

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

TARIFAS EN BARRA (Res. N° 051-2024-OS/CD y 108-2024-OS/CD)

FIJACION AL 01/MAYO/2024

ACTUALIZADO AL 04/Diciembre/2024 CON REDONDEO

	TENSION	PPmo	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	22.12	24.42	22.94
Talara	220	22.12	24.22	22.79
Plura Oeste	220	22.12	24.25	22.83
Chidayo Oeste	220	22.12	24.11	22.72
Carhuauquero	220	22.12	23.78	22.45
Carhuauquero	138	22.12	23.78	22.44
Culervo	138	22.12	23.99	22.58
Jaen	138	22.12	24.18	22.76
Guadalupe	220	22.12	24.03	22.66
Guadalupe	60	22.12	24.07	22.70
Cajamarca	220	22.12	23.81	22.49
Trujillo Norte	220	22.12	23.91	22.55
Chimbole 1	220	22.12	23.77	22.43
Chimbole 1	138	22.12	23.81	22.47
Paramonga Nueva	220	22.12	23.47	22.15
Paramonga Nueva	138	22.12	23.42	22.21
Paramonga Existente	138	22.12	23.28	22.13
Huacho	220	22.12	23.42	22.20
Zapallal	220	22.12	23.47	22.15
Ventanilla	220	22.12	23.50	22.19
Lima	220	22.12	23.49	22.18
Cantera	220	22.12	23.12	21.92
Orlica	220	22.12	22.99	21.75
Independencia	220	22.12	23.15	22.01
Ica	220	22.12	23.12	21.97
Marcona	220	22.12	23.58	22.26
Mantaro	220	22.12	22.81	22.47
Huayvachachi	220	22.12	22.97	21.73
Pachachaca	220	22.12	23.12	21.88
Pomacocha	220	22.12	23.14	21.90
Huanzapeclica	220	22.12	22.94	21.73
Callahuasaca	220	22.12	23.23	21.96
Cajamarquilla	220	22.12	23.41	22.12
Huallanca	138	22.12	23.34	22.06
Vicosma	220	22.12	23.52	22.26
Tingo Maria	220	22.12	23.74	22.41
Aguyaylla	220	22.12	23.83	22.48
Aguyaylla	138	22.12	23.80	22.53
Aguyaylla	22.9	22.12	23.87	22.51
Pucallpa	138	22.12	24.46	22.94
Pucallpa	60	22.12	24.48	22.95
Acayacu	138	22.12	24.02	22.65
Toocache	138	22.12	24.21	22.83
Tingo Maria	138	22.12	23.77	22.44
Huanuco	138	22.12	23.59	22.24
Paragsha II	138	22.12	23.13	21.89
Parashtha	220	22.12	23.06	21.83
Yaupi	220	22.12	22.89	21.61
Yuncan	138	22.12	22.83	21.64
Yuncan	220	22.12	22.89	21.69
Oroya Nueva	220	22.12	23.07	21.85
Oroya Nueva	138	22.12	22.86	21.68
Oroya Nueva	50	22.12	22.95	21.76
Carhuamayo	138	22.12	22.98	21.76
Carhuamayo Nueva	220	22.12	23.02	21.80
Carpis	220	22.12	22.72	21.55
Desierto	220	22.12	23.17	22.00
Condorcocha	138	22.12	22.74	21.57
Condorcocha	44	22.12	22.74	21.57
Madripichu	138	22.12	22.42	21.89
Cachimayo	138	22.12	24.19	22.57
Cusco	138	22.12	24.28	22.63
Comabapata	138	22.12	24.65	22.99
Tiriteya	138	22.12	24.32	23.12
Ayewil	138	22.12	24.72	23.12
Azángaro	138	22.12	24.59	23.00
San Gaban	138	22.12	23.31	21.95
Mazuco	138	22.12	23.91	22.22
Puerto Maldonado	138	22.12	25.34	22.50
Julica	138	22.12	24.75	23.11
Puno	138	22.12	24.72	23.09
Puno	220	22.12	24.67	23.05
Callalli	138	22.12	24.79	23.22
Santuario	138	22.12	24.44	22.90
Arequipa	138	22.12	24.40	22.85
Scobayya	220	22.12	24.37	22.83
Cerro Verde	138	22.12	24.48	22.89
Repación	138	22.12	24.63	22.92
Mollendo	138	22.12	24.77	23.02
Moquegua	220	22.12	24.36	22.82
Moquegua	138	22.12	24.39	22.85
Moquegua	138	22.12	24.61	23.02
Bofilaca	138	22.12	24.54	23.00
Toquepala	138	22.12	24.59	23.05
Aricota	138	22.12	24.48	23.03
Aricota	66	22.12	24.43	23.03
Tacna (Los Héroes)	220	22.12	24.45	22.87
Tacna (Los Héroes)	66	22.12	24.53	22.90
La Niña	220	22.12	24.05	22.66
Cotacusa	220	22.12	23.89	22.34
Carabayillo	220	22.12	23.44	22.12
La Ramada	220	22.12	23.64	22.34
Lumera	220	22.12	23.46	22.19
Asia	220	22.12	23.04	21.81
Alto Praderas	220	22.12	23.16	21.89
La Planicie	220	22.12	23.47	22.13
Belisunde	138	22.12	24.21	22.77
Cediz	220	22.12	24.06	22.65
Medio Mundo	220	22.12	23.45	22.21
Tintaya Nueva	220	22.12	24.83	23.24
Valle Chira	220	22.12	22.95	21.73
Chincha Nueva	220	22.12	23.96	22.56
Nazca Nueva	220	22.12	23.82	21.82
Chiribamba	220	22.12	23.62	22.27

