

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

TARIFAS EN BARRA (Res. N° 057-2022-OS/CD y N° 129-2022-OS/CD)

FIJACION AL 01/MAYO/2022

ACTUALIZADO AL 04/Noviembre/2022 CON REDONDEO

	TENSION	PMmo	PEMPO	PEMFo
	kV	S./kW-mes	ctm. S./kW.h	ctm. S./kW.h
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)				
Zorritos	220	20.69	21.34	20.58
Taitano	220	20.69	21.19	20.46
Piura Oeste	220	20.69	21.25	20.54
Chidayo Oeste	220	20.69	21.08	20.42
Carhuauquero	220	20.69	20.74	20.14
Carhuauquero	138	20.69	20.74	20.13
Culervo	138	20.69	20.96	20.27
Jaen	138	20.69	21.16	20.46
Guadalupe	220	20.69	21.07	20.41
Guadalupe	60	20.69	21.13	20.46
Cajamarca	220	20.69	20.75	20.15
Trujillo Norte	220	20.69	20.92	20.31
Chimbole 1	220	20.69	20.80	20.22
Chimbole 1	138	20.69	20.84	20.26
Paramonga Nueva	220	20.69	20.44	19.98
Paramonga Nueva	138	20.69	20.41	19.96
Paramonga Existente	138	20.69	20.32	19.91
Huacho	220	20.69	20.42	19.98
Zapallal	220	20.69	20.46	20.05
Ventanilla	220	20.69	20.60	20.09
Lima	220	20.69	20.59	20.08
Cantera	220	20.69	20.41	19.98
Onica	220	20.69	20.81	20.06
Independencia	220	20.69	20.47	20.08
Ica	220	20.69	20.52	20.11
Marcona	220	20.69	20.62	20.06
Mantaro	220	20.69	20.94	20.14
Huayucachi	220	20.69	20.09	19.57
Pachachaca	220	20.69	20.16	19.69
Pomacocha	220	20.69	20.21	19.74
Huanacavelica	220	20.69	20.11	19.63
Callahuasaca	220	20.69	20.32	19.83
Cajamarquilla	220	20.69	20.53	20.02
Huallanca	138	20.69	20.30	19.77
Viczarra	220	20.69	20.34	19.85
Tingo Maria	220	20.69	20.45	19.90
Aguyalla	220	20.69	20.53	19.97
Aguyalla	138	20.69	20.59	20.01
Aguyalla	22.9	20.69	20.57	20.01
Pucallia	138	20.69	21.07	20.36
Pucallia	60	20.69	21.09	20.37
Acayacu	138	20.69	20.68	20.09
Toocache	138	20.69	20.87	20.26
Tingo Maria	138	20.69	20.45	19.90
Huánuco	138	20.69	20.41	19.84
Paragsha II	138	20.69	20.08	19.61
Parashsa	220	20.69	20.03	19.56
Yauca	138	20.69	19.69	19.27
Yuncan	138	20.69	19.83	19.39
Yuncan	220	20.69	19.89	19.45
Oroya Nueva	220	20.69	20.10	19.64
Oroya Nueva	138	20.69	20.11	19.65
Oroya Nueva	50	20.69	20.00	19.57
Carhuamayo	138	20.69	20.00	19.55
Carhuamayo Nueva	220	20.69	20.01	19.56
Carpis	138	20.69	20.78	19.36
Desierto	220	20.69	20.44	20.03
Condorocha	138	20.69	19.79	19.38
Condorocha	44	20.69	19.79	19.38
Madripichu	138	20.69	19.24	18.83
Cachimayo	138	20.69	20.88	20.18
Cusco	138	20.69	20.98	20.25
Combagata	138	20.69	21.32	20.59
Tilfitya	138	20.69	21.60	20.92
Awelili	138	20.69	21.40	20.66
Azángaro	138	20.69	21.27	20.51
San Gabán	138	20.69	20.42	19.71
Mazuco	138	20.69	21.12	20.13
Puerto Maldonado	138	20.69	22.94	20.67
Julica	138	20.69	21.41	20.61
Puno	138	20.69	21.39	20.61
Puno	220	20.69	21.35	20.58
Callalli	138	20.69	21.38	20.74
Sanuario	138	20.69	21.09	20.46
Arequipa	138	20.69	21.16	20.50
Socabaya	220	20.69	21.13	20.48
Cerro Verde	138	20.69	21.23	20.54
Repardición	138	20.69	21.37	20.60
Mollendo	138	20.69	21.49	20.69
Moquegua	220	20.69	21.14	20.46
Moquegua	138	20.69	21.16	20.48
Moquegua	138	20.69	21.36	20.63
Bofilaca	138	20.69	21.29	20.59
Toquepala	138	20.69	21.33	20.66
Aricota	138	20.69	21.18	20.62
Aricota	66	20.69	21.11	20.61
Tacna (Los Héroes)	220	20.69	21.23	20.51
Tacna (Los Héroes)	66	20.69	21.31	20.54
La Nina	220	20.69	21.04	20.39
Cotarusca	220	20.69	20.64	20.04
Carabayillo	220	20.69	20.54	20.02
La Ramada	220	20.69	20.57	20.02
Lumera	220	20.69	20.52	20.03
Asia	220	20.69	20.31	19.87
Alto Praderas	220	20.69	20.44	19.95
La Planicie	220	20.69	20.59	19.99
Belaudne	138	20.69	20.80	20.32
Cedric	220	20.69	20.87	20.23
Medio Mundo	220	20.69	20.43	19.98
Tintitya Nueva	220	20.69	21.56	20.88

