

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/Diciembre/2022 CON REDONDEO

	TENSION	PPmo	PEMP	PEMF
	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
Olivia	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
Huancaavelica	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
Aguyaylla	220	20.69	20.53	19.97
Aguyaylla	138	20.69	20.59	20.01
Aguyaylla	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	19.89
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	20.11	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	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
Madripichu	138	20.69	19.24	18.83
Cachimayo	138	20.69	20.88	20.16
Cusco	138	20.69	20.98	20.25
Combagata	138	20.69	21.32	20.59
Tilfitya	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	20.42	19.71
Mazuco	138	20.69	21.12	20.13
Puerto Maldonado	138	20.69	22.94	22.57
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	21.38	20.74
Sanitario	138	20.69	21.09	20.46
Arequipa	138	20.69	21.16	20.50
Socobayá	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
Ilo ELS	138	20.69	21.29	20.59
Bofillaca	138	20.69	21.33	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
La Nina	220	20.69	20.64	20.04
Cotarusca	220	20.69	20.54	20.02
Carabayillo	220	20.69	20.57	20.02
La Ramada	220	20.69	20.52	20.03
Lumera	220	20.69	20.31	19.87
Asia	220	20.69	20.44	19.95
Alto Praderas	220	20.69	20.59	19.99
La Planicie	220	20.69	20.80	20.32
Belaudne	220	20.69	20.87	20.23
Cedric	220	20.69	20.43	19.98
Medio Mundo	220	20.69	21.56	20.88
Tintitya Nueva	220	20.69	21.56	20.88

