

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/Julio/2022 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	20.69	21.34	20.58
Talara	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
Carhuazquero	220	20.69	20.74	20.14
Carhuazquero	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
Chimbo 1	220	20.69	20.80	20.22
Chimbo 1	138	20.69	20.84	20.26
Paramonga Nueva	220	20.69	20.44	19.84
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	20.45	19.94
Ventanilla	220	20.69	20.60	20.09
Lima	220	20.69	20.59	20.08
Cantera	220	20.69	20.41	19.98
Olivia	220	20.69	20.26	19.81
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	20.44	19.83
Huayucachi	220	20.69	20.09	19.57
Pachachaca	220	20.69	20.16	19.69
Pomacocha	220	20.69	20.21	19.74
Huanzavelica	220	20.69	20.11	19.63
Callahuana	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
Aguyaylla	220	20.69	20.53	19.97
Aguyaylla	138	20.69	20.59	20.01
Aguyaylla	22.9	20.69	20.57	20.00
Pucallpa	138	20.69	21.07	20.36
Pucallpa	60	20.69	21.09	20.37
Aucayacu	138	20.69	20.68	20.09
Toache	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
Paragsha	220	20.69	20.03	19.56
Yauy	138	20.69	19.69	19.27
Yuncán	138	20.69	19.83	19.39
Yuncán	220	20.69	19.89	19.45
Oroya Nueva	220	20.69	20.10	19.64
Oroya Nueva	138	20.69	20.31	19.81
Oroya Nueva	50	20.69	20.00	19.57
Carhuamayo	138	20.69	20.00	19.55
Carhuamayo Nueva	220	20.69	20.01	19.55
Carpa	138	20.69	20.78	20.36
Desierto	220	20.69	20.44	20.03
Condorocha	138	20.69	19.79	19.38
Condorocha	44	20.69	19.79	19.38
Machapichu	138	20.69	20.24	19.63
Cachimayo	138	20.69	20.88	20.18
Cusco	138	20.69	20.98	20.25
Combapata	138	20.69	21.32	20.59
Tintitaya	220	20.69	21.60	20.92
Aweti	138	20.69	21.40	20.66
Azángaro	138	20.69	21.27	20.51
San Gabán	138	20.69	20.42	19.71
Mazuc	138	20.69	21.12	20.13
Puerto Maldonado	138	20.69	22.94	20.57
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	21.74	20.74
Santuario	138	20.69	21.09	20.46
Arequipa	138	20.69	21.16	20.50
Scobayta	220	20.69	21.13	20.48
Cerro Verde	138	20.69	21.23	20.54
Repatriación	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	21.38	20.74
Io ELS	138	20.69	21.26	20.63
Boflilaca	138	20.69	21.29	20.61
Toquepala	138	20.69	21.33	20.66
Aricota	220	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
Cotaruse	220	20.69	20.64	20.04
Carabayillo	220	20.69	20.54	20.02
La Ramada	220	20.69	20.57	20.02
Lomera	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
Belisunde	138	20.69	20.90	20.32
Cediz	220	20.69	20.97	20.23
Medio Mundo	220	20.69	20.43	19.98
Tintitaya Nueva	220	20.69	21.56	20.88

	TENSION	PPM	PEMP	PEMF	PCSPT	CPSEE	(PPM+PCSPT)	(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	
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)												
Zorritos	220	21.34	22.06	21.27	36.844		58.18	22.06	21.27	10.13	21.43	31.56
Talara	220	21.34	21.90	21.15	36.844		58.18	21.90	21.15	10.13	21.30	31.43
Piura Oeste	220	21.34	21.97	21.23	36.844		58.18	21.97	21.23	10.13	21.38	31.51
Chidayo Oeste	220	21.34	21.79	21.11	36.844		58.18	21.79	21.11	10.13	21.25	31.38
Carhuazquero	220	21.34	21.44	20.82	36.844		58.18	21.44	20.82	10.13	20.94	31.08
Carhuazquero	138	21.34	21.44	20.81	36.844		58.18	21.44	20.81	10.13	20.94	31.07
