

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/Setiembre/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
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
Carhuayquero	220	20.69	20.74	20.14
Carhuayquero	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	20.45	19.90
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	20.36
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	20.11	19.63
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
Callahuasica	220	20.69	20.22	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
Acayacu	138	20.69	20.68	20.09
Toocache	138	20.69	20.87	20.26
Tingo Maria	220	20.69	20.45	19.90
Huánuco	138	20.69	20.41	19.84
Paragsha II	138	20.69	20.08	19.61
Parashtha	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
Carhuaymayo	138	20.69	20.00	19.55
Carhuaymayo Nueva	220	20.69	20.01	19.55
Carpis	138	20.69	20.78	20.36
Desierto	220	20.69	20.44	20.03
Condorcocha	138	20.69	19.79	19.38
Condorcocha	44	20.69	19.79	19.38
Madripichu	138	20.69	19.24	18.83
Cachimayo	138	20.69	20.08	19.68
Cusco	138	20.69	20.68	20.25
Combagata	138	20.69	21.32	20.59
Tilleya	138	20.69	21.60	20.92
Awetiri	138	20.69	21.40	20.66
Azángaro	138	20.69	21.27	20.51
San Gabán	138	20.69	21.02	20.26
Mazuco	138	20.69	21.12	20.37
Puerto Maldonado	138	20.69	22.94	21.67
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	21.74	20.84
Sanuario	138	20.69	21.09	20.46
Arequipa	138	20.69	21.16	20.50
Scobaypa	220	20.69	21.13	20.48
Cerro Verde	138	20.69	21.23	20.54
Repartinón	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	20.63
Ilo ELS	138	20.69	21.29	20.61
Bofillaca	138	20.69	21.23	20.66
Toquepala	138	20.69	21.18	20.62
Aricota	66	20.69	21.11	20.61
Aricota	220	20.69	21.23	20.51
Tacna (Los Héroes)	66	20.69	21.31	20.54
Tacna (Los Héroes)	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
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
Belaudne	138	20.69	20.90	20.32
Cedric	220	20.69	20.97	20.23
Medio Mundo	220	20.69	20.43	19.98
Tintaya 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	ctm. S./kW.h	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	40.296		61.64	22.06	21.27	10.73	21.43	32.16
Taitano	220	21.34	21.81	21.15	40.296		61.64	21.81	21.15	10.73	21.30	32.04
Piura Oeste	220	21.34	21.97	21.23	40.296		61.64	21.97	21.23	10.73	21.38	32.11
Chidayo Oeste	220	21.34	21.79	21.11	40.296		61.64	21.79	21.11	10.73	21.25	31.98
Carhuayquero	220	21.34	21.44	20.82	40.296		61.64	21.44	20.82	10.73	20.94	31.68
Carhuayquero	138	21.34	21.44	20.81	40.296		61.64	21.44	20.81	10.73	20.94	31.67
Culervo	138	21.34	21.57	20.95	40.296		61.64	21.67	20.95	10.73	21.09	31.83
Jaen	138	21.34	21.87	21.15	40.296		61.64	21.87	21.15	10.73	21.29	32.03
Guadalupe	220	21.34	21.78	21.10	40.296		61.64	21.78	21.10	10.73	21.24	31.97
Guadalupe	60	21.34	21.84	21.15	40.296		61.64	21.84	21.15	10.73	21.29	32.02
Cajamarca	220	21.34	21.45	20.83	40.296		61.64	21.45	20.83	10.73	20.95	31.69