	TENSION	PPM	PEMP	PEMF	PCSP	CPSEE	(PPM+PCSP)	(PEMP+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. Barra (Cuadro 1)												
Zorritos	220	22.12	24.42	22.94	39.872		61.99	24.42	22.94	10.80	23.23	34.03
Talara	220	22.12	24.22	22.79	39.872		61.99	24.22	22.79	10.80	23.07	33.87
Plura Oeste	220	22.12	24.25	22.83	39.872		61.99	24.25	22.83	10.80	23.11	33.91
Chidayo Oeste	220	22.12	24.11	22.72	39.872		61.99	24.11	22.72	10.80	23.00	33.79
Carhuauquero	220	22.12	23.78	22.45	39.872		61.99	23.78	22.45	10.80	22.71	33.51
Carhuauquero	138	22.12	23.78	22.44	39.872		61.99	23.78	22.44	10.80	22.71	33.51
Culervo	138	22.12	23.99	22.58	39.872		61.99	23.99	22.58	10.80	22.86	33.66
Jaen	138	22.12	24.18	22.76	39.872		61.99	24.18	22.76	10.80	23.04	33.84
Guadalupe	220	22.12	24.03	22.66	39.872		61.99	24.03	22.66	10.80	22.93	33.73
Guadalupe	60	22.12	24.07	22.70	39.872		61.99	24.07	22.70	10.80	22.97	33.77
Cajamarca	220	22.12	23.81	22.47	39.872		61.99	23.81	22.47	10.80	22.74	33.53
Trujillo Norte	220	22.12	23.91	22.55	39.872		61.99	23.91	22.55	10.80	22.82	33.62
Chimbote 1	220	22.12	23.77	22.43	39.872		61.99	23.77	22.43	10.80	22.70	33.49
Chimbote 1	138	22.12	23.81	22.47	39.872		61.99	23.81	22.47	10.80	22.74	33.53
Paramonga Nueva	220	22.12	23.47	22.23	39.872		61.99	23.47	22.23	10.80	22.48	33.27
Paramonga Nueva	138	22.12	23.42	22.21	39.872		61.99	23.42	22.21	10.80	22.45	33.25
Paramonga Existente	138	22.12	23.28	22.13	39.872		61.99	23.28	22.13	10.80	22.36	33.15
Huacho	220	22.12	23.42	22.20	39.872		61.99	23.42	22.20	10.80	22.44	33.24
Zapallal	220	22.12	23.47	22.15	39.872		61.99	23.47	22.15	10.80	22.48	33.27
Ventanilla	220	22.12	23.50	22.19	39.872		61.99	23.50	22.19	10.80	22.45	33.25
Lima	220	22.12	23.49	22.18	39.872		61.99	23.49	22.18	10.80	22.44	33.24
Cantera	220	22.12	23.12	21.92	39.872		61.99	23.12	21.92	10.80	22.16	32.95
Orlica	220	22.12	22.99	21.75	39.872		61.99	22.99	21.75	10.80	22.07	32.79
Independencia	220	22.12	23.15	22.01	39.872		61.99	23.15	22.01	10.80	22.24	33.03
Ica	220	22.12	23.12	21.97	39.872		61.99	23.12	21.97	10.80	22.20	32.99
Marcona	220	22.12	23.58	22.26	39.872		61.99	23.58	22.26	10.80	22.52	33.32
Mantaro	220	22.12	22.81	22.47	39.872		61.99	22.81	22.47	10.80	22.17	32.87
Huayvachachi	220	22.12	22.97	21.73	39.872		61.99	22.97	21.73	10.80	21.98	32.77
Pachachaca	220	22.12	23.12	21.88	39.872		61.99	23.12	21.88	10.80	22.13	32.92
Pomacocha	220	22.12	23.14	21.90	39.872		61.99	23.14	21.90	10.80	22.15	32.94
Huanzapeclica	220	22.12	22.94	21.73	39.872		61.99	22.94	21.73	10.80	21.97	32.77