Culervo	138	21.34	21.67	20.95	36.844		58.18	21.67	20.95	10.13	21.09	31.23
Jaen	138	21.34	21.87	21.15	36.844		58.18	21.87	21.15	10.13	21.29	31.43
Guadalupe	220	21.34	21.78	21.10	36.844		58.18	21.78	21.10	10.13	21.24	31.37
Guadalupe	60	21.34	21.84	21.15	36.844		58.18	21.84	21.15	10.13	21.29	31.42
Cajamarca	220	21.34	21.45	20.83	36.844		58.18	21.45	20.83	10.13	20.95	31.09
Trujillo Norte	220	21.34	21.63	20.99	36.844		58.18	21.63	20.99	10.13	21.12	31.25
Chimbole 1	220	21.34	21.50	20.90	36.844		58.18	21.50	20.90	10.13	21.02	31.15
Chimbole 1	138	21.34	21.54	20.94	36.844		58.18	21.54	20.94	10.13	21.06	31.19
Paramonga Nueva	220	21.34	21.13	20.65	36.844		58.18	21.13	20.65	10.13	20.75	30.88
Paramonga Nueva	138	21.34	21.10	20.63	36.844		58.18	21.10	20.63	10.13	20.72	30.86
Paramonga Existente	138	21.34	21.00	20.58	36.844		58.18	21.00	20.58	10.13	20.66	30.80
Huacho	220	21.11	21.05	20.65	36.844		58.18	21.05	20.65	10.13	20.74	30.87
Zapallal	220	21.34	21.25	20.73	36.844		58.18	21.25	20.73	10.13	20.83	30.97
Ventanilla	220	21.34	21.29	20.77	36.844		58.18	21.29	20.77	10.13	20.87	31.01
Lima	220	21.34	21.28	20.76	36.844		58.18	21.28	20.76	10.13	20.86	31.00
Cantera	220	21.34	21.10	20.65	36.844		58.18	21.10	20.65	10.13	20.74	30.87
Olivia	220	21.34	20.94	20.48	36.844		58.18	20.94	20.48	10.13	20.57	30.70
Independencia	220	21.34	21.16	20.76	36.844		58.18	21.16	20.76	10.13	20.84	30.97
Ica	220	21.34	21.21	20.79	36.844		58.18	21.21	20.79	10.13	20.87	31.01
Marcona	220	21.34	21.31	20.74	36.844		58.18	21.31	20.74	10.13	20.85	30.99
Mantaro	220	21.34	20.61	20.10	36.844		58.18	20.61	20.10	10.13	20.20	30.33
Huayucachi	220	21.34	20.77	20.23	36.844		58.18	20.77	20.23	10.13	20.34	30.47
Pachachaca	220	21.34	20.84	20.35	36.844		58.18	20.84	20.35	10.13	20.45	30.58
Pomacocha	220	21.34	20.89	20.41	36.844		58.18	20.89	20.41	10.13	20.51	30.64
Huanzavelica	220	21.34	20.79	20.29	36.844		58.18	20.79	20.29	10.13	20.39	30.52
Callahuana	220	21.34	21.00	20.50	36.844		58.18	21.00	20.50	10.13	20.60	30.73
Cajamarquilla	220	21.34	21.22	20.69	36.844		58.18	21.22	20.69	10.13	20.80	30.93
Huallanca	138	21.34	20.98	20.44	36.844		58.18	20.98	20.44	10.13	20.55	30.68
Viczarra	220	21.34	21.03	20.52	36.844		58.18	21.03	20.52	10.13	20.62	30.75
Tingo Maria	220	21.34	21.14	20.57	36.844		58.18	21.14	20.57	10.13	20.68	30.82
Aguyaylla	220	21.34	21.22	20.64	36.844		58.18	21.22	20.64	10.13	20.76	30.89
Aguyaylla	138	21.34	21.28	20.68	36.844		58.18	21.28	20.68	10.13	20.80	30.93
Aguyaylla	22.9	21.34	21.26	20.67	36.844		58.18	21.26	20.67	10.13	20.79	30.92
Pucallpa	138	21.34	21.78	21.05	36.844		58.18	21.78	21.05	10.13	21.20	31.33
Pucallpa	60	21.34	21.80	21.06	36.844	1.6676	58.18	23.47	22.73	10.13	22.88	33.01
Aucayacu	138	21.34	21.38	20.77	36.844		58.18	21.38	20.77	10.13	20.89	31.02
Toache	138	21.34	21.57	20.94	36.844		58.18	21.57	20.94	10.13	21.07	31.20
Tingo Maria	138	21.34	21.14	20.51	36.844		58.18	21.14	20.51	10.13	20.63	30.76
Huánuco	138	21.34	21.10	20.51	36.844		58.18	21.10	20.51	10.13	20.63	30.76
Paragsha II	138	21.34	20.76	20.27	36.844		58.18	20.76	20.27	10.13	20.37	30.50
Paragsha	220	21.34	20.71	20.22	36.844		58.18	20.71	20.22	10.13	20.32	30.45
