua	138	28,61	26,08	21,13
Aricota	138	28,61	25,89	21,10
Aricota	66	28,61	25,61	21,09
Tacna (Los Héroes)	220	28,61	25,86	20,98
Tacna (Los Héroes)	66	28,61	26,06	21,01
La Nina	220	28,61	25,77	20,83
Cotacusi	220	28,61	25,21	20,49
Carabaylo	220	28,61	25,21	20,51
La Ramada	220	28,61	25,11	20,35
Lomera	220	28,61	25,16	20,48
Aia	220	28,61	24,90	20,33
Alto Piedras	220	28,61	25,06	20,42
La Plancia	220	28,61	25,17	20,48
Belandé	138	28,61	25,59	20,64
Cadiz	220	28,61	25,47	20,57
Medio Mundo	220	28,61	24,98	20,36
Tintaya Nueva	220	28,61	26,34	21,36

	TENSIÓN kV	PWM S/A/W-mes	PMPM c/m. S/A/W/h	PMPH c/m. S/A/W/h	PCSPT c/m. S/A/W/h	CPSEE c/m. S/A/W/h	(PMPH + PCSPT) c/m. S/A/W/h	(PMPH + CPSEE) c/m. S/A/W/h	PMPH + CPSEE c/m. S/A/W/h	Potencia c/m. S/A/W/h	Energía c/m. S/A/W/h	Promedio c/m. S/A/W/h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)												
Zorritos	220	28,61	26,20	21,06	40,239	68,849	68,849	26,20	21,06	11,99	22,06	34,07
Talara	220	28,61	26,02	20,85	40,239	68,849	68,849	26,02	20,85	11,99	21,86	33,95
Plura Oeste	220	28,61	26,08	21,01	40,239	68,849	68,849	26,08	21,01	11,99	22,02	34,01
Chicharo Oeste	220	28,61	25,78	20,83	40,239	68,849	68,849	25,78	20,83	11,99	21,82	33,81
Carhuazero	220	28,61	25,36	20,54	40,239	68,849	68,849	25,36	20,54	11,99	21,59	33,49
Carhuazero	138	28,61	25,37	20,54	40,239	68,849	68,849	25,37	20,54	11,99	21,50	33,49
Culervo	138	28,61	25,63	20,67	40,239	68,849	68,849	25,63	20,67	11,99	21,86	33,65
Jen	138	28,61	25,85	20,85	40,239	68,849	68,849	25,85	20,85	11,99	21,85	33,84
Guadalupe	220	28,61	25,77	20,82	40,239	68,849	68,849	25,77	20,82	11,99	21,81	33,80
Guadalupe	60	28,61	25,84	20,87	40,239	68,849	68,849	25,84	20,87	11,99	21,89	33,85
Caiparna	220	28,61	25,34	20,52	40,239	68,849	68,849	25,34	20,52	11,99	21,48	33,47
Troño Norte	220	28,61	25,61	20,74	40,239	68,849	68,849	25,61	20,74	11,99	21,71	33,70
Chimote 1	220	28,61	25,46	20,65	40,239	68,849	68,849	25,46	20,65	11,99	21,61	33,60
Chimote 1	138	28,61	25,50	20,67	40,239	68,849	68,849	25,50	20,67	11,99	21,63	33,62
Paramonga Nueva	220	28,61	24,98	20,34	40,239	68,849	68,849	24,98	20,34	11,99	21,26	33,25
Paramonga Nueva	138	28,61	24,94	20,32	40,239	68,849	68,849	24,94	20,32	11,99	21,24	33,23
Paramonga Existente	138	28,61	24,83	20,26	40,239	68,849	68,849	24,83	20,26	11,99	21,17	33,16
Huacho	220	28,61	24,99	20,38	40,239	68,849	68,849	24,99	20,38	11,99	21,20	33,29
Zapalí	220	28,61	25,24	20,53	40,239	68,849	68,849	25,24	20,53	11,99	21,47	33,46
Ventania	220	28,61	25,29	20,57	40,239	68,849	68,849	25,29	20,57	11,99	21,51	33,50
Lima	220	28,61	25,27	20,56	40,239	68,849	68,849	25,27	20,56	11,99	21,50	33,49
Cantara	220	28,61	25,00	20,42	40,239	68,849	68,849	25,00	20,42	11,99	21,33	33,32
Chilca	220	28,61	24,85	20,28	40,239	68,849	68,849	24,85	20,28	11,99	21,19	33,18
Independencia	220	28,61	25,04	20,49	40,239	68,849	68,849	25,04	20,49	11,99	21,40	33,39