Callahuasaca	220	22.12	23.23	21.96	39.872		61.99	23.23	21.96	10.80	22.21	33.01
Cajamarquilla	220	22.12	23.41	22.12	39.872		61.99	23.41	22.12	10.80	22.38	33.17
Huallanca	138	22.12	23.34	22.06	39.872		61.99	23.34	22.06	10.80	22.31	33.11
Vicosma	220	22.12	23.52	22.26	39.872		61.99	23.52	22.26	10.80	22.51	33.31
Tingo Maria	220	22.12	23.74	22.41	39.872		61.99	23.74	22.41	10.80	22.67	33.47
Aguyaylla	220	22.12	23.83	22.48	39.872		61.99	23.83	22.48	10.80	22.75	33.54
Aguyaylla	138	22.12	23.80	22.53	39.872		61.99	23.80	22.53	10.80	22.80	33.60
Aguyaylla	22.9	22.12	23.87	22.51	39.872		61.99	23.87	22.51	10.80	22.78	33.58
Pucallpa	138	22.12	24.46	22.94	39.872		61.99	24.46	22.94	10.80	23.04	34.04
Pucallpa	60	22.12	24.48	22.95	39.872	1.4717	61.99	25.95	24.42	10.80	24.72	35.52
Acayacu	138	22.12	24.02	22.65	39.872		61.99	24.02	22.65	10.80	22.92	33.72
Toocache	138	22.12	24.21	22.83	39.872		61.99	24.21	22.83	10.80	23.10	33.90
Tingo Maria	138	22.12	23.77	22.44	39.872		61.99	23.77	22.44	10.80	22.75	33.47
Huanuco	138	22.12	23.59	22.24	39.872		61.99	23.59	22.24	10.80	22.51	33.30
Paragsha II	138	22.12	23.13	21.89	39.872		61.99	23.13	21.89	10.80	22.14	32.93
Parashtha	220	22.12	23.06	21.83	39.872		61.99	23.06	21.83	10.80	22.07	32.87
Yaupi	220	22.12	22.89	21.61	39.872		61.99	22.89	21.61	10.80	21.74	32.79
Yuncan	138	22.12	22.83	21.64	39.872		61.99	22.83	21.64	10.80	21.88	32.67
Yuncan	220	22.12	22.89	21.69	39.872		61.99	22.89	21.69	10.80	21.93	32.72
Oroya Nueva	220	22.12	23.07	21.85	39.872		61.99	23.07	21.85	10.80	22.09	32.89
Oroya Nueva	138	22.12	22.86	21.68	39.872		61.99	22.86	21.68	10.80	21.91	32.71
Oroya Nueva	50	22.12	22.95	21.76	39.872		61.99	22.95	21.76	10.80	22.00	32.79
Carhuamayo	138	22.12	22.98	21.76	39.872		61.99	22.98	21.76	10.80	22.00	32.80
Carhuamayo Nueva	220	22.12	23.02	21.80	39.872		61.99	23.02	21.80	10.80	22.04	32.84
Carhuamayo	138	22.12	22.72	21.57	39.872		61.99	22.72	21.57	10.80	21.78	32.58
Desierto	220	22.12	23.17	22.00	39.872		61.99	23.17	22.00	10.80	22.23	33.03
Condorchoca	220	22.12	22.74	21.57	39.872		61.99	22.74	21.57	10.80	21.80	32.60
Condorchoca	44	22.12	22.74	21.57	39.872		61.99	22.74	21.57	10.80	21.80	32.60
Madchupichu	220	22.12	23.42	21.89	39.872		61.99	23.42	21.89	10.80	22.19	32.99
Chichaymo	138	22.12	23.19	21.97	39.872		61.99	23.19	21.97	10.80	22.28	33.08
Cusco	138	22.12	24.28	22.63	39.872		61.99	24.28	22.63	10.80	22.96	33.75
Comabata	138	22.12	24.65	22.99	39.872		61.99	24.65	22.99	10.80	23.32	34.12
Tintaya	138	22.12	24.92	23.32	39.872		61.99	24.92	23.32	10.80	23.64	34.43