	TENSION	PPM	PEMP	PEMF	PCSPPT	CPSEE	(PPM+PCSPPT)	(PEMP + CPSEE)	(PEMF + CPSEE)	Potencia	Energia	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. Barra (Cuadro 1)												
Zorritos	220	22.16	23.17	22.34	42.375	64.54	23.17	22.34	11.24	22.51	33.75	33.75
Taitano	220	22.16	21.65	21.10	42.375	64.54	21.65	21.10	11.24	21.21	32.45	32.45
Piura Oeste	220	22.16	23.07	22.30	42.375	64.54	23.07	22.30	11.24	22.45	33.69	33.69
Chidayo Oeste	220	22.16	22.88	22.17	42.375	64.54	22.88	22.17	11.24	22.31	33.55	33.55
Carhuauquero	220	22.16	22.52	21.86	42.375	64.54	22.52	21.86	11.24	21.99	33.23	33.23
Carhuauquero	138	22.16	22.52	21.85	42.375	64.54	22.52	21.85	11.24	21.98	33.22	33.22
Culervo	138	22.16	22.75	22.01	42.375	64.54	22.75	22.01	11.24	22.16	33.40	33.40
Jaen	220	22.16	22.97	22.21	42.375	64.54	22.97	22.21	11.24	22.38	33.60	33.60
Guadalupe	220	22.16	22.87	22.16	42.375	64.54	22.87	22.16	11.24	22.30	33.54	33.54
Guadalupe	60	22.16	22.94	22.21	42.375	64.54	22.94	22.21	11.24	22.36	33.60	33.60
Cajamarca	220	22.16	22.53	21.87	42.375	64.54	22.53	21.87	11.24	22.00	33.24	33.24
Trujillo Norte	220	22.16	22.71	22.05	42.375	64.54	22.71	22.05	11.24	22.18	33.42	33.42
Chimbole 1	220	22.16	22.58	21.95	42.375	64.54	22.58	21.95	11.24	22.08	33.32	33.32
Chimbole 1	138	22.16	22.62	21.99	42.375	64.54	22.62	21.99	11.24	22.12	33.36	33.36
Paramonga Nueva	220	22.16	22.19	21.69	42.375	64.54	22.19	21.69	11.24	21.79	33.03	33.03
Paramonga Nueva	138	22.16	22.16	21.67	42.375	64.54	22.16	21.67	11.24	21.77	33.01	33.01
Paramonga Existente	138	22.16	22.06	21.61	42.375	64.54	22.06	21.61	11.24	21.70	32.94	32.94
Huacho	220	22.16	22.17	21.69	42.375	64.54	22.17	21.69	11.24	21.79	33.03	33.03
Zapallal	220	22.16	22.37	21.77	42.375	64.54	22.37	21.77	11.24	21.88	33.12	33.12
Ventanilla	220	22.16	22.36	21.81	42.375	64.54	22.36	21.81	11.24	21.92	33.16	33.16
Lima	220	22.16	22.35	21.80	42.375	64.54	22.35	21.80	11.24	21.91	33.15	33.15
Cantera	220	22.16	22.16	21.69	42.375	64.54	22.16	21.69	11.24	21.78	33.02	33.02
Onica	220	22.16	22.37	21.77	42.375	64.54	22.37	21.77	11.24	21.88	33.12	33.12