Trujillo Norte	220	21.34	21.63	20.99	40.296		61.64	21.63	20.99	10.73	21.12	31.85
Chimbole 1	220	21.34	21.50	20.90	40.296		61.64	21.50	20.90	10.73	21.02	31.75
Chimbole 1	138	21.34	21.54	20.94	40.296		61.64	21.54	20.94	10.73	21.06	31.79
Paramonga Nueva	220	21.34	21.13	20.65	40.296		61.64	21.13	20.65	10.73	20.75	31.48
Paramonga Nueva	138	21.34	21.10	20.63	40.296		61.64	21.10	20.63	10.73	20.72	31.46
Paramonga Existente	138	21.34	21.10	20.58	40.296		61.64	21.10	20.58	10.73	20.66	31.40
Huacho	220	21.34	21.11	20.65	40.296		61.64	21.11	20.65	10.73	20.74	31.48
Zapallal	220	21.34	21.25	20.73	40.296		61.64	21.25	20.73	10.73	20.83	31.57
Ventanilla	220	21.34	21.29	20.77	40.296		61.64	21.29	20.77	10.73	20.87	31.61
Lima	220	21.34	21.28	20.76	40.296		61.64	21.28	20.76	10.73	20.86	31.60
Cantera	220	21.34	21.10	20.65	40.296		61.64	21.10	20.65	10.73	20.74	31.47
Onica	220	21.34	21.45	20.84	40.296		61.64	21.45	20.84	10.73	21.37	31.71
Independencia	220	21.34	21.16	20.76	40.296		61.64	21.16	20.76	10.73	20.84	31.51
Ica	220	21.34	21.21	20.79	40.296		61.64	21.21	20.79	10.73	20.87	31.61
Marcona	220	21.34	21.31	20.74	40.296		61.64	21.31	20.74	10.73	20.85	31.59
Mantaro	220	21.34	21.28	20.61	40.296		61.64	21.28	20.61	10.73	20.82	31.52
Huayucachi	220	21.34	20.77	20.23	40.296		61.64	20.77	20.23	10.73	20.34	31.07
Pachachaca	220	21.34	20.84	20.35	40.296		61.64	20.84	20.35	10.73	20.45	31.18
Pomacocha	220	21.34	20.89	20.41	40.296		61.64	20.89	20.41	10.73	20.51	31.24
Huanacavelica	220	21.34	20.79	20.29	40.296		61.64	20.79	20.29	10.73	20.39	31.12
Callahuasica	220	21.34	21.00	20.50	40.296		61.64	21.00	20.50	10.73	20.60	31.33
Cajamarquilla	220	21.34	21.22	20.69	40.296		61.64	21.22	20.69	10.73	20.80	31.53
Huallanca	138	21.34	20.98	20.44	40.296		61.64	20.98	20.44	10.73	20.55	31.28
Viczarra	220	21.34	21.03	20.52	40.296		61.64	21.03	20.52	10.73	20.62	31.36
Tingo Maria	220	21.34	21.14	20.57	40.296		61.64	21.14	20.57	10.73	20.68	31.42
Aguyaylla	220	21.34	21.22	20.64	40.296		61.64	21.22	20.64	10.73	20.76	31.49
Aguyaylla	138	21.34	21.28	20.68	40.296		61.64	21.28	20.68	10.73	20.80	31.53
Aguyaylla	22.9	21.34	21.26	20.67	40.296		61.64	21.26	20.67	10.73	20.79	31.52
Pucallpa	138	21.34	21.78	21.05	40.296		61.64	21.78	21.05	10.73	21.20	31.93
Pucallpa	60	21.34	21.80	21.06	40.296	1.6676	61.64	23.47	22.73	10.73	22.88	33.61
Acayacu	138	21.34	21.38	20.77	40.296		61.64	21.38	20.77	10.73	20.89	31.63
Toocache	138	21.34	21.57	20.94	40.296		61.64	21.57	20.94	10.73	21.07	31.80
Tingo Maria	220	21.34	21.14	20.57	40.296		61.64	21.14	20.57	10.73	20.68	31.42
Huánuco	138	21.34	21.10	20.51	40.296		61.64	21.10	20.51	10.73	20.63	31.36
Paragsha II	138	21.34	20.76	20.27	40.296		61.64	20.76	20.27	10.73	20.37	31.10
Parashtha	220	21.34	20.71	20.22	40.296		61.64	20.71	20.22	10.73	20.32	31.05
Yauy	138	21.34	20.35	19.92	40.296		61.64	20.35	19.92	10.73	20.01	30.74
Yuncán	138	21.34	20.50	20.04	40.296		61.64	20.50	20.04	10.73	20.13	30.87
Yuncán	220	21.34	20.56	20.11	40.296		61.64	20.56	20.11	10.73	20.20	30.93