Aviata	138	22.12	24.72	23.12	39.872		61.99	24.72	23.12	10.80	23.42	34.12
Azangaro	138	22.12	24.59	23.00	39.872		61.99	24.59	23.00	10.80	23.32	34.11
San Gaban	138	22.12	23.36	21.95	39.872		61.99	23.36	21.95	10.80	22.33	33.03
Mazuco	138	22.12	23.91	22.22	39.872		61.99	23.91	22.22	10.80	22.56	33.35
Puerto Maldonado	220	22.12	24.34	22.87	39.872		61.99	24.34	22.87	10.80	23.08	33.68
Juliana	138	22.12	24.75	23.11	39.872		61.99	24.75	23.11	10.80	23.44	34.23
Puno	220	22.12	24.72	23.09	39.872		61.99	24.72	23.09	10.80	23.31	34.21
Puno	220	22.12	24.67	23.05	39.872		61.99	24.67	23.05	10.80	23.27	34.17
Puno	220	22.12	24.79	23.07	39.872		61.99	24.79	23.07	10.80	23.33	34.23
Santuario	138	22.12	24.44	22.90	39.872		61.99	24.44	22.90	10.80	23.21	34.00
Arequipa	138	22.12	24.40	22.85	39.872		61.99	24.40	22.85	10.80	23.16	33.95
Soabaya	220	22.12	24.37	22.83	39.872		61.99	24.37	22.83	10.80	23.14	33.93
Siero Verde	138	22.12	24.48	22.89	39.872		61.99	24.48	22.89	10.80	23.21	34.00
Reparticion	138	22.12	24.63	23.02	39.872		61.99	24.63	23.02	10.80	23.29	34.02
Mollendo	138	22.12	24.77	23.02	39.872		61.99	24.77	23.02	10.80	23.37	34.16
Moquegua	220	22.12	24.36	22.82	39.872		61.99	24.36	22.82	10.80	23.13	33.92
Moquegua	138	22.12	24.39	22.85	39.872		61.99	24.39	22.85	10.80	23.16	33.95
Re ELS	220	22.12	24.61	23.00	39.872		61.99	24.61	23.00	10.80	23.34	34.03
Botifacha	138	22.12	24.54	23.00	39.872		61.99	24.54	23.00	10.80	23.31	34.10
Toquepala	138	22.12	24.59	23.05	39.872		61.99	24.59	23.05	10.80	23.36	34.11
Ancocha	138	22.12	24.48	23.03	39.872	0.5992	61.99	24.48	23.03	10.80	23.32	34.15
66	22.12	24.43	23.02	39.872		0.5992	61.99	24.43	23.02	10.80	23.33	34.10
Tacna (Los Héroes)	220	22.12	24.45	22.87	39.872		61.99	24.45	22.87	10.80	23.18	33.86
Tacna (Los Héroes)	66	22.12	24.53	22.90	39.872		61.99	25.13	23.50	10.80	23.82	34.62
La Nina	220	22.12	24.45	22.86	39.872		61.99	24.45	22.86	10.80	23.24	33.73
19	22.12	24.89	23.46	39.872			61.99	25.89	23.46	10.80	23.65	34.44
Carabaya	220	22.12	23.44	22.12	39.872		61.99	23.44	22.12	10.80	22.38	33.18
La Ramada	220	22.12	23.64	22.34	39.872		61.99	23.64	22.34	10.80	22.60	33.39
Lomera	220	22.12	23.46	22.19	39.872		61.99	23.46	22.19	10.80	22.44	33.24
22	22.12	23.04	21.89	39.872			61.99	23.04	21.89	10.80	22.05	32.85
Alto Praderas	220	22.12	23.16	21.89	39.872		61.99	23.16	21.89	10.80	22.14	32.94
La Planicie	220	22.12	23.47	22.13	39.872		61.99	23.47	22.13	10.80	22.40	33.19
Belaunde	138	22.12	24.21	22.77	39.872		61.99	24.21	22.77	10.80	23.06	33

PRECICIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 179-2024-OS/CD)

FIJACIÓN AL 04/11/2024

ACTUALIZADO AL 04/Diciembre/2024 CON REDONDEO

TENSIÓN										TENSIÓN										TENSIÓN									
KV										KV										KV									
S/A/W-h										S/A/W-h										S/A/W-h									
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PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)
VALORES BASE DE LOS PEAJES (Res. N° 051-2024-OS/CD y 108-2024-OS/CD)

Actualizado al 04/Diciembre/2024 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		4,269	1,0000	4,269
SPT de REP (Ampliación 21)		0,088	0,0000	0,000
SPT de Egemsa		0,003	1,0000	0,003
SPT de San Gabán		0,004	1,0000	0,004
SPT de Antamina		0,005	1,0000	0,005
SPT de ISA Perú (Ex Eteselva)		0,132	1,0000	0,132
SPT de Redesur		0,746	1,0000	0,746
SPT de Transmancora (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,105	1,0000	2,105
SPT de Transmancora (Addendum N° 8)		0,655	1,0000	0,655
SPT de Transmancora (Ampliación Adicional 1)		0,046	1,0000	0,046
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,530	1,0000	0,530
SGT Línea Chilca - Zapallal (Tramos 1 y 2)		0,552	1,0000	0,552
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paragsha y subestaciones asociadas –	0,922	1,0000	0,922
	L.T. Paragsha-Conococha y subestaciones asociadas – Tramo 2	0,000	1,0000	0,000
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,000	1,0000	0,000
	LT 220 kV Conococha-Huallanca y subestaciones asociadas – Tramo 3	0,000	1,0000	0,000
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas – Tramo 4	0,000	1,0000	0,000
SGT Línea Talara Piura 220 kV (2do circuito)		0,121	1,0000	0,121
SGT Línea Zapallal – Trujillo 500 kV		1,348	1,0000	1,348
SGT Línea Pomacocha - Carhuamayo 220 kV		0,130	1,0000	0,130
SGT Línea Socabaya - Tintaya 220 kV		0,342	1,0000	0,342
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,483	1,0000	2,483
SGT Línea Carhuauquero- Cajamarca Norte- Cáclio- Moyobamba 220 kV (1)		0,861	1,0000	0,861
SGT Línea Machupicchu–Quencora–Onocora–Tintaya 220 kV (1)		0,676	0,0000	0,000
SGT Línea Tintaya - Azangaro 220 kV		0,096	1,0000	0,096
SGT Línea La Niña - Piura 500 kV		0,453	0,0000	0,000
SGT Pariñas - Nueva Tumbes 220 kV		0,170	0,0000	0,000
SGT Tingo María - Aguaytia 220 kV		0,114	0,0000	0,000
SGT Línea Trujillo - Chiclayo 500 kV		0,860	1,0000	0,860
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,595	1,0000	0,595
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,110	1,0000	2,110
Subestación Carapongo y enlaces de conexión (1er etapa) y SE Carapongo (Monto Complementario)		0,332	1,0000	0,332
Refuerzo de Línea Trujillo - Chiclayo		0,000	1,0000	0,000
Subestación Carapongo (Monto Complementario)		0,000	1,0000	0,000
Reconfiguración de LT Chilca-La Planicie-Carabayillo		0,019	1,0078	0,019
2do Transformador 500/220 kV - 600 MVA en la S.E. Chilca		0,087	1,0078	0,088