Yauy	138	21.34	20.35	19.92	36.844		58.18	20.35	19.92	10.13	20.01	30.14
Yuncán	138	21.34	20.50	20.04	36.844		58.18	20.50	20.04	10.13	20.13	30.26
Yuncán	220	21.34	20.56	20.11	36.844		58.18	20.56	20.11	10.13	20.20	30.33
Oroya Nueva	220	21.34	20.78	20.30	36.844		58.18	20.78	20.30	10.13	20.40	30.53
Oroya Nueva	138	21.34	20.58	20.16	36.844		58.18	20.58	20.16	10.13	20.24	30.38
Oroya Nueva	50	21.34	20.67	20.23	36.844		58.18	20.67	20.23	10.13	20.32	30.45
Carhuayama	220	21.34	20.67	20.21	36.844		58.18	20.67	20.21	10.13	20.30	30.43
Carhuayama	220	21.34	20.68	20.21	36.844		58.18	20.68	20.21	10.13	20.31	30.44
Caripa	138	21.34	20.45	20.01	36.844		58.18	20.45	20.01	10.13	20.10	30.23
Desierto	220	21.34	21.13	20.71	36.844		58.18	21.13	20.71	10.13	20.79	30.93
Condorchuca	138	21.34	20.46	20.03	36.844		58.18	20.46	20.03	10.13	20.12	30.25
Condorchuca	44	21.34	20.46	20.03	36.844		58.18	20.46	20.03	10.13	20.12	30.25
Machupichu	138	21.34	20.92	20.29	36.844		58.18	20.92	20.29	10.13	20.42	30.55
Cachiyama	138	21.34	21.58	20.86	36.844		58.18	21.58	20.86	10.13	21.00	31.21
Cusco	138	21.34	21.69	20.93	36.844		58.18	21.69	20.93	10.13	21.08	31.21
Comblabata	138	21.34	21.04	20.58	36.844		58.18	21.04	20.58	10.13	21.43	31.54
Tintaya	138	21.34	22.33	21.63	36.844		58.18	22.33	21.63	10.13	21.77	31.90
Avayiri	138	21.34	22.12	21.36	36.844		58.18	22.12	21.36	10.13	21.51	31.64
Azángaro	138	21.34	21.99	21.20	36.844		58.18	21.99	21.20	10.13	21.36	31.49
San Gabán	138	21.34	21.11	20.67	36.844		58.18	21.11	20.67	10.13	20.73	31.05
Mazuco	138	21.34	21.83	20.81	36.844		58.18	21.83	20.81	10.13	21.01	31.15
Puerto Maldonado	138	21.34	23.71	21.26	36.844		58.18	23.71	21.26	10.13	21.75	31.88
Juliana	138	21.34	22.13	21.30	36.844		58.18	22.13	21.30	10.13	21.47	31.60
La Oroya	138	21.34	22.11	21.30	36.844		58.18	22.11	21.30	10.13	21.46	31.59
Puno	220	21.34	22.07	21.27	36.844		58.18	22.07	21.27	10.13	21.43	31.56
Callalli	138	21.34	22.10	21.44	36.844		58.18	22.10	21.44	10.13	21.57	31.70
Sanitario	138	21.34	21.80	21.15	36.844		58.18	21.80	21.15	10.13	21.28	31.41
Carhuap	138	21.34	21.87	21.19	36.844		58.18	21.87	21.19	10.13	21.33	31.46
Scotabaya	220	21.34	21.84	21.17	36.844		58.18	21.84	21.17	10.13	21.30	31.44
Coro Verde	138	21.34	21.95	21.23	36.844		58.18	21.95	21.23	10.13	21.37	31.51
Repórtero	138	21.34	22.09	21.29	36.844		58.18	22.09	21.29	10.13	21.45	31.58
Moquegua	138	21.34	22.21	21.39	36.844		58.18	22.21	21.39	10.13	21.51	31.69
Moquegua	220	21.34	21.85	21.15	36.844		58.18	21.85	21.15	10.13	21.29	31.42
Moquegua	138	21.34	21.87	21.17	36.844		58.18	21.87	21.17	10.13	21.31	31.44
Io ELS	138	21.34	22.08	21.33	36.844		58.18	22.08	21.33	10.13	21.48	31.61
La Oroya	138	21.34	22.01	21.30	36.844		58.18	22.01	21.30	10.13	21.44	31.57
Toquepala	138	21.34	22.05	21.36	36.844		58.18	22.05	21.36	10.13	21.50	31.63
Aricota	138	21.34	21.89	21.31	36.844		58.18	21.89	21.31	10.13	21.43	31.56
Aricota	66	21.34	21.82	21.30	36.844	0.5601	58.18	22.38	21.86	10.13	21.96	32.10
Tacna (Los Héroes)	220	21.34	21.96	21.28	36.844		58.18	21.96	21.28	10.13	21.49	31.62
Tacna (Los Héroes)	66	21.34	22.03	21.23	36.844	0.5601	58.18	22.59	21.79	10.13	21.95	32.08
La Nina	220	21.34	21.75	21.08	36.844		58.18	21.75	21.08	10.13	21.21	31.35