Independencia	220	22.16	22.22	21.80	42.375	64.54	22.22	21.80	11.24	21.88	33.12	33.12
Ica	220	22.16	22.28	21.83	42.375	64.54	22.28	21.83	11.24	21.92	33.16	33.16
Marcona	220	22.16	22.29	21.78	42.375	64.54	22.29	21.78	11.24	21.90	33.14	33.14
Mantaro	220	22.16	22.47	21.85	42.375	64.54	22.47	21.85	11.24	22.01	33.25	33.25
Huayucachi	220	22.16	21.81	21.25	42.375	64.54	21.81	21.25	11.24	21.36	32.60	32.60
Pachachaca	220	22.16	21.89	21.38	42.375	64.54	21.89	21.38	11.24	21.48	32.72	32.72
Pomacocha	220	22.16	21.94	21.43	42.375	64.54	21.94	21.43	11.24	21.53	32.77	32.77
Huanacavelica	220	22.16	21.83	21.31	42.375	64.54	21.83	21.31	11.24	21.41	32.65	32.65
Callahuasaca	220	22.16	22.06	21.53	42.375	64.54	22.06	21.53	11.24	21.64	32.88	32.88
Cajamarquilla	220	22.16	22.29	21.73	42.375	64.54	22.29	21.73	11.24	21.84	33.08	33.08
Huallanca	138	22.16	22.04	21.46	42.375	64.54	22.04	21.46	11.24	21.58	32.82	32.82
Viczarra	220	22.16	22.08	21.55	42.375	64.54	22.08	21.55	11.24	21.66	32.90	32.90
Tingo Maria	220	22.16	22.20	21.60	42.375	64.54	22.20	21.60	11.24	21.72	32.96	32.96
Aguyalla	220	22.16	22.29	21.68	42.375	64.54	22.29	21.68	11.24	21.80	33.04	33.04
Aguyalla	138	22.16	22.35	21.72	42.375	64.54	22.35	21.72	11.24	21.85	33.09	33.09
Aguyalla	22.9	22.16	22.33	21.71	42.375	64.54	22.33	21.71	11.24	21.83	33.07	33.07
Pucallia	138	22.16	22.87	22.10	42.375	64.54	22.87	22.10	11.24	22.25	33.49	33.49
Pucallia	60	22.16	22.90	22.11	42.375	1.7309	22.90	22.11	11.24	22.40	35.24	35.24
Acayacu	138	22.16	22.45	21.81	42.375	64.54	22.45	21.81	11.24	21.94	33.38	33.38
Toocache	138	22.16	22.66	21.99	42.375	64.54	22.66	21.99	11.24	22.12	33.36	33.36
Tingo Maria	138	22.16	22.20	21.60	42.375	64.54	22.20	21.60	11.24	21.72	32.96	32.96
Huánuco	138	22.16	22.16	21.54	42.375	64.54	22.16	21.54	11.24	21.66	32.90	32.90
Paragsha II	138	22.16	21.80	21.29	42.375	64.54	21.80	21.29	11.24	21.39	32.63	32.63
Parashsa	220	22.16	21.74	21.23	42.375	64.54	21.74	21.23	11.24	21.33	32.57	32.57
Yauca	138	22.16	20.92	20.38	42.375	64.54	20.92	20.38	11.24	21.01	32.85	32.85
Yuncan	138	22.16	21.53	21.05	42.375	64.54	21.53	21.05				