Ampliación de barras 500 kV en SE Carabayillo		0,013	1,0078	0,013
Ampliación de la Subestación La Planicie 220 kV		0,121	1,0000	0,121
Línea Aguaytia - Pucallpa (2 circuito)		0,069	1,0000	0,069
Línea Nueva Yanango - Nueva Huanuco 500 kV		0,922	0,0000	0,000
Línea Mantaro - Nueva Yanango - Carapongo 500 kV		1,165	1,0000	1,165
Línea Azangaro-Juliaca-Puno 220 kV		0,292	1,0000	0,292
Ampliación de la SE Montalvo 500/220 kV (2do Transformador)		0,078	0,0000	0,000
Ampliación de la SE Poroma 500/220 kV (2do Transformador)		0,081	0,0000	0,000
SE Nueva Tumbes 220/60 kV - 75 MVA		0,059	0,0000	0,000
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,313	1,0000	0,313
	RF de Talara	0,981	1,0703	1,050
	RF de Ilo	2,132	1,0694	2,280
	RF de Pucallpa	0,234	1,0726	0,251
	RF de Puerto Maldonado	0,135	1,0741	0,145
	RF de Puerto Eten	1,114	1,0691	1,191
Cargo por Prima	Cogeneración Paramonga	0,026	2,2308	0,058
	C.H. Santa Cruz II	0,047	1,3830	0,065
	C.H. Santa Cruz I	0,041	1,3902	0,057
	C.H. Poechos 2	0,000	0,0000	0,000
	C.H. Roncador	0,030	1,4000	0,042
	C.H. Carhuauquero IV	0,172	1,7384	0,299
	C.H. Caña Brava	0,059	1,0508	0,062
	C.H. La Joya	0,015	0,0000	0,000
	C.T. Huaycoloro	0,140	0,8786	0,123
	C. H. Purmacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,082	1,6098	0,132
	C.H. Huasahuasi II	0,088	1,4091	0,124
	C.H. Nuevo Imperial	0,017	1,8235	0,031
	CS Repartición Solar 20T	0,419	1,1002	0,461
	CS Majes Solar 20T	0,421	1,0998	0,463
	CS Tacna Solar 20T	0,531	1,0979	0,583
	CS Panamericana Solar 20T	0,543	1,0976	0,596
	C.H. Yanapampa	0,020	1,6500	0,033
	C.H. Las Pizarras	0,191	1,2827	0,245
	C.E. Marcona	0,201	1,0697	0,215
	C.E. Talara	0,194	2,0361	0,395
	C.E. Cupisnique	0,590	1,7898	1,056
	C.H. Runatullo III	0,188	1,2553	0,236
	C.H. Runatullo II	0,139	1,2230	0,170
	CSF Moquegua FV	0,219	1,1142	0,244
	C.H. Canchayillo	0,000	0,0000	0,000
	C.T. La Gringa V	0,057	0,4386	0,025
	C.H. Chancay	0,114	1,5877	0,181
	C.H. Rucuy	0,000	0,0000	0,000
	C.E. Tres Hermanas	0,559	1,4884	0,832
	C.H. Potrero	0,131	1,6718	0,219
	C.H. Yarucaja	0,116	1,7069	0,198
	C.S. Rubi	0,000	0,0000	0,000
	C.H. Renovandes H1	0,071	2,3099	0,164
	C.S. Intipampa	0,000	0,0000	0,000
	C.E. Wayra I	0,000	0,0000	0,000
	C.B. Huaycoloro II	0,023	1,3478	0,031
	C.H. Angel I	0,091	1,7363	0,158
	C.H. Angel II	0,145	1,3103	0,190
	C.H. Angel III	0,139	1,3094	0,182
	C.H. Her	0,000	0,0000	0,000
	C.H. Carhuac	0,023	3,2609	0,075
	C.H. El Carmen	0,051	1,7059	0,087
	C.H. Zaña 1	0,000	0,0000	0,000
	C.H. Manta	0,000	0,0000	0,000
	C.T. Callao	0,021	0,9048	0,019
	C.H. 8 de Agosto	0,113	1,7699	0,200
Cargo Unitario por FISE (3)		0,414	1,0845	0,449
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,584	1,0538	2,723
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		1,9800	0,9808	1,942
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,4410	0,5967	0,263
		PCSPT =		39,872

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