	TENSION	PPM	PEMP	PEMF	PCSPPT	CPSEE	(PPM+PCSPPT)	(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	22.16	23.17	22.34	42.375		64.54	23.17	22.34	11.24	22.51	33.75
Taitano	220	22.16	21.65	21.10	42.375		64.54	21.65	21.10	11.24	21.21	32.61
Piura Oeste	220	22.16	23.07	22.30	42.375		64.54	23.07	22.30	11.24	22.45	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
Carhuauquero	220	22.16	22.52	21.86	42.375		64.54	22.52	21.86	11.24	21.99	33.23
Carhuauquero	138	22.16	22.52	21.85	42.375		64.54	22.52	21.85	11.24	21.98	33.22
Culervo	138	22.16	22.75	22.01	42.375		64.54	22.75	22.01	11.24	22.16	33.40
Jaen	138	22.16	22.97	22.21	42.375		64.54	22.97	22.21	11.24	22.36	33.60
Guadalupe	220	22.16	22.87	22.16	42.375		64.54	22.87	22.16	11.24	22.30	33.54
Guadalupe	60	22.16	22.94	22.21	42.375		64.54	22.94	22.21	11.24	22.36	33.60
Cajamarca	220	22.16	22.53	21.87	42.375		64.54	22.53	21.87	11.24	22.00	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
Chimbole 1	220	22.16	22.58	21.95	42.375		64.54	22.58	21.95	11.24	22.08	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
Paramonga Nueva	220	22.16	22.19	21.69	42.375		64.54	22.19	21.69	11.24	21.79	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
Paramonga Existente	138	22.16	22.06	21.61	42.375		64.54	22.06	21.61	11.24	21.70	32.94
Huacho	220	22.16	22.17	21.69	42.375		64.54	22.17	21.69	11.24	21.79	33.03
Zapallal	220	22.16	22.37	21.77	42.375		64.54	22.37	21.77	11.24	21.88	33.12
Ventanilla	220	22.16	22.36	21.81	42.375		64.54	22.36	21.81	11.24	21.92	33.16
Lima	220	22.16	22.35	21.80	42.375		64.54	22.35	21.80	11.24	21.91	33.15
Cantera	220	22.16	22.16	21.69	42.375		64.54	22.16	21.69	11.24	21.78	33.02
Olivia	220	22.16	22.37	21.77	42.375		64.54	22.37	21.77	11.24	21.88	33.12
Independencia	220	22.16	22.22	21.80	42.375		64.54	22.22	21.80	11.24	21.88	33.12
Ica	220	22.16	22.28	21.83	42.375		64.54	22.28	21.83	11.24	21.92	33.16
Marcona	220	22.16	22.29	21.78	42.375		64.54	22.29	21.78	11.24	21.90	33.14
Mantaro	220	22.16	21.65	21.10	42.375		64.54	21.65	21.10	11.24	21.21	32.45
Huayucachi	220	22.16	21.81	21.25	42.375		64.54	21.81	21.25	11.24	21.36	32.60
Pachachaca	220	22.16	21.89	21.38	42.375		64.54	21.89	21.38	11.24	21.48	32.72
Pomacocha	220	22.16	21.94	21.43	42.375		64.54	21.94	21.43	11.24	21.53	32.77
Huancaavelica	220	22.16	21.83	21.31	42.375		64.54	21.83	21.31	11.24	21.41	32.85
Callahuasaca	220	22.16	22.06	21.53	42.375		64.54	22.06	21.53	11.24	21.64	32.88
Cajamarquilla	220	22.16	22.29	21.73	42.375		64.54	22.29	21.73	11.24	21.84	33.08
Huallanca	138	22.16	22.04	21.46	42.375		64.54	22.04	21.46	11.24	21.58	32.82
Viczarra	220	22.16	22.08	21.55	42.375		64.54	22.08	21.55	11.24	21.66	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
Aguyaylla	220	22.16	22.29	21.68	42.375		64.54	22.29	21.68	11.24	21.80	33.04
Aguyaylla	138	22.16	22.35	21.72	42.375		64.54	22.35	21.72	11.24	21.85	33.09
Aguyaylla	22.9	22.16	22.33	21.71	42.375		64.54	22.33	21.71	11.24	21.83	33.07
Pucallia	138	22.16	22.87	22.10	42.375		64.54	22.87	22.10	11.24	22.25	33.49
Pucallia	60	22.16	22.90	22.11	42.375	1.7309	64.54	24.63	23.84	11.24	24.00	35.24
Acayacu	138	22.16	22.45	21.81	42.375		64.54	22.45	21.81	11.24	21.94	33.38
Toocache	138	22.16	22.66	21.99	42.375		64.54	22.66	21.99	11.24	22.12	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
Huánuco	138	22.16	22.16	21.54	42.375		64.54	22.16	21.54	11.24	21.66	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
Parashtha	220	22.16	21.74	21.23	42.375		64.54	21.74	21.23	11.24	21.33	32.57
Yauy	138	22.16	21.38	20.92	42.375		64.54	21.38	20.92	11.24	21.01	32.29
Yuncán	138	22.16	21.53	21.05	42.375		64.54	21.53	21.05	11.24	21.15	32.39