Ica	220	28,61	25,11	20,53	40,239	68,849	68,849	25,11	20,53	11,99	21,44	33,43
Marcona	220	28,61	25,28	20,56	40,239	68,849	68,849	25,28	20,56	11,99	21,50	33,49
Mantaro	220	28,61	24,39	19,90	40,239	68,849	68,849	24,39	19,90	11,99	20,79	32,78
Huayacachi	220	28,61	24,46	20,04	40,239	68,849	68,849	24,46	20,04	11,99	20,82	32,91
Pachachaca	220	28,61	24,67	20,15	40,239	68,849	68,849	24,67	20,15	11,99	20,95	33,04
Pomacocha	220	28,61	24,72	20,17	40,239	68,849	68,849	24,72	20,17	11,99	21,08	33,07
Huancavelica	220	28,61	24,59	20,08	40,239	68,849	68,849	24,59	20,08	11,99	21,06	33,05
Callahuana	220	28,61	24,91	20,31	40,239	68,849	68,849	24,91	20,31	11,99	21,23	33,22
Cajamarquilla	220	28,61	25,19	20,51	40,239	68,849	68,849	25,19	20,51	11,99	21,44	33,43
Huallanca	138	28,61	24,77	20,10	40,239	68,849	68,849	24,77	20,10	11,99	21,17	33,30
Vicma	220	28,61	24,59	19,94	40,239	68,849	68,849	24,59	19,94	11,99	20,87	32,86
Tingo María	220	28,61	24,17	19,52	40,239	68,849	68,849	24,17	19,52	11,99	20,45	32,44
Aquaylla	220	28,61	23,97	19,33	40,239	68,849	68,849	23,97	19,33	11,99	20,27	32,26
Aquaylla	138	28,61	24,03	19,37	40,239	68,849	68,849	24,03	19,37	11,99	20,30	32,29
Aquaylla	22,9	28,61	24,00	19,35	40,239	68,849	68,849	24,00	19,35	11,99	20,28	32,27
Pucallba	138	28,61	24,71	19,78	40,239	68,849	68,849	24,71	19,78	11,99	20,75	32,75
Pucallba	60	28,61	24,74	19,78	40,239	2,0053	68,849	24,70	19,75	11,99	20,72	32,74
Acayacu	138	28,61	24,35	19,80	40,239	68,849	68,849	24,35	19,80	11,99	20,75	32,74
Tocachi	138	28,61	24,53	20,11	40,239	68,849	68,849	24,53	20,11	11,99	21,07	33,06
Tingo María	138	28,61	24,11	19,45	40,239	68,849	68,849	24,11	19,45	11,99	20,38	32,37
Huánuco	138	28,61	24,46	19,73	40,239	68,849	68,849	24,46	19,73	11,99	20,67	32,66
Parashita I	138	28,61	24,40	19,75	40,239	68,849	68,849	24,40	19,75	11,99	20,70	32,69
Parashita II	220	28,61	24,34	19,73	40,239	68,849	68,849	24,34	19,73	11,99	20,65	32,64
Yacui	138	28,61	23,94	19,44	40,239	68,849	68,849	23,94	19,44	11,99	20,24	32,23
Yuncán	138	28,61	24,11	19,56	40,239	68,849	68,849	24,11	19,56	11,99	20,59	32,46
Yuncán	220	28,61	24,20	19,62	40,239	68,849	68,849	24,20	19,62	11,99	20,53	32,52
Oroya Nueva	220	28,61	24,51	20,03	40,239	68,8						

PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)
VALORES BASE DE LOS PEAJES (Res. 067-2021-OS/CD y 143-2021-OS/CD)

Actualizado al 04/Diciembre/2021 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (S/./kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		3,243	1,0873	3,526
SPT de Egemsa		0,003	1,0820	0,003
SPT de San Gabán		0,004	1,0743	0,004
SPT de Antamina		0,006	1,0861	0,007
SPT de Etsevela		0,134	1,1026	0,148
SPT de Redesur		0,722	1,0873	0,785
SPT de Redesur (Adenda 8)		0,000	1,0873	0,000
SPT de Transmanto (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,026	1,0873	2,203