Oroya Nueva	220	21.34	20.78	20.30	40.296		61.64	20.78	20.30	10.73	20.40	31.13
Oroya Nueva	138	21.34	20.58	20.16	40.296		61.64	20.58	20.16	10.73	20.30	30.98
Oroya Nueva	50	21.34	20.67	20.23	40.296		61.64	20.67	20.23	10.73	20.32	31.05
Carhuayquero	220	21.34	20.67	20.21	40.296		61.64	20.67	20.21	10.73	20.30	31.04
Carhuayquero Nueva	220	21.34	21.68	21.01	40.296		61.64	21.68	21.01	10.73	21.13	31.54
Caripa	220	21.34	20.45	20.01	40.296		61.64	20.45	20.01	10.73	20.10	30.83
Desierto	220	21.34	21.13	20.71	40.296		61.64	21.13	20.71	10.73	20.79	31.53
Condorcocha	138	21.34	20.46	20.03	40.296		61.64	20.46	20.03	10.73	20.12	30.85
Condorcocha	44	21.34	20.46	20.03	40.296		61.64	20.46	20.03	10.73	20.12	30.85
Machupicchu	138	21.34	20.92	20.29	40.296		61.64	20.92	20.29	10.73	20.42	31.15
Cachmayo	138	21.34	21.58	20.86	40.296		61.64	21.58	20.86	10.73	21.00	31.74
Cusco	138	21.34	21.69	20.93	40.296		61.64	21.69	20.93	10.73	21.08	31.82
Camillapata	138	21.34	21.04	21.08	40.296		61.64	21.04	21.08	10.73	21.43	32.18
Tintaya	138	21.34	22.33	21.63	40.296		61.64	22.33	21.63	10.73	21.77	32.50
Aviari	138	21.34	22.12	21.36	40.296		61.64	22.12	21.36	10.73	21.51	32.25
Adangaro	138	21.34	21.99	21.20	40.296		61.64	21.99	21.20	10.73	21.36	32.09
San Gabán	138	21.34	21.11	20.67	40.296		61.64	21.11	20.67	10.73	20.73	31.45
Mazuco	138	21.34	21.83	20.81	40.296		61.64	21.83	20.81	10.73	21.01	31.75
Puerto Maldonado	138	21.34	23.71	21.26	40.296		61.64	23.71	21.26	10.73	21.75	32.48
Junco	138	21.34	22.13	21.30	40.296		61.64	22.13	21.30	10.73	21.47	32.20
Callali	138	21.34	22.11	21.02	40.296		61.64	22.11	21.02	10.73	21.46	32.20
Puno	220	21.34	22.07	21.27	40.296		61.64	22.07	21.27	10.73	21.43	32.16
Callali	138	21.34	22.10	21.44	40.296		61.64	22.10	21.44	10.73	21.57	32.31
Santuario	138	21.34	21.84	21.15	40.296		61.64	21.84	21.15	10.73	21.28	32.01
Arequipa	138	21.34	21.87	21.19	40.296		61.64	21.87	21.19	10.73	21.33	32.06
Scobayta	220	21.34	21.84	21.17	40.296		61.64	21.84	21.17	10.73	21.30	32.04
Cerro Verde	138	21.34	21.95	21.23	40.296		61.64	21.95	21.23	10.73	21.37	32.11
Repardito	138	21.34	22.09	21.29	40.296		61.64	22.09	21.29	10.73	21.45	32.18
Repardito	138	21.34	22.21	21.39	40.296		61.64	22.21	21.39	10.73	21.59	32.29
Moquegua	220	21.34	21.85	21.15	40.296		61.64	21.85	21.15	10.73	21.29	32.02
Moquegua	138	21.34	21.87	21.17	40.296		61.64	21.87	21.17	10.73	21.31	32.04
Io ELS	138	21.34	22.08	21.33	40.296		61.64	22.08	21.33	10.73	21.48	32.21
Arica	138	21.34	22.01	21.30	40.296		61.64	22.01	21.30	10.73	21.44	32.19
Toquepala	138	21.34	22.05	21.36	40.296		61.64	22.05	21.36	10.73	21.50	32.23
Arica	138	21.34	21.89	21.31	40.296		61.64	21.89	21.31	10.73	21.43	32.16
Aricota	66	21.34	21.82	21.30	40.296	0.5601	61.64	22.38	21.86	10.73	21.96	32.27
Aricota	138	21.34	21.96	21.20	40.296		61.64	21.96	21.20	10.73	21.28	32.08
Tacna (Los Héroes)	66	21.34	22.03	21.23	40.296	0.5601	61.64	22.59	21.79	10.73	21.95	32.68