Cotacuse	220	21.34	21.34	20.72	36.844		58.18	21.34	20.72	10.13	20.84	30.98
Arayaucay	220	21.34	21.23	20.69	36.844		58.18	21.23	20.69	10.13	20.80	30.93
La Ramada	220	21.34	21.26	20.69	36.844		58.18	21.26	20.69	10.13	20.80	30.94
Lomera	220	21.34	21.21	20.71	36.844		58.18	21.21	20.71	10.13	20.81	30.94
Asia	220	21.34	20.99	20.54	36.844		58.18	20.99	20.54	10.13	20.63	30.76
San Pedro de	220	21.34	21.13	20.62	36.844		58.18	21.13	20.62	10.13	20.72	30.82
La Planicie	220	21.34	21.19	20.66	36.844		58.18	21.19	20.66	10.13	20.77	30.90
Belaudne	138	21.34	21.70	21.00	36.844		58.18	21.70	21.00	10.13	21.14</	

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 077-2002-OS/CD)
FIJACIÓN AL 01/05/2022

ACTUALIZADO AL 04/Julio/2022 CON REDONDEO

	TENSIÓN kV	PPM S./A/W-hes	PMPM c/m. S./A/W-h	PEMF c/m. S./A/W-h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)				
Zorritos	220	27.08	26.80	21.78
Talara	220	27.08	26.81	21.85
Plura Oeste	220	27.08	26.69	21.74
Chichayo Oeste	220	27.08	26.47	21.61
Cathuacuero	220	27.08	26.06	21.32
Cathuacuero	138	27.08	26.06	21.32
Culervo	138	27.08	26.33	21.46
Jen	138	27.08	26.37	21.65
Guadalupe	220	27.08	26.46	21.60
Guadalupe	60	27.08	26.54	21.65
Cañanara	220	27.08	26.06	21.34
Trujillo Norte	220	27.08	26.28	21.50
Chimbote 1	220	27.08	26.13	21.41
Chimbote 1	138	27.08	26.17	21.45
Paramonga Nueva	220	27.08	26.69	21.16
Paramonga Nueva	138	27.08	26.65	21.14
Paramonga Existente	138	27.08	26.55	21.08
Huacho	220	27.08	26.66	21.16
Zapalal	220	27.08	26.84	21.23
Ventanilla	220	27.08	26.89	21.27
Lima	220	27.08	26.88	21.26
Centara	220	27.08	26.68	21.16
Chilca	220	27.08	26.46	20.98
Independencia	220	27.08	26.73	21.26
Ica	220	27.08	26.79	21.29
Marcona	220	27.08	26.91	21.24
Mantaro	220	27.08	26.07	20.60
Huayacachi	220	27.08	26.26	20.73
Pachachaca	220	27.08	26.35	20.86
Pomacocha	220	27.08	26.41	20.91
Huancavelica	220	27.08	26.28	20.80
Callahuana	220	27.08	26.54	21.00
Cañamarquilla	220	27.08	26.79	21.20
Huallanca	220	27.08	26.52	20.94
Vicana	220	27.08	26.57	21.02
Tingo Maria	220	27.08	26.70	21.08
Aguaylla	220	27.08	26.80	21.15
Aguaylla	138	27.08	26.87	21.19
Aguaylla	22.9	27.08	26.84	21.18
Pucallpa	138	27.08	26.46	21.55
Pucallpa	60	27.08	26.49	21.56
Acayacu	138	27.08	26.58	21.28
Tocachi	138	27.08	26.21	21.45
Tingo Maria	138	27.08	26.70	21.07
Huánuco	138	27.08	26.65	21.01
Paracachi I	138	27.08	26.76	21.08
Paracachi I	220	27.08	26.18	20.73
Yauco	138	27.08	26.76	21.02
Yuncán	138	27.08	26.94	21.05
Yuncán	220	27.08	26.02	20.61
Oroya Nueva	220	27.08	26.27	20.81
Oroya Nueva	138	27.08	26.04	20.66
Oroya Nueva	50	27.08	26.14	20.73
Cathuacuero	138	27.08	26.15	20.71
Cathuacuero Nueva	220	27.08	26.16	20.72
Caripa	138	27.08	24.87	20.51
Desierto	220	27.08	26.69	21.21
Condorcocha	138	27.08	24.89	20.53
Condorcocha	44	27.08	24.89	20.53
Machupichu	138	27.08	26.45	20.80
Cachimayo	138	27.08	26.23	21.37
Cusco	138	27.08	26.35	21.43
Comtagapta	138	27.08	26.77	21.78
Tintaya	138	27.08	27.12	22.13
Ayaviri	138	27.08	26.87	21.86
Asinero	138	27.08	26.71	21.70
San Gabán	138	27.08	26.66	20.88
Mazuco	138	27.08	26.52	21.31
Puerto Maldonado	138	27.08	26.76	21.77
Julica	138	27.08	26.88	21.81
Puno	138	27.08	26.86	21.80
Puno	220	27.08	26.81	21.78
Callalí	138	27.08	26.85	21.94