Oroya Nueva	220	22.16	21.59	21.11	42.375		64.54	21.59	21.11	11.24	21.21	32.45
Oroya Nueva	138	22.16	21.52	21.02	42.375		64.54	21.52	21.02	11.24	21.12	32.50
Oroya Nueva	138	22.16	21.61	21.17	42.375		64.54	21.61	21.17	11.24	21.26	32.55
Oroya Nueva	50	22.16	21.71	21.25	42.375		64.54	21.71	21.25	11.24	21.34	32.58
Carhuaymo	50	22.16	21.71	21.22	42.375		64.54	21.71	21.22	11.24	21.32	32.56
Carhuaymo Nueva	220	22.16	21.72	21.27	42.375		64.54	21.72	21.27	11.24	21.34	32.58
Caripa	220	22.16	21.47	21.02	42.375		64.54	21.47	21.02	11.24	21.11	32.35
Desierto	220	22.16	22.19	21.74	42.375		64.54	22.19	21.74	11.24	21.83	33.07
Condorocha	138	22.16	21.48	21.04	42.375		64.54	21.48	21.04	11.24	21.13	32.37
44	22.16	21.48	21.04	42.375		64.54	21.48	21.04	11.24	21.13	32.37	
Machupichu	220	22.16	21.97	21.31	42.375		64.54	21.97	21.31	11.24	21.44	32.68
Cachmayo	138	22.16	22.67	21.91	42.375		64.54	22.67	21.91	11.24	22.06	33.30
Cusco	138	22.16	22.78	21.98	42.375		64.54	22.78	21.98	11.24	22.14	33.38
Camillapata	138	22.16	22.14	22.35	42.375		64.54	22.14	22.35	11.24	22.51	33.54
Tintaya	138	22.16	22.45	22.71	42.375		64.54	22.45	22.71	11.24	22.86	34.10
Aviavi	138	22.16	22.23	22.43	42.375		64.54	22.23	22.43	11.24	22.59	33.83
Adangaro	138	22.16	22.09	22.27	42.375		64.54	22.09	22.27	11.24	22.43	33.67
San Gabán	138	22.16	22.17	22.42	42.375		64.54	22.17	22.42	11.24	22.54	33.87
Mazuco	138	22.16	22.93	21.85	42.375		64.54	22.93	21.85	11.24	22.06	33.30
Puerto Maldonado	138	22.16	24.90	22.33	42.375		64.54	24.90	22.33	11.24	22.84	34.08
Junco	138	22.16	22.24	22.37	42.375		64.54	22.24	22.37	11.24	22.54	33.78
Junco	138	22.16	22.22	22.37	42.375		64.54	22.22	22.37	11.24	22.54	33.78
Puno	220	22.16	22.18	22.34	42.375		64.54	22.18	22.34	11.24	22.51	33.75
Callali	138	22.16	22.21	22.52	42.375		64.54	22.21	22.52	11.24	22.66	33.90
Sanitario	138	22.16	22.90	22.21	42.375		64.54	22.90	22.21	11.24	22.35	33.59
San Felipe	138	22.16	22.97	22.25	42.375		64.54	22.97	22.25	11.24	22.54	33.81
Scotabaja	220	22.16	22.94	22.23	42.375		64.54	22.94	22.23	11.24	22.37	33.61
Cerro Verde	138	22.16	23.05	22.30	42.375		64.54	23.05	22.30	11.24	22.45	33.69
Repaportón	138	22.16	22.20	22.36	42.375		64.54	22.20	22.36	11.24	22.53	33.77
Rolladito	138	22.16	22.33	22.66	42.375		64.54	22.33	22.66	11.24	22.63	33.87
Moquegua	220	22.16	22.95	22.21	42.375		64.54	22.95	22.21	11.24	22.36	33.60
Moquegua	138	22.16	22.97	22.23	42.375		64.54	22.97	22.23	11.24	22.38	33.62
Io ELS	138	22.16	22.19	22.40	42.375		64.54	22.19	22.40	11.24	22.56	33.80
Moquegua	138	22.16	22.11	22.47	42.375		64.54	22.11	22.47	11.24	22.57	33.78
Toquepala	138	22.16	22.16	22.43	42.375		64.54	22.16	22.43	11.24	22.58	33.82
Arica	138	22.16	22.99	22.39	42.375		64.54	22.99	22.39	11.24	22.51	33.75
Arica	66	22.16	22.92	22.37	42.375	0.5814	64.54	23.50	22.95	11.24	23.06	34.34
La Sora (Los Héroes)	22.16	22.05	22.35	22.37	42.375		64.54	22.05	22.37	11.24	22.47	33.67
Tacna (Los Héroes)	66	22.16	22.13	22.30	42.375	0.5814	64.54	23.71	22.88	11.24	23.05	34.29
La Nina	220	22.16	22.84	22.14	42.375		64.54	22.84	22.14	11.24	22.28	33.52
Cotacuse	220	22.16	22.41	21.76	42.375		64.54	22.41	21.76	11.24	21.89	33.13
Repaportón	220	22.16	22.30	21.73	42.375		64.54	22.30	21.73	11.24	21.94	33.28
La Ramada	220	22.16	22.33	21.73	42.375		64.54	22.33	21.73	11.24	21.85	33.30
Amara	220	22.16	22.28	21.74	42.375		64.54	22.28	21.74	11.24	21.85	33.09
Loa	220	22.16	22.05	21.57	42.375		64.54	22.05	21.57	11.24	21.67	32.91
San Pedro de	220	22.16	22.19	21.65	42.375		64.54	22.19	21.65	11.24	21.77	33.04
La Planicie	138	22.16	22.25	21.70	42.375		64.54	22.25	21.70	11.24	21.81	33.05
Belaunde	138	22.16	22.79	22.06	42.375		64.54	22.79	22.06	11.24</		