La Nina	220	21.34	21.75	21.08	40.296		61.64	21.75	21.08	10.73	21.21	31.95
Cotacuse	220	21.34	21.34	20.72	40.296		61.64	21.34	20.72	10.73	20.84	31.58
Cotacuse	220	21.34	21.23	20.69	40.296		61.64	21.23	20.69	10.73	20.80	31.53
La Ramada	220	21.34	21.26	20.69	40.296		61.64	21.26	20.69	10.73	20.80	31.54
Lomera	220	21.34	21.21	20.71	40.296		61.64	21.21	20.71	10.73	20.81	31.54
Asia	220	21.34	20.99	20.54	40.296		61.64	20.99	20.54	10.73	20.63	31.36
Asia	220	21.34	21.13	21.02	40.296		61.64	21.13	21.02	10.73	20.72	31.46
La Planicie	220	21.34	21.19	20.66	40.296		61.64	21.19	20.66	10.73	20.77	31.50
Belaudne	138	21.34	21.70	21.00	40.296		61.64	21.70	21.00	10.73		

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 156-2022-OS/CD)
FIJACIÓN AL 04/08/2022

ACTUALIZADO AL 04/Septiembre/2022 CON REDONDEO

	TENSIÓN kV	PPM S./A/W-mes	PMP c/m. S./A/W-h	PMP/F c/m. S./A/W-h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)				
Zorritos	220	28.30	27.59	22.24
Talara	220	28.30	27.59	22.11
Plura Oeste	220	28.30	27.47	22.20
Chichayo Oeste	220	28.30	27.24	22.06
Cathuayquero	220	28.30	26.81	21.76
Cathuayquero	138	28.30	26.80	21.75
Culevno	138	28.30	27.09	21.90
Jenel	138	28.30	27.34	22.10
Guadalupe	220	28.30	27.23	22.05
Guadalupe	60	28.30	27.31	22.10
Campana	220	28.30	26.81	21.77
Trujillo Norte	220	28.30	27.04	21.95
Chimote 1	220	28.30	26.88	21.85
Chimote 1	138	28.30	26.93	21.89
Paramonga Nueva	220	28.30	26.42	21.58
Paramonga Nueva	138	28.30	26.38	21.56
Paramonga Existente	138	28.30	26.26	21.50
Huachó	220	28.30	26.39	21.58
Zapallal	220	28.30	25.57	21.66
Ventanilla	220	28.30	26.62	21.70
Lima	220	28.30	26.61	21.69
Centara	220	28.30	26.37	21.59
Chilca	220	28.30	26.18	21.39
Independencia	220	28.30	26.46	21.69
Ica	220	28.30	26.52	21.73
Marcona	220	28.30	26.65	21.67
Mantaro	220	28.30	26.75	21.00
Huayacachi	220	28.30	25.96	21.13
Pachachaca	220	28.30	26.05	21.27
Pomacocha	220	28.30	26.12	21.32
Huancavelica	220	28.30	25.98	21.20
Callahuanca	220	28.30	26.26	21.42
Cajamarquilla	220	28.30	26.52	21.63
Huallanca	138	28.30	26.23	21.35
Vicancia	220	28.30	26.28	21.44
Tingo Maria	220	28.30	26.42	21.50
Aguaylla	220	28.30	26.53	21.67
Aguaylla	138	28.30	26.61	21.62
Aguaylla	22.9	28.30	26.58	21.60
Pucallpa	138	28.30	27.23	22.00
Pucallpa	60	28.30	27.26	22.01
Arcayacu	138	28.30	26.72	21.71
Tosche	138	28.30	26.97	21.89
Tingo Maria	138	28.30	26.43	21.49
Huánuco	138	28.30	26.37	21.42
Parashati I	138	28.30	26.46	21.48
Parashati I	220	28.30	25.88	21.13
Yauco	138	28.30	25.43	20.80
Yuncán	138	28.30	26.62	20.94
Yuncán	220	28.30	26.70	21.00
Oroya Nueva	220	28.30	25.97	21.21
Oroya Nueva	138	28.30	25.72	21.06
Oroya Nueva	50	28.30	26.83	21.13
Cathuayquero	138	28.30	26.54	21.11
Cathuayquero Nueva	220	28.30	26.85	21.11
Carpa	138	28.30	26.55	20.90
Desierto	220	28.30	26.41	21.64
Condorcocha	138	28.30	26.99	21.81
Condorcocha	44	28.30	26.57	20.92
Madrugachita	138	28.30	26.16	21.20
Cachimayo	138	28.30	26.99	21.81
Cusco	138	28.30	27.11	21.88
Comblapat	138	28.30	27.56	22.24