Santuario	138	27.08	26.49	21.66
Arequipa	138	27.08	26.57	21.69
Socabaya	220	27.08	26.54	21.67
Cerro Verde	138	27.08	26.68	21.74
Repatrión	138	27.08	26.83	21.80
Molendo	138	27.08	26.98	21.89
Moquegua	220	27.08	26.55	21.66
Moquegua	138	27.08	26.58	21.68
Ito ELS	138	27.08	26.82	21.83
Boffica	138	27.08	26.73	21.81
Toquepala	138	27.08	26.78	21.86
Aricota	138	27.08	26.60	21.82
Aricota	66	27.08	26.51	21.81
Tacna (Los Héroes)	220	27.08	26.66	21.70
Tacna (Los Héroes)	66	27.08	26.76	21.73
La Nina	220	27.08	26.42	21.58
Cotacusi	220	27.08	26.93	21.22
Carabayillo	220	27.08	26.80	21.20
La Ramada	220	27.08	26.85	21.20
Lomera	220	27.08	26.79	21.21
Aia	220	27.08	26.53	21.04
Alto Praderas	220	27.08	26.69	21.12
La Planicie	220	27.08	26.76	21.17
Belavande	138	27.08	26.36	21.51
Cadiz	220	27.08	26.22	21.42
Medio Mundo	220	27.08	26.68	21.16
Tintaya Nueva	220	27.08	27.08	22.09

Col.		TENSIÓN kV	PPM S./A/W-h	PMPM c/m. S./A/W-h	PEMF S./A/W-h	PCSPT c/m. S./A/W-h	CPSEE c/m. S./A/W-h	(PPM+PCSPT) S./A/W-h	(PMPM+CPSEE) c/m. S./A/W-h	(PEMF+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)													
Col.		220	27.08	26.80	21.78	36.844		63.924	26.80	21.78	11.13	22.78	33.31
Talara		220	27.08	26.81	21.85	36.844		63.924	26.81	21.85	11.13	22.84	33.37
Plura Oeste		220	27.08	26.69	21.74	36.844		63.924	26.69	21.74	11.13	22.73	33.86
Chichayo Oeste		220	27.08	26.47	21.61	36.844		63.924	26.47	21.61	11.13	22.58	33.71
Cathuacuero		220	27.08	26.06	21.32	36.844		63.924	26.06	21.32	11.13	22.26	33.40
Cathuacuero		138	27.08	26.06	21.32	36.844		63.924	26.06	21.32	11.13	22.26	33.40
Culervo		138	27.08	26.33	21.46	36.844		63.924	26.33	21.46	11.13	22.43	33.56
Jen		138	27.08	26.37	21.65	36.844		63.924	26.37	21.65	11.13	22.63	33.76
Guadalupe		220	27.08	26.46	21.60	36.844		63.924	26.46	21.60	11.13	22.57	33.70
Guadalupe		60	27.08	26.54	21.65	36.844		63.924	26.54	21.65	11.13	22.62	33.76
Cañanara		220	27.08	26.06	21.34	36.844		63.924	26.06	21.34	11.13	22.28	33.41
Trujillo Norte		220	27.08	26.28	21.50	36.844		63.924	26.28	21.50	11.13	22.45	33.58
Chimbote 1		220	27.08	26.13	21.41	36.844		63.924	26.13	21.41	11.13	22.35	33.48
Chimbote 1		138	27.08	26.17	21.45	36.844		63.924	26.17	21.45	11.13	22.39	33.52
Paramonga Nueva		220	27.08	26.69	21.16	36.844		63.924	26.69	21.16	11.13	22.06	33.19
Paramonga Nueva		138	27.08	26.65	21.14	36.844		63.924	26.65	21.14	11.13	22.04	33.17
Paramonga Existente		138	27.08	26.55	21.08	36.844		63.924	26.55	21.08	11.13	21.97	33.10
Huacho		220	27.08	26.66	21.16	36.844		63.924	26.66	21.16	11.13	22.06	33.19
Zapalal		220	27.08	26.84	21.23	36.844		63.924	26.84	21.23	11.13	22.15	33.28
Ventanilla		220	27.08	26.89	21.27	36.844		63.924	26.89	21.27	11.13	22.19	33.32
Lima		220	27.08	26.88	21.26	36.844		63.924	26.88	21.26	11.13	22.18	33.31
Centara		220	27.08	26.66	21.16	36.844		63.924	26.66	21.16	11.13	22.05	33.19
Chilca		220	27.08	26.46	20.98	36.844		63.924	26.46	20.98	11.13	21.87	33.00
Independencia		220	27.08	26.73	21.26	36.844		63.924	26.73	21.26	11.13	22.15	33.28
Ica		220	27.08	26.79	21.29	36.844		63.924	26.79	21.29	11.13	22.19	33.32
Marcona		220	27.08	26.91	21.24	36.844		63.924	26.91	21.24	11.13	22.17	33.30
Mantaro		220	27.08	26.07	20.60	36.844		63.924	26.07	20.60	11.13	21.49	32.62