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 196-2022-OS/CD)
FIJACION AL 04/11/2022

ACTUALIZADO AL 04/Noviembre/2022 CON REDONDEO

Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)					Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)					Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)					Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)					
TENSIÓN kV	PPM \$/MWh	PEMP \$/MWh	PEMPf \$/MWh	PEMPf \$/MWh	TENSIÓN kV	PPM \$/MWh	PEMP \$/MWh	PEMPf \$/MWh	PCST \$/MWh	CPSEE \$/MWh	(PPM+PCST) \$/MWh	(PEMP+CPSEE) \$/MWh	(PEMPf+CPSEE) \$/MWh	Potencia MVA	Energía \$/MWh	Promedio \$/MWh	Potencia MVA	Energía \$/MWh	Promedio \$/MWh	
Zorritos	220	29.73	30.44	24.89	Zorritos	220	29.73	30.44	24.89	42.375	72.105	30.44	24.89	12.56	25.89	38.25	12.56	25.89	38.25	
Talara	220	29.73	30.23	24.75	Talara	220	29.73	30.23	24.75	42.375	72.105	30.23	24.75	12.56	25.74	38.40	12.56	25.74	38.40	
Plura Oeste	220	29.73	30.32	24.85	Plura Oeste	220	29.73	30.32	24.85	42.375	72.105	30.32	24.85	12.56	25.94	38.50	12.56	25.94	38.50	
Chichayo Oeste	220	29.73	30.08	24.71	Chichayo Oeste	220	29.73	30.08	24.71	42.375	72.105	30.08	24.71	12.56	25.78	38.24	12.56	25.78	38.24	
Cathuacuero	220	29.73	29.63	24.39	Cathuacuero	220	29.73	29.63	24.39	42.375	72.105	29.63	24.39	12.56	25.63	37.59	12.56	25.63	37.59	
Cathuacuero	138	29.73	29.62	24.38	Cathuacuero	138	29.73	29.62	24.38	42.375	72.105	29.62	24.38	12.56	25.62	37.58	12.56	25.62	37.58	
Culevo	138	29.73	29.92	24.54	Culevo	138	29.73	29.92	24.54	42.375	72.105	29.92	24.54	12.56	25.81	38.17	12.56	25.81	38.17	
Jen	138	29.73	30.19	24.75	Jen	138	29.73	30.19	24.75	42.375	72.105	30.19	24.75	12.56	25.83	38.39	12.56	25.83	38.39	
Guadalupe	220	29.73	30.07	24.70	Guadalupe	220	29.73	30.07	24.70	42.375	72.105	30.07	24.70	12.56	25.77	38.33	12.56	25.77	38.33	
Guadalupe	60	29.73	30.15	24.75	Guadalupe	60	29.73	30.15	24.75	42.375	72.105	30.15	24.75	12.56	25.85	38.45	12.56	25.85	38.45	
Camana	220	29.73	29.63	24.40	Camana	220	29.73	29.63	24.40	42.375	72.105	29.63	24.40	12.56	25.64	38.00	12.56	25.64	38.00	
Trujillo Norte	220	29.73	29.87	24.59	Trujillo Norte	220	29.73	29.87	24.59	42.375	72.105	29.87	24.59	12.56	25.64	38.20	12.56	25.64	38.20	
Chimbote I	220	29.73	29.70	24.48	Chimbote I	220	29.73	29.70	24.48	42.375	72.105	29.70	24.48	12.56	25.52	38.08	12.56	25.52	38.08	
Chimbote I	138	29.73	29.75	24.53	Chimbote I	138	29.73	29.75	24.53	42.375	72.105	29.75	24.53	12.56	25.57	38.13	12.56	25.57	38.13	