Tintaya	138	28.30	27.93	22.61
Ayaviri	138	28.30	27.67	22.33
Azuayano	138	28.30	27.49	22.16
San Gabán	138	28.30	26.39	21.29
Mazuco	138	28.30	27.30	21.74
Puerto Maldonado	138	28.30	26.67	22.23
Julica	138	28.30	27.67	22.27
Puno	138	28.30	27.66	22.27
Puno	220	28.30	27.60	22.24
Callalí	138	28.30	27.64	22.41
Santuario	138	28.30	27.26	22.11
Arequipa	138	28.30	27.35	22.15
Socabaya	220	28.30	27.32	22.13
Cerro Verde	138	28.30	27.44	22.20
Respartón	138	28.30	27.62	22.26
Molendo	138	28.30	27.78	22.36
Moquegua	220	28.30	27.33	22.11
Moquegua	138	28.30	27.35	22.13
Ilo ELS	138	28.30	27.62	22.29
Bofitica	138	28.30	27.52	22.27
Toquepala	138	28.30	27.57	22.32
Aricota	138	28.30	27.38	22.29
Aricota	66	28.30	27.29	22.27
Tacna (Los Héroes)	220	28.30	27.44	22.16
Tacna (Los Héroes)	66	28.30	27.55	22.19
La Nina	220	28.30	27.19	22.03
Cotacachi	220	28.30	26.67	21.65
Carabavillo	220	28.30	26.54	21.63
La Ramada	220	28.30	26.58	21.62
Lomera	220	28.30	26.52	21.63
Asia	220	28.30	26.25	21.46
Alto Pradras	220	28.30	26.41	21.55
La Planicie	220	28.30	26.40	21.59
Belavande	138	28.30	27.13	21.95
Cadiz	220	28.30	26.97	21.86
Medio Mundo	220	28.30	26.40	21.58
Tintaya Nueva	220	28.30	27.87	22.56

	TENSIÓN kV	PPM S./A/W-mes	PMP c/m. S./A/W-h	PMP c/m. S./A/W-h	PCST S./A/W-mes	CPSEE c/m. S./A/W-h	(PPM+PCST) S./A/W-mes	(PMP+CPSEE) c/m. S./A/W-h	(PMP+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	28.30	27.59	22.24	40.296		68.596	27.59	22.24	1135	23.30	35.25
Talara	220	28.30	27.39	22.11	40.296		68.596	27.39	22.11	1135	23.16	35.11
Plura Oeste	220	28.30	27.47	22.20	40.296		68.596	27.47	22.20	1135	23.25	35.20
Chichayo Oeste	220	28.30	27.24	22.06	40.296		68.596	27.24	22.06	1135	23.09	35.04
Cathuayquero	220	28.30	26.81	21.76	40.296		68.596	26.81	21.76	1135	22.77	34.71
Cathuayquero	138	28.30	26.80	21.75	40.296		68.596	26.80	21.75	1135	22.76	34.70
Culevno	138	28.30	27.09	21.90	40.296		68.596	27.09	21.90	1135	22.83	34.86
Jenel	138	28.30	27.34	22.10	40.296		68.596	27.34	22.10	1135	22.93	35.09
Guadalupe	220	28.30	27.23	22.05	40.296		68.596	27.23	22.05	1135	23.08	35.03
Guadalupe	60	28.30	27.31	22.10	40.296		68.596	27.31	22.10	1135	23.14	35.09
Campana	220	28.30	26.81	21.77	40.296		68.596	26.81	21.77	1135	22.77	34.72
Trujillo Norte	220	28.30	27.04	21.95	40.296		68.596	27.04	21.95	1135	22.86	34.91
Chimote 1	220	28.30	26.88	21.85	40.296		68.596	26.88	21.85	1135	22.85	34.80
Chimote 1	138	28.30	26.93	21.89	40.296		68.596	26.93	21.89	1135	22.89	34.84
Paramonga Nueva	220	28.30	26.42	21.58	40.296		68.596	26.42	21.58	1135	22.54	34.49
Paramonga Nueva	138	28.30	26.38	21.56	40.296		68.596	26.38	21.56	1135	22.52	34.47
Paramonga Existente	138	28.30	26.26	21.50	40.296		68.596	26.26	21.50	1135	22.45	34.39
Huachó	220	28.30	26.39	21.58	40.296		68.596	26.39	21.58	1135	22.54	34.48
Zapallal	220	28.30	25.57	21.66	40.296		68.596	25.57	21.66	1135	22.64	34.58
Ventanilla	220	28.30	26.62	21.70	40.296		68.596	26.62	21.70	1135	22.68	34.63