Huayacachi		220	27.08	26.26	20.73	36.844		63.924	26.26	20.73	11.13	21.75	32.76
Pachachaca		220	27.08	26.35	20.86	36.844		63.924	26.35	20.86	11.13	21.75	32.89
Pomacocha		220	27.08	26.41	20.91	36.844		63.924	26.41	20.91	11.13	21.81	32.94
Huancavelica		220	27.08	26.28	20.80	36.844		63.924	26.28	20.80	11.13	21.75	32.86
Callahuana		220	27.08	26.54	21.00	36.844		63.924	26.54	21.00	11.13	21.90	33.04
Cañamarquilla		220	27.08	26.79	21.20	36.844		63.924	26.79	21.20	11.13	22.11	33.25
Huallanca		138	27.08	26.52	20.94	36.844		63.924	26.52	20.94	11.13	22.03	33.16
Vicana		220	27.08	26.57	21.02	36.844		63.924	26.57	21.02	11.13	22.13	33.06
Tingo Maria		220	27.08	26.70	21.08	36.844		63.924	26.70	21.08	11.13	22.10	33.13
Aguaylla		220	27.08	26.80	21.15	36.844		63.924	26.80	21.15	11.13	22.19	33.22
Aguaylla		138	27.08	26.87	21.19	36.844		63.924	26.87	21.19	11.13	22.20	33.25
Aguaylla		22.9	27.08	26.84	21.18	36.844		63.924	26.84	21.18	11.13	22.21	33.24
Pucallpa		138	27.08	26.46	21.55	36.844		63.924	26.46	21.55	11.13	22.15	33.20
Pucallpa		60	27.08	26.49	21.56	36.844	1.6676	63.924	26.49	21.56	11.13	22.21	33.34
Acayacu		138	27.08	26.58	21.28	36.844		63.924	26.58	21.28	11.13	22.22	33.35
Tocachi		138	27.08	26.21	21.45	36.844		63.924	26.21	21.45	11.13	22.09	33.53
Tingo Maria		138	27.08	26.70	21.07	36.844		63.924	26.70	21.07	11.13	22.17	33.26
Huánuco		138	27.08	26.65	21.01	36.844		63.924	26.65	21.01	11.13	22.13	33.07
Paracachi I		138	27.08	26.76	21.08	36.844		63.924	26.76	21.08	11.13	22.19	33.20
Paracachi I		220	27.08	26.18	20.73	36.844		63.924	26.18	20.73	11.13	21.62	32.51
Yauco		138	27.08	26.76	21.02	36.844		63.924	26.76	21.02	11.13	22.18	33.25
Yuncán		138	27.08	26.94	21.05	36.844		63.924	26.94	21.05	11.13	22.21	33.26
Yuncán		220	27.08	26.02	20.61	36.844		63.924	26.02	20.61	11.13	21.48	32.62
Oroya Nueva		220	27.08	26.27	20.81	36.844		63.924	26.27	20.81	11.13	21.70	32.83
Oroya Nueva		138	27.08	26.04	20.66	36.844		63.924	26.04	20.66	11.13	21.53	32.66
Oroya Nueva		50	27.08	26.14	20.73	36.844		63.924	26.14	20.73	11.13	21.61	32.74
Cathuacu		138	27.08	26.15	20.71	36.844		63.924	26.15	20.71	11.13	21.59	32.73
Cathuayma Nueva		220	27.08	26.16	20.72	36.844		63.924	26.16	20.72	11.13	21.60	32.74
Catja		138	27.08	26.87	21.51	36.844		63.924	26.87	21.51	11.13	22.31	33.47
Desierto		220	27.08	26.69	21.21	36.844		63.924	26.69	21.21	11.13	22.10	33.23
Condorocha		138	27.08	26.89	20.53	36.844		63.924	26.89	20.53	11.13	21.70	32.83
Condorocha		44	27.08	26.89	20.53	36.844		63.924	26.89	20.53	11.13	21.70	32.83
Machupucchi		138	27.08	26.45	20.80	36.844		63.924	26.45	20.80	11.13	21.73	32.86
Cachimayo		138	27.08	26.23	21.37	36.844		63.924	26.23	21.37	11.13	22.34	33.47
Areazo		138	27.08	26.36	21.43	36.844		63.924	26.36	21.43	11.13	22.41	33.54
Compañita		138	27.08	26.77	21.78	36.844		63.924	26.77	21.78	11.13	22.77	33.71
Tiritya		138	27.08	27.12	22.13	36.844		63.924	27.12	22.13	11.13	23.12	34.26
Areazo		138	27.08	26.87	21.86	36.844		63.924	26.87	21.86	11.13	22.89	33.98
Azángaro		138	27.08	26.71	21.70	36.844		63.924	26.71	21.70	11.13	22.70	33.83
San Gabán		138	27.08	26.66	20.88	36.844		63.924	26.66	20.88	11.13	22.63	33.79