Paramonga Nueva	220	29.73	29.22	24.20	Paramonga Nueva	220	29.73	29.22	24.20	42.375	72.105	29.22	24.20	12.56	25.20	37.76	12.56	25.20	37.76	
Paramonga Nueva	138	29.73	29.18	24.18	Paramonga Nueva	138	29.73	29.18	24.18	42.375	72.105	29.18	24.18	12.56	25.18	37.73	12.56	25.18	37.73	
Paramonga Existente	138	29.73	29.06	24.12	Paramonga Existente	138	29.73	29.06	24.12	42.375	72.105	29.06	24.12	12.56	25.10	37.66	12.56	25.10	37.66	
Huacho	220	29.73	29.19	24.20	Huacho	220	29.73	29.19	24.20	42.375	72.105	29.19	24.20	12.56	25.19	37.75	12.56	25.19	37.75	
Zapallar	220	29.73	29.38	24.28	Zapallar	220	29.73	29.38	24.28	42.375	72.105	29.38	24.28	12.56	25.30	37.85	12.56	25.30	37.85	
Ventanilla	220	29.73	29.43	24.32	Ventanilla	220	29.73	29.43	24.32	42.375	72.105	29.43	24.32	12.56	25.34	37.89	12.56	25.34	37.89	
Lima	220	29.73	29.42	24.31	Lima	220	29.73	29.42	24.31	42.375	72.105	29.42	24.31	12.56	25.33	37.88	12.56	25.33	37.88	
Contra	220	29.73	29.17	24.21	Contra	220	29.73	29.17	24.21	42.375	72.105	29.17	24.21	12.56	25.20	37.75	12.56	25.20	37.75	
Chica	220	29.73	28.97	24.01	Chica	220	29.73	28.97	24.01	42.375	72.105	28.97	24.01	12.56	25.00	37.55	12.56	25.00	37.55	
Independencia	220	29.73	29.26	24.32	Independencia	220	29.73	29.26	24.32	42.375	72.105	29.26	24.32	12.56	25.30	37.86	12.56	25.30	37.86	
Ica	220	29.73	29.33	24.35	Ica	220	29.73	29.33	24.35	42.375	72.105	29.33	24.35	12.56	25.34	37.90	12.56	25.34	37.90	
Marcona	220	29.73	29.46	24.29	Marcona	220	29.73	29.46	24.29	42.375	72.105	29.46	24.29	12.56	25.32	37.88	12.56	25.32	37.88	
Mantaro	220	29.73	28.53	23.59	Mantaro	220	29.73	28.53	23.59	42.375	72.105	28.53	23.59	12.56	24.57	37.41	12.56	24.57	37.41	
Huayacachi	220	29.73	29.73	23.73	Huayacachi	220	29.73	29.73	23.73	42.375	72.105	29.73	23.73	12.56	24.73	37.28	12.56	24.73	37.28	
Pachachaca	220	29.73	28.83	23.87	Pachachaca	220	29.73	28.83	23.87	42.375	72.105	28.83	23.87	12.56	24.86	37.41	12.56	24.86	37.41	
Pomacocha	220	29.73	28.90	23.93	Pomacocha	220	29.73	28.90	23.93	42.375	72.105	28.90	23.93	12.56	24.92	37.48	12.56	24.92	37.48	
Huanavelica	220	29.73	29.76	23.80	Huanavelica	220	29.73	29.76	23.80	42.375	72.105	29.76	23.80	12.56	24.96	37.59	12.56	24.96	37.59	
Calahuacilla	220	29.73	29.05	24.03	Calahuacilla	220	29.73	29.05	24.03	42.375	72.105	29.05	24.03	12.56	25.03	37.59	12.56	25.03	37.59	
Cajamarquilla	220	29.73	29.33	24.25	Cajamarquilla	220	29.73	29.33	24.25	42.375	72.105	29.33	24.25	12.56	25.26	37.82	12.56	25.26	37.82	
Huallanca	138	29.73	29.02	23.96	Huallanca	138	29.73	29.02	23.96	42.375	72.105	29.02	23.96	12.56	25.02	37.60	12.56	25.02	37.60	