Lima	220	28.30	26.61	21.69	40.296		68.596	26.61	21.69	1135	22.67	34.62
Centara	220	28.30	26.37	21.59	40.296		68.596	26.37	21.59	1135	22.54	34.49
Chilca	220	28.30	26.18	21.39	40.296		68.596	26.18	21.39	1135	22.34	34.29
Independencia	220	28.30	26.46	21.69	40.296		68.596	26.46	21.69	1135	22.64	34.59
Ica	220	28.30	26.52	21.73	40.296		68.596	26.52	21.73	1135	22.68	34.63
Marcona	220	28.30	26.65	21.67	40.296		68.596	26.65	21.67	1135	22.66	34.61
Mantaro	220	28.30	26.75	21.00	40.296		68.596	26.75	21.00	1135	21.95	33.89
Huayacachi	220	28.30	25.95	21.13	40.296		68.596	25.95	21.13	1135	22.05	34.04
Pachachaca	220	28.30	26.05	21.27	40.296		68.596	26.05	21.27	1135	22.22	34.17
Pomacocha	220	28.30	26.12	21.32	40.296		68.596	26.12	21.32	1135	22.28	34.22
Huancavelica	220	28.30	25.98	21.20	40.296		68.596	25.98	21.20	1135	22.15	34.10
Callahuanca	220	28.30	26.26	21.42	40.296		68.596	26.26	21.42	1135	22.38	34.35
Cajamarquilla	220	28.30	26.52	21.63	40.296		68.596	26.52	21.63	1135	22.60	34.55
Huallanca	138	28.30	26.23	21.35	40.296		68.596	26.23	21.35	1135	22.33	34.28
Vicancia	220	28.30	26.28	21.44	40.296		68.596	26.28	21.44	1135	22.40	34.35
Tingo Maria	220	28.30	26.42	21.50	40.296		68.596	26.42	21.50	1135	22.48	34.43
Aguaylla	220	28.30	26.53	21.67	40.296		68.596	26.53	21.67	1135	22.53	34.53
Aguaylla	138	28.30	26.61	21.62	40.296		68.596	26.61	21.62	1135	22.61	34.56
Aguaylla	22.9	28.30	26.58	21.60	40.296		68.596	26.58	21.60	1135	22.59	34.54
Pucallpa	138	28.30	27.23	22.00	40.296		68.596	27.23	22.00	1135	22.80	34.69
Pucallpa	60	28.30	27.26	22.01	40.296	1.6676	68.596	26.93	21.68	1135	22.72	34.67
Arcayacu	138	28.30	26.72	21.71	40.296		68.596	26.72	21.71	1135	22.71	34.65
Tosche	138	28.30	26.97	21.89	40.296		68.596	26.97	21.89	1135	22.80	34.85
Tingo Maria	138	28.30	26.43	21.49	40.296		68.596	26.43	21.49	1135	22.47	34.42
Huánuco	138	28.30	26.37	21.42	40.296		68.596	26.37	21.42	1135	22.48	34.42
Parashati II	138	28.30	26.46	21.48	40.296		68.596	26.46	21.48	1135	22.45	34.38
Parashati II	220	28.30	25.88	21.13	40.296		68.596	25.88	21.13	1135	22.01	34.05
Yauco	138	28.30	25.43	20.80	40.296		68.596	25.43	20.80	1135	21.72	33.67
Yuncán	138	28.30	26.62	20.94	40.296		68.596	26.62	20.94	1135	21.87	33.82
Yuncán	220	28.30	26.70	21.00	40.296		68.596	26.70	21.00	1135	21.94	33.88
Oroya Nueva	220	28.30	25.97	21.21	40.296		68.596	25.97	21.21	1135	21.95	34.10
Oroya Nueva	138	28.30	25.72	21.06	40.296		68.596	25.72	21.06	1135	21.99	33.93
Oroya Nueva	50	28.30	26.83	21.13	40.296		68.596	26.83	21.13	1135	22.07	34.01
Cathuayquero	138	28.30	26.54	21.11	40.296		68.596	26.54	21.11	1135	22.05	34.00
Cathuayquero Nueva	220	28.30	25.85	21.11	40.296		68.596	25.85	21.11	1135	22.05	34.00
Maripa	138	28.30	25.85	20.90	40.296		68.596	25.85	20.90	1135	21.83	33.77
Desierto	220	28.30	26.41	21.64	40.296		68.596	26.41	21.64	1135	22.25	34.54
Condorocha	138	28.30	25.57	20.92	40.296		68.596	25.57	20.92	1135	21.85	33.75
Condorocha	44	28.30	26.57	21.02	40.296		68.596	26.57	21.02	1135	22.15	33.79