Mazuc		138	27.08	26.52	21.31	36.844		63.924	26.52	21.31	11.13	22.58	33.98
Puerto Maldonado		138	27.08	26.76	21.77	36.844		63.924	26.76	21.77	11.13	23.16	34.26
Julica		138	27.08	26.68	21.81	36.844		63.924	26.68	21.81	11.13	23.02	33.95
Puno		138	27.08	26.86	21.80	36.844		63.924	26.86	21.80	11.13	23.08	33.94
Puno		138	27.08	26.81	21.78	36.844		63.924	26.81	21.78	11.13	22.78	33.91
San Juan		138	27.08	26.65	21.54	36.844		63.924	26.65	21.54	11.13	22.85	34.05
San Juan		138	27.08	26.49	21.69	36.844		63.924	26.49	21.69	11.13	22.76	34.05
Arequipa		138	27.08	26.57	21.69	36.844		63.924	26.57	21.69	11.13	22.66	33.79
Chumbabamba		220	27.08	26.54	21.67	36.844		63.924	26.54	21.67	11.13	22.64	33.77
Cerro Verde		138	27.08	26.66	21.74	36.844		63.924	26.66	21.74	11.13	22.72	33.85
Repartición		138	27.08	26.83	21.80	36.844		63.924	26.83	21.80	11.13	22.81	33.93
Beléndez		220	27.08	26.98	21.99	36.844		63.924	26.98	21.99	11.13	23.04	34.04
Moquegua		220	27.08	26.55	21.66	36.844		63.924	26.55	21.66	11.13	22.63	33.79
Moquegua		138	27.08	26.58	21.68	36.844		63.924	26.58	21.68	11.13	22.66	33.77
EL S.		138	27.08	26.82	21.83	36.844		63.924	26.82	21.83	11.13	22.85	33.86
Bofilaca		138	27.08	26.73	21.81	36.844		63.924	26.73	21.81	11.13	22.79	33.92
Toquepala		138	27.08	26.78	21.86	36.844		63.924	26.78	21.86	11.13	22.84	33.97
Arizota		138	27.08	26.60	21.82	36.844		63.924	26.60	21.82	11.13	22.73	33.80
Arizota		66	27.08	26.51	21.81	36.844	0.5601	63.924	26.51	21.81	11.13	22.75	33.88
Tarma (Los Héroes)		220	27.08	26.66	21.70	36.844		63.924	26.66	21.70	11.13	22.89	33.82
Tarma (Los Héroes)		66	27.08	26.76	21.73	36.844	0.5601	63.924	26.76	21.73	11.13	22.73	33.86
La Nina		220	27.08	26.42	21.58	36.844		63.924	26.42	21.58	11.13	22.54	33.68
Cotabue		220	27.08	26.93	21.22	36.844		63.924	26.93	21.22	11.13	22.16	33.29
Caraballeda		220	27.08	26.80	21.20	36.844		63.924	26.80	21.20	11.13	22.13	33.25
La Ramada		220	27.08	26.85	21.20	36.844		63.924	26.85	21.20	11.13	22.13	33.26
Lomera		220	27.08	26.79	21.21	36.844		63.924	26.79	21.21	11.13	22.12	33.25
Belén		220	27.08	26									

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/Julio/2022 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		3,629	1,0370	3,763
SPT de Egemsa		0,003	1,0303	0,003
SPT de San Gabán		0,004	1,0232	0,004
SPT de Antamina		0,006	1,0325	0,006
SPT de Eteselva		0,136	1,0819	0,147
SPT de Redesur		0,733	1,0370	0,760
SPT de Transmanto (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,055	1,0370	2,131
SPT de Transmanto (Addendum N° 8)		0,641	1,0370	0,665
SPT de Transmanto (Ampliación Adicional 1)		0,045	1,0370	0,047
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,583	1,0370	0,605
SGT Línea Chilca - Zapallal (Tramos 1 y 2)		0,532	1,0370	0,552
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paraosha v subestaciones asociadas –	0,914	1,0370	0,948
	L.T. Paraosha-Conococha v subestaciones asociadas – Tramo 2	0,000	1,0370	0,000
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,000	1,0370	0,000
	LT 220 kV Conococha-Huallanca v subestaciones asociadas –	0,000	1,0370	0,000
		0,000	1,0370	0,000
SGT Línea Talara Plura 220 kV (2do circuito)		0,118	1,0370	0,122
SGT Línea Zapallal – Trujillo 500 kV		1,334	1,0370	1,383