Vicoria	220	29.73	29.08	24.06	Vicoria	220	29.73	29.08	24.06	42.375	72.105	29.08	24.06	12.56	25.06	37.62	12.56	25.06	37.62	
Tingo Maria	220	29.73	29.22	24.12	Tingo Maria	220	29.73	29.22	24.12	42.375	72.105	29.22	24.12	12.56	25.14	37.69	12.56	25.14	37.69	
Aguaylla	220	29.73	29.34	24.20	Aguaylla	220	29.73	29.34	24.20	42.375	72.105	29.34	24.20	12.56	25.24	37.73	12.56	25.24	37.73	
Aguaylla	138	29.73	29.41	24.24	Aguaylla	138	29.73	29.41	24.24	42.375	72.105	29.41	24.24	12.56	25.27	37.83	12.56	25.27	37.83	
Aquafila	22.9	29.73	29.38	24.22	Aquafila	22.9	29.73	29.38	24.22	42.375	72.105	29.38	24.22	12.56	25.25	37.80	12.56	25.25	37.80	
Pucallpa	138	29.73	30.07	24.64	Pucallpa	138	29.73	30.07	24.64	42.375	72.105	30.07	24.64	12.56	25.72	38.25	12.56	25.72	38.25	
Pucallpa	60	29.73	30.10	24.65	Pucallpa	60	29.73	30.10	24.65	42.375	1.7309	72.105	30.10	24.65	12.56	27.47	40.02	12.56	27.47	40.02
Arcayacu	138	29.73	29.54	24.33	Arcayacu	138	29.73	29.54	24.33	42.375	72.105	29.54	24.33	12.56	25.37	37.82	12.56	25.37	37.82	
Tocachi	138	29.73	29.79	24.52	Tocachi	138	29.73	29.79	24.52	42.375	72.105	29.79	24.52	12.56	25.79	38.13	12.56	25.79	38.13	
Tingo Maria	138	29.73	29.23	24.11	Tingo Maria	138	29.73	29.23	24.11	42.375	72.105	29.23	24.11	12.56	25.13	37.69	12.56	25.13	37.69	
Huánuco	138	29.73	29.17	24.04	Huánuco	138	29.73	29.17	24.04	42.375	72.105	29.17	24.04	12.56	25.06	37.62	12.56	25.06	37.62	
Parashati I	138	29.73	29.73	23.73	Parashati I	138	29.73	29.73	23.73	42.375	72.105	29.73	23.73	12.56	24.73	37.28	12.56	24.73	37.28	
Parashati I	220	29.73	28.65	23.73	Parashati I	220	29.73	28.65	23.73	42.375	72.105	28.65	23.73	12.56	24.71	37.27	12.56	24.71	37.27	
Yacuri	138	29.73	29.19	23.59	Yacuri	138	29.73	29.19	23.59	42.375	72.105	29.19	23.59	12.56	24.56	37.60	12.56	24.56	37.60	
Yuncán	138	29.73	29.38	23.53	Yuncán	138	29.73	29.38	23.53	42.375	72.105	29.38	23.53	12.56	24.50	37.55	12.56	24.50	37.55	
Yuncán	220	29.73	28.47	23.59	Yuncán	220	29.73	28.47	23.59	42.375	72.105	28.47	23.59	12.56	24.46	37.52	12.56	24.46	37.52	
Oroya Nueva	220	29.73	28.75	23.62	Oroya Nueva	220	29.73	28.75	23.62	42.375	72.105	28.75	23.62	12.56	24.52	37.56	12.56	24.52	37.56	
Oroya Nueva	138	29.73	28.49	23.65	Oroya Nueva	138	29.73	28.49	23.65	42.375	72.105	28.49	23.65	12.56	24.41	37.47	12.56	24.41	37.47	
Oroya Nueva	50	29.73	28.61	23.73	Oroya Nueva	50	29.73	28.61	23.73	42.375	72.105	28.61	23.73	12.56	24.70	37.26	12.56	24.70	37.26	
Cathuacuero	138	29.73	28.62	23.71	Cathuacuero	1														

PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)
VALORES BASE DE LOS PEAJES (Res. 057-2022-OS/CD y 129-2022-OS/CD)

Actualizado al 04/Noviembre/2022 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		3,629	1,0765	3,907
SPT de Egemsa		0,003	1,0693	0,003
SPT de San Gabán		0,004	1,0630	0,004
SPT de Antamina		0,006	1,0706	0,006
SPT de Eteselva		0,136	1,1235	0,153
SPT de Redesur		0,733	1,0765	0,789
SPT de Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,055	1,0765	2,212
SPT de Transmataro (Addendum N° 8)		0,641	1,0765	0,690
SPT de Transmataro (Ampliación Adicional 1)		0,045	1,0765	0,048
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,583	1,0765	0,628
SGT Línea Chilca - Zapallal (Tramos 1 y 2)		0,532	1,0765	0,573
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paraqsha v subestaciones asociadas	0,914	1,0765	0,984
	L.T. Paraqsha-Conococha v subestaciones asociadas – Tramo 2	0,000	1,0765	0,000
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,000	1,0765	0,000
	LT 220 kV Conococha-Huallanca v subestaciones asociadas –	0,000	1,0765	0,000
	LT 220 kV Huallanca-Cajamarca v subestaciones asociadas -	0,000	1,0765	0,000
SGT Línea Talara Piura 220 kV (2do circuito)		0,118	1,0765	0,127
SGT Línea Zapallal – Trujillo 500 kV		1,334	1,0765	1,436
SGT Línea Pomacocha - Carhuamayo 220 kV		0,127	1,0765	0,137
SGT Línea Socabaya - Tintaya 220 kV		0,333	1,0765	0,358
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,450	1,0765	2,637
SGT Línea Carhuauquero- Cajamarca Norte- Cádlic- Moyobamba 220 kV (1)		0,845	1,0765	0,910
SGT Línea Machupicchu-Quencoro–Onocora–Tintaya 220 kV (1)		0,710	0,0000	0,000
SGT Línea Tintaya - Azangaro 220 kV		0,087	0,0000	0,000
SGT Línea Trujillo - Chiclayo 500 kV		0,844	1,0765	0,909
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,584	1,0765	0,629
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,080	1,0765	2,239
Subestacion Carapongo y enlaces de conexión (1er etapa) y SE Carapongo (Monto Complementario)		0,326	1,0765	0,351
Refuerzo de Línea Trujillo - Chiclayo		0,000	1,0765	0,000
Subestacion Carapongo (Monto Complementario)		0,000	1,0765	0,000
Línea Aguaytia - Pucallpa (2 circuito)		0,082	1,0765	0,088
Línea Nueva Yanango - Nueva Huanuco 500 kV		0,866	0,0000	0,000
Línea Mantaro - Nueva Yanango - Carapongo 500 kV		1,058	0,0000	0,000
Línea Azangaro-Juliaca-Puno 220 kV		0,286	1,0765	0,308
Carga Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,313	1,0712	0,335
	RF de Talara	0,960	1,1833	1,136
	RF de Ilo	2,078	1,1833	2,459
	RF de Pucallpa	0,218	1,2661	0,276
	RF de Puerto Maldonado	0,126	1,2619	0,159
	RF de Puerto Eten	1,043	1,2474	1,301
Carga por Prima	Cogeneración Paramonga	0,127	1,3307	0,169
	C.H. Santa Cruz II	0,057	1,2807	0,073
	C.H. Santa Cruz I	0,052	1,2692	0,066
	C.H. Poechos 2	0,082	1,0976	0,090
	C.H. Roncador	0,032	0,3750	0,012
	C.H. Carhuauquero IV	0,180	1,2000	0,216
	C.H. Caña Brava	0,057	1,0351	0,059
	C.H. La Joya	0,115	1,5304	0,176
	C.T. Huaycoloro	0,127	1,3150	0,167
	C. H. Purmacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,071	1,2113	0,086
	C.H. Huasahuasi II	0,071	1,1690	0,083
	C.H. Nuevo Imperial	0,035	1,5429	0,054
	CS Repartición Solar 20T	0,398	1,2337	0,491
	CS Majes Solar 20T	0,399	1,2381	0,494
	CS Tacna Solar 20T	0,507	1,2327	0,625
	CS Panamericana Solar 20T	0,517	1,2321	0,637
	C.H. Yanapampa	0,036	1,3333	0,048
	C.H. Las Pizaras	0,181	1,1381	0,206
	C.E Marcona	0,257	1,4591	0,375
	C.E. Talara	0,344	1,2907	0,444
	C.E. Cupisnique	0,819	1,2918	1,058
	C.H. Runatullo III	0,185	1,3838	0,256
	C.H. Runatullo II	0,117	1,4444	0,169
	CSF Moquegua FV	0,204	1,2647	0,258
	C.H. Canchayllo	0,017	1,5882	0,027
	C.T. La Gringa V	0,053	1,2830	0,068
	C.H. Chancay	0,203	1,3596	0,276
	C.H. Rucuy	0,044	1,7273	0,076
	C.E. Tres Hermanas	0,744	1,4624	1,088
	C.H. Potrero	0,149	1,1678	0,174
	C.H. Yarucaya	0,102	1,5000	0,153
	C.S. Rubi	0,332	1,5060	0,500
	C.H. Renovandes H1	0,158	1,1266	0,178
	C.S. Intipampa	0,092	1,5543	0,143
	C.E. Wayra I	0,003	84,0000	0,252
	C.B. Huaycoloro II	0,032	1,2188	0,039
	C.H. Angel I	0,126	1,5556	0,196
	C.H. Angel II	0,160	1,4625	0,234
	C.H. Angel III	0,139	1,5036	0,209
	C.H. Her	0,002	0,0000	0,000
	C.H. Carhuac	0,080	1,6625	0,133
	C.H. El Carmen	0,061	1,0984	0,067
	C.H. Zaña 1	0,000	0,0000	0,000
	C.H. Manta	0,049	0,0000	0,000
	C.T. Callao	0,026	1,4231	0,037
	C.H. 8 de Agosto	0,093	0,7097	0,066
Carga Unitario por FISE (3)		0,473	1,2960	0,613
Carga Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,4540	1,2494	3,066
Carga Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		2,0400	1,2490	2,548
Carga Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,1060	1,2036	0,128