Machupicchu	220	28.30	26.16	21.20	40.296		68.596	26.16	21.20	1135	22.19	34.13
Cachmayo	138	28.30	26.99	21.81	40.296		68.596	26.99	21.81	1135	22.84	34.87
Cancho	138	28.30	27.11	21.88	40.296		68.596	27.11	21.88	1135	22.82	34.87
Compañita	138	28.30	27.56	22.24	40.296		68.596	27.56	22.24	1135	23.30	35.25
Tirfava	138	28.30	27.93	22.61	40.296		68.596	27.93	22.61	1135	23.67	35.62
Awaji	138	28.30	27.87	22.33	40.296		68.596	27.87	22.33	1135	23.39	35.34
Aslagaro	138	28.30	27.49	22.16	40.296		68.596	27.49	22.16	1135	23.22	35.17
Aslagaro	138	28.30	27.39	22.08	40.296		68.596	27.39	22.08	1135	23.15	35.11
Masazo	138	28.30	27.30	21.74	40.296		68.596	27.30	21.74	1135	22.85	34.79
Puerto Maldonado	138	28.30	26.97	22.23	40.296		68.596	26.97	22.23	1135	23.31	35.66
Colica	220	28.30	27.67	22.17	40.296		68.596	27.67	22.17	1135	23.34	35.29
Puno	138	28.30	27.60	22.27	40.296		68.596	27.60	22.27	1135	23.34	35.29
Sollid	138	28.30	27.61	22.15	40.296		68.596	27.61	22.15	1135	23.45	35.40
Santuriso	138	28.30	27.26	22.11	40.296		68.596	27.26	22.11	1135	23.14	35.08
Arequipa	138	28.30	27.35	22.15	40.296		68.596	27.35	22.15	1135	23.18	35.13
Scobayasi	220	28.30	27.54	22.32	40.296		68.596	27.54	22.32	1135	23.15	35.11
Cerro Verde	138	28.30	27.44	22.20	40.296		68.596	27.44	22.20	1135	23.24	35.27
Respartón	138	28.30	27.62	22.26	40.296		68.596	27.62	22.26	1135	23.33	35.29
Molendino	138	28.30	27.78	22.35	40.296		68.596	27.78	22.35	1135	23.44	35.41
Moquegua	220	28.30	27.33	22.11	40.296		68.596	27.33	22.11	1135	23.15	35.10
Moquegua	138	28.30	27.35	22.13	40.296		68.596	27.35	22.13	1135	23.17	35.12
Is. G.L.S.	220	28.30	27.62	22.29	40.296		68.596	27.62	22.29	1135	23.35	35.35
Botifacha	138	28.30	27.52	22.27	40.296		68.596	27.52	22.27	1135	23.32	35.27
Toucanal	138	28.30	27.57	22.32	40.296		68.596	27.57	22.32	1135	23.37	35.31
Arcoña	138	28.30	27.38	22.29	40.296		68.596	27.38	22.29	1135	23.30	35.28
Arcoña	66	28.30	27.29	22.27	40.296	0.5601	68.596	27.29	22.27	1135	23.22	35.22
Taña Los Héroes)	220	28.30	27.44	22.16	40.296		68.596	27.44	22.16	1135	23.21	35.21
Taña Los Héroes)	66	28.30	27.35	22.19	40.296		68.596	27.35	22.19	1135	23.26	35.26
La Nina	220	28.30	27.19	22.03	40.296		68.596	27.19	22.03	1135	23.06	35.00
Cotruque	220	28.30	26.67	21.85	40.296		68.596	26.67	21.85	1135	22.65	34.60
Centenario	220	28.30	26.94	21.83	40.296		68.596	26.94	21.83	1135	22.81	34.75
La Ramada	220	28.30	26.52	21.62	40.296		68.596	26.52	21.62	1135	22.61	34.55
Amara	220	28.30	26.52	21.63	40.296		68.596	26.52	21.63	1135	22.61	34.55
Ara	220	28.30	26.25	21.46	40.296		68.596	26.25	21.46	1135	22.46	34.38
Alto Piranesi	220	28.30	26.41	21.55	40.296		68.596	26.41	21.55	1135	22.52	34.46
Flaco	220	28.30	26.49	21.59	40.296		68.596	26.49	21.59	1135	22.57	34.51
Belencito	138	28.30	27.13	21.95	40.296		68.596	27.13	21.95	1135	22.88	34.93
Cedric	220	28.30	26.97	21.86	40.296		68.596	26.97	21.86	1135	22.82	34.82