SGT Línea Pomacocha - Carhuamayo 220 kV		0,127	1,0370	0,132
SGT Línea Socabaya - Tintaya 220 kV		0,333	1,0370	0,345
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,450	1,0370	2,541
SGT Línea Carhuauquero- Cajamarca Norte- Cádlic- Moyobamba 220 kV (1)		0,845	1,0370	0,876
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	1,0370	0,875
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,584	1,0370	0,606
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,080	1,0370	2,157
Subestación Carapongo y enlaces de conexión (1er etapa) y SE Carapongo (Monto Complementario)		0,326	1,0370	0,338
Refuerzo de Línea Trujillo - Chiclayo		0,000	1,0370	0,000
Subestación Carapongo (Monto Complementario)		0,000	1,0370	0,000
Línea Aguaytia - Pucallpa (2 circuito)		0,082	1,0370	0,085
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-Julica-Puno 220 kV		0,286	1,0370	0,297
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,313	1,0315	0,323
	RF de Talara	0,960	1,0000	0,960
	RF de Ilo	2,078	1,0000	2,078
	RF de Pucallpa	0,218	1,0000	0,218
	RF de Puerto Maldonado	0,126	1,0000	0,126
	RF de Puerto Eten	1,043	1,0000	1,043
Cargo por Prima	Cogeneración Paramonga	0,127	1,0000	0,127
	C.H. Santa Cruz II	0,057	1,0000	0,057
	C.H. Santa Cruz I	0,052	1,0000	0,052
	C.H. Poechos 2	0,082	1,0000	0,082
	C.H. Roncador	0,032	1,0000	0,032
	C.H. Carhuauquero IV	0,180	1,0000	0,180
	C.H. Caña Brava	0,057	1,0000	0,057
	C.H. La Joya	0,115	1,0000	0,115
	C.T. Huaycoloro	0,127	1,0000	0,127
	C. H. Purmacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,071	1,0000	0,071
	C.H. Huasahuasi II	0,071	1,0000	0,071
	C.H. Nuevo Imperial	0,035	1,0000	0,035
	CS Repartición Solar 20T	0,398	1,0000	0,398
	CS Majes Solar 20T	0,399	1,0000	0,399
	CS Tacna Solar 20T	0,507	1,0000	0,507
	CS Panamericana Solar 20T	0,517	1,0000	0,517
	C.H. Yanapampa	0,036	1,0000	0,036
	C.H. Las Pizarras	0,181	1,0000	0,181
	C.E. Marcona	0,257	1,0000	0,257
	C.E. Talara	0,344	1,0000	0,344
	C.E. Cupisnique	0,819	1,0000	0,819
	C.H. Runatullo III	0,185	1,0000	0,185
	C.H. Runatullo II	0,117	1,0000	0,117
	CSF Moquegua FV	0,204	1,0000	0,204
	C.H. Canchayllo	0,017	1,0000	0,017
	C.T. La Gringa V	0,053	1,0000	0,053
	C.H. Chancay	0,203	1,0000	0,203
	C.H. Rucuy	0,044	1,0000	0,044
	C.E. Tres Hermanas	0,744	1,0000	0,744
	C.H. Potrero	0,149	1,0000	0,149
	C.H. Yarucaya	0,102	1,0000	0,102
	C.S. Rubi	0,332	1,0000	0,332
	C.H. Renovandes H1	0,158	1,0000	0,158
	C.S. Intipampa	0,092	1,0000	0,092
	C.E. Wayra I	0,003	1,0000	0,003
	C.B. Huaycoloro II	0,032	1,0000	0,032
	C.H. Angel I	0,126	1,0000	0,126
	C.H. Angel II	0,160	1,0000	0,160
	C.H. Angel III	0,139	1,0000	0,139
	C.H. Her	0,002	1,0000	0,002
	C.H. Carhuac	0,080	1,0000	0,080
	C.H. El Carmen	0,061	1,0000	0,061
	C.H. Zaña 1	0,000	0,0000	0,000
	C.H. Manta	0,049	1,0000	0,049
	C.T. Callao	0,026	1,0000	0,026
	C.H. 8 de Agosto	0,093	1,0000	0,093
Cargo Unitario por FISE (3)		0,473	1,0000	0,473
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,4540	1,0000	2,454
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		2,0400	1,0000	2,040
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,1060	1,0000	0,106
PCSPT =				36,844

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