PCSPT =

42,375

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

Área de Demanda	MAT	MAT/AT	AT	AT/MT
1	1,0004	1,0032	1,0131	1,0035
2	1,0000	1,0031	1,0113	1,0051
3	1,0023	1,0020	1,0109	1,0042
4	1,0139	1,0023	1,0084	1,0053
5	1,0009	1,0034	1,0297	1,0049
6	1,0020	1,0040	1,0059	1,0057
7	1,0006	1,0072	1,0046	1,0054
8	1,0013	1,0030	1,0233	1,0040
9	1,0035	1,0021	1,0085	1,0026
10	1,0021	1,0025	1,0094	1,0032
11	1,0004	1,0031	1,0130	1,0040
12	1,0036	1,0000	1,0000	1,0051
13	1,0000	1,0000	1,0100	1,0102
14	1,0000	1,0000	1,0037	1,0037

FPMdE

MAT	MAT/AT	AT	AT/MT
1,0004	1,0040	1,0131	1,0040
1,0000	1,0032	1,0103	1,0055
1,0021	1,0020	1,0091	1,0050
1,0118	1,0027	1,0077	1,0064
1,0007	1,0032	1,0230	1,0060
1,0017	1,0041	1,0048	1,0061
1,0007	1,0079	1,0044	1,0059
1,0007	1,0033	1,0159	1,0041
1,0025	1,0024	1,0071	1,0033
1,0047	1,0031	1,0124	1,0040
1,0007	1,0037	1,0192	1,0050
1,0027	1,0000	1,0000	1,0061
1,0000	1,0000	1,0095	1,0072
1,0000	1,0000	1,0031	1,0041

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

FPMdP

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

FPMdE

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