**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/Setiembre/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 Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,055	1,0370	2,131
SPT de Transmataro (Addendum N° 8)		0,641	1,0370	0,665
SPT de Transmataro (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-Paraqsha v subestaciones asociadas	0,914	1,0370	0,948
	L.T. Paraqsha-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
		LT 220 kV Huallanca-Cajamarca v subestaciones asociadas -	0,000	0,000
SGT Línea Talara Piura 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 Carhuaquero- 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
Subestacion 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
Subestacion 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-Juliaca-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	1,1063	1,062
	RF de Ilo	2,078	1,1068	2,300
	RF de Pucallpa	0,218	1,1835	0,258
	RF de Puerto Maldonado	0,126	1,1825	0,149
Cargo por Prima	RF de Puerto Eten	1,043	1,1668	1,217
	Cogeneración Paramonga	0,127	1,3937	0,177
	C.H. Santa Cruz II	0,057	1,2281	0,070
	C.H. Santa Cruz I	0,052	1,1923	0,062
	C.H. Poechos 2	0,082	1,3659	0,112
	C.H. Roncador	0,032	0,5625	0,018
	C.H. Carhuaquero IV	0,180	1,1556	0,208
	C.H. Caña Brava	0,057	0,9825	0,056
	C.H. La Joya	0,115	1,4348	0,165
	C.T. Huaycoloro	0,127	1,1811	0,150
	C. H. Purmacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,071	1,1690	0,083
	C.H. Huasahuasi II	0,071	1,1268	0,080
	C.H. Nuevo Imperial	0,035	1,4000	0,049
	CS Repartición Solar 20T	0,398	1,1508	0,458
	CS Majes Solar 20T	0,399	1,1479	0,458
	CS Tacna Solar 20T	0,507	1,1460	0,581
	CS Panamericana Solar 20T	0,517	1,1470	0,593
	C.H. Yanapampa	0,036	1,2500	0,045
	C.H. Las Pizarras	0,181	1,0994	0,199
	C.E Marcona	0,257	1,3307	0,342
	C.E. Talara	0,344	1,2035	0,414
	C.E. Cupisnique	0,819	1,2063	0,988
	C.H. Runatullo III	0,185	1,2973	0,240
	C.H. Runatullo II	0,117	1,3419	0,157
	CSF Moquegua FV	0,204	1,1765	0,240
	C.H. Canchaylo	0,017	1,4706	0,025
	C.T. La Gringa V	0,053	1,2075	0,064
	C.H. Chancay	0,203	1,2709	0,258
	C.H. Rucuy	0,044	1,5682	0,069
	C.E. Tres Hermanas	0,744	1,3481	1,003
	C.H. Potrero	0,149	1,1409	0,170
	C.H. Yarucaya	0,102	1,4412	0,147
	C.S. Rubi	0,332	1,4578	0,484
	C.H. Renovandes H1	0,158	1,5886	0,251
	C.S. Intipampa	0,092	1,4891	0,137
	C.E. Wayra I	0,003	73,3333	0,220
	C.B. Huaycoloro II	0,032	1,2500	0,040
	C.H. Angel I	0,126	1,4365	0,181
	C.H. Angel II	0,160	1,3375	0,214
	C.H. Angel III	0,139	1,3885	0,193
	C.H. Her	0,002	0,5000	0,001
	C.H. Carhuac	0,080	1,5625	0,125
	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	1,3077	0,034
	C.H. 8 de Agosto	0,093	1,3763	0,128
Cargo Unitario por FISE (3)		0,473	1,0000	0,473
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,4540	1,1683	2,867
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		2,0400	1,1676	2,382
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,1060	1,1452	0,121

PCSPT =

40,296

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