SPT de Transmanto (Addendum N° 8)		0,631	1,0873	0,686
SPT de Transmanto (Ampliación Adicional 1)		0,045	1,0873	0,049
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,541	1,0873	0,588
SGT Línea Chilca -Zapallal (Tramos 1 y 2)		0,528	1,0873	0,574
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paragsha y subestaciones asociadas –	0,083	1,0873	0,090
	L.T. Paragsha-Conococha y subestaciones asociadas – Tramo 2	0,114	1,0873	0,124
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,094	1,0873	0,102
	LT 220 kV Conococha-Huallanca y subestaciones asociadas –	0,214	1,0873	0,233
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas -	0,391	1,0873	0,425
SGT Línea Talara Piura 220 kV (2do circuito)		0,116	1,0873	0,126
SGT Línea Zapallal – Trujillo 500 kV		1,321	1,0873	1,436
SGT Línea Pomacocha - Carhuamayo 220 kV		0,120	1,0873	0,130
SGT Línea Socabaya - Tintaya 220 kV		0,328	1,0873	0,357
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,417	1,0873	2,628
SGT Línea Carhuauquero- Cajamarca Norte- Cáclic- Moyobamba 220 kV (1)		0,830	1,0873	0,902
SGT Línea Machupicchu-Quencoro-Onocora-Tintaya 220 kV (1)		0,733	0,0000	0,000
SGT Línea Trujillo - Chiclayo 500 KV		0,790	1,0873	0,859
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,580	1,0873	0,631
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,055	1,0873	2,234
Subestacion Carapongo y enlaces de conexión (1er etapa)		0,312	1,0873	0,339
Refuerzo de Línea Trujillo - Chiclayo		0,043	1,0873	0,047
Subestacion Carapongo (Monto Complementario)		0,004	1,0873	0,004
Línea Aguaytia - Pucallpa (2 circuito)		0,066	1,0873	0,072
Línea Nueva Yanango - Nueva Huanuco 500 kV		0,848	0,0000	0,000
Línea Mantaro - Nueva Yanango - Carapongo 500 kV		1,036	0,0000	0,000
Línea Azangaro-Julica-Puno 220 kV		0,277	1,0873	0,301
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,287	1,0823	0,311
	RF de Talara	0,903	1,2735	1,150
	RF de Ilo	1,928	1,2702	2,449
	RF de Pucallpa	0,214	1,2850	0,275
	RF de Puerto Maldonado	0,123	1,2846	0,158
	RF de Puerto Eten	1,023	1,2033	1,231
Cargo por Prima	Cogeneración Paramonga	0,205	1,0341	0,212
	C.H. Santa Cruz II	0,082	0,8659	0,071
	C.H. Santa Cruz I	0,075	0,8800	0,066
	C.H. Poechos 2	0,127	0,9528	0,121
	C.H. Roncador	0,041	0,3171	0,013
	C.H. Carhuauquero IV	0,232	0,8966	0,208
	C.H. Caña Brava	0,063	1,1270	0,071
	C.H. La Joya	0,145	0,9034	0,131
	C.T. Huaycoloro	0,149	1,1007	0,164
	C. H. Purnacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,108	0,9907	0,107
	C.H. Huasahuasi II	0,105	0,9714	0,102
	C.H. Nuevo Imperial	0,054	0,8704	0,047
	CS Repartición Solar 20T	0,417	1,1487	0,479
	CS Majes Solar 20T	0,418	1,1483	0,480
	CS Tacna Solar 20T	0,529	1,1418	0,604
	CS Panamericana Solar 20T	0,543	1,1381	0,618
	C.H. Yanapampa	0,054	0,8519	0,046
	C.H. Las Pizarras	0,236	0,9364	0,221
	C.E. Marcona	0,370	0,8946	0,331
	C.E. Talara	0,433	1,0254	0,444
	C.E. Cupisnique	1,042	0,9501	0,990
	C.H. Runatullo III	0,234	0,7692	0,180
	C.H. Runatullo II	0,183	0,7432	0,136
	CSF Moquegua FV	0,242	1,0661	0,258
	C.H. Canchayillo	0,035	0,8000	0,028
	C.T. La Gringa V	0,066	1,0909	0,072
	C.H. Chancay	0,308	0,8312	0,256
	C.H. Rucuy	0,099	0,6768	0,067
	C.E. Tres Hermanas	1,020	0,9225	0,941
	C.H. Potrero	0,183	0,7104	0,130
	C.H. Yarucaya	0,221	0,6923	0,153
	C.S. Rubi	0,715	0,6517	0,466
	C.H. Renovandes H1	0,279	0,8925	0,249
	C.S. Intipampa	0,190	0,6316	0,120
	C.E. Wayra I	0,500	0,2240	0,112
	C.B. Huaycoloro II	0,039	0,7949	0,031
	C.H. Angel I	0,105	0,6857	0,072
	C.H. Angel II	0,153	0,7320	0,112
	C.H. Angel III	0,127	0,7874	0,100
	C.H. Her	0,008	0,0000	0,000
	C.H. Carhuac	0,150	0,6733	0,101
	C.H. El Carmen	0,097	0,7113	0,069
	C.H. Zaña I	0,000	0,0000	0,000
	C.H. Manta	0,121	0,5868	0,071
	C.T. Callao	0,074	1,0676	0,079
	C.H. 8 de Agosto	0,158	0,2278	0,036
Cargo Unitario por FISE (3)		0,482	1,3071	0,630
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,3210	1,1952	2,774
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		1,9290	1,1835	2,283
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,0200	0,0000	0,000
PCSPT =				40,239

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	1,0004	1,0032	1,0131	1,0035	1,0004	1,0040	1,0131	1,0040
2	1,0000	1,0031	1,0113	1,0051	1,0000	1,0032	1,0103	1,0055
3	1,0023	1,0020	1,0109	1,0042	1,0021	1,0020	1,0091	1,0050
4	1,0139	1,0023	1,0084	1,0053	1,0118	1,0027	1,0077	1,0064
5	1,0009	1,0034	1,0297	1,0049	1,0007	1,0032	1,0230	1,0060
6	1,0020	1,0040	1,0059	1,0057	1,0017	1,0041	1,0048	1,0061
7	1,0006	1,0072	1,0046	1,0054	1,0007	1,0079	1,0044	1,0059
8	1,0013	1,0030	1,0233	1,0040	1,0007	1,0033	1,0159	1,0041
9	1,0035	1,0021	1,0085	1,0026	1,0025	1,0024	1,0071	1,0033
10	1,0021	1,0025	1,0094	1,0032	1,0047	1,0031	1,0124	1,0040
11	1,0004	1,0031	1,0130	1,0040	1,0007	1,0037	1,0192	1,0050
12	1,0036	1,0000	1,0000	1,0051	1,0027	1,0000	1,0000	1,0061
13	1,0000	1,0000	1,0100	1,0102	1,0000	1,0000	1,0095	1,0072
14	1,0000	1,0000	1,0037	1,0037	1,0000	1,0000	1,0031	1,0041

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	1,0203	1,0166	1,0000
2	1,0196	1,0165	1,0000
3	1,0195	1,0151	1,0000
4	1,0302	1,0137	1,0000
5	1,0392	1,0347	1,0000
6	1,0177	1,0116	1,0000
7	1,0179	1,0100	1,0000
8	1,0318	1,0274	1,0000
9	1,0168	1,0111	1,0000
10	1,0173	1,0126	1,0000
11	1,0206	1,0171	1,0000
12	1,0087	1,0051	1,0000
13	1,0203	1,0203	1,0000
14	1,0074	1,0074	1,0000

Desde MAT	Desde AT (1/)	Desde MT
1,0216	1,0172	1,0000
1,0191	1,0159	1,0000
1,0183	1,0141	1,0000
1,0289	1,0141	1,0000
1,0332	1,0291	1,0000
1,0168	1,0109	1,0000
1,0190	1,0103	1,0000
1,0241	1,0201	1,0000
1,0154	1,0104	1,0000
1,0244	1,0164	1,0000
1,0288	1,0243	1,0000
1,0088	1,0061	1,0000
1,0168	1,0168	1,0000
1,0072	1,0072	1,0000