PRECIO A NIVEL DE GENERACIÓN

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

ACTUALIZADO AL 04/Diciembre/2022 CON REDONDEO

	TENSIÓN kV	PPM \$/MWh	PEMP \$/MWh	PEMF \$/MWh
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)				
Zorritos	220	29.73	30.44	24.89
Talara	220	29.73	30.76	24.75
Plura Oeste	220	29.73	30.32	24.85
Chichayo Oeste	220	29.73	30.08	24.71
Cathuacuero	220	29.73	29.63	24.39
Cathuacuero	138	29.73	29.62	24.38
Culevno	138	29.73	29.92	24.54
Jesé	138	29.73	30.19	24.75
Guadalupe	220	29.73	30.07	24.70
Guadalupe	60	29.73	30.15	24.75
Camana	220	29.73	29.63	24.40
Trujillo Norte	220	29.73	29.87	24.59
Chimbote I	220	29.73	29.76	24.49
Chimbote I	138	29.73	29.75	24.53
Paramonga Nueva	220	29.73	29.22	24.10
Paramonga Nueva	138	29.73	29.18	24.18
Paramonga Existente	138	29.73	29.06	24.12
Huachó	220	29.73	29.19	24.20
Zapallar	220	29.73	29.38	24.28
Ventanilla	220	29.73	29.43	24.32
Lima	220	29.73	29.42	24.31
Contra	220	29.73	29.17	24.21
Chica	220	29.73	29.97	24.01
Independencia	220	29.73	29.26	24.32
Ica	220	29.73	29.33	24.35
Marcona	220	29.73	29.46	24.29
Mantaro	220	29.73	28.83	23.59
Huayacachi	220	29.73	29.73	23.73
Pachachaca	220	29.73	28.83	23.87
Pomacocha	220	29.73	28.90	23.93
Calahuacana	220	29.73	29.76	23.80
Calahuacana	220	29.73	29.05	24.03
Cajamarquilla	220	29.73	29.33	24.25
Huallanca	138	29.73	29.02	24.06
Vicancia	220	29.73	29.08	24.06
Tingo Maria	220	29.73	29.22	24.12
Aguaylla	220	29.73	29.34	24.20
Aguaylla	138	29.73	29.41	24.24
Aguaylla	22.9	29.73	29.38	24.22
Pucallpa	138	29.73	30.07	24.64
Pucallpa	60	29.73	30.10	24.65
Acajicu	138	29.73	29.54	24.33
Coahuiche	138	29.73	29.79	24.52
Tingo Maria	138	29.73	29.23	24.11
Huánuco	138	29.73	29.17	24.04
Parashati I	138	29.73	29.73	23.73
Parashati I	220	29.73	28.65	23.73
Yacuri	138	29.73	29.19	23.59
Yuncán	138	29.73	29.38	23.53
Yuncán	220	29.73	28.47	23.59
Oroya Nueva	220	29.73	28.75	23.62
Oroya Nueva	138	29.73	28.49	23.65
Oroya Nueva	50	29.73	28.61	23.73
Cathuacuero	138	29.73	28.62	23.71
Cathuacuero Nueva	220	29.73	28.63	23.71
Carpa	138	29.73	28.31	23.49
Desierto	220	29.73	29.22	24.26
Condorcocha	138	29.73	28.33	23.51
Condorcocha	44	29.73	28.33	23.51
Cusco	138	29.73	29.81	24.44
Cusco	138	29.73	29.94	24.51
Comblapat	138	29.73	30.41	24.90
Tintaya	138	29.73	30.80	25.28
Ayaviri	138	29.73	30.53	24.99
Azónaro	138	29.73	30.34	24.81
San Gabán	138	29.73	29.18	23.90
Mazuco	138	29.73	30.14	24.37
Puerto Maldonado	138	29.73	32.62	24.88
Julica	138	29.73	30.53	24.93
Puno	138	29.73	30.51	24.92
Puno	220	29.73	30.46	24.89
Callalí	138	29.73	30.50	25.07
Santuario	138	29.73	30.10	24.76
Arequipa	138	29.73	30.19	24.80
Socabaya	220	29.73	30.16	24.77
Cerro Verde	138	29.73	30.28	24.85
Repatrión	138	29.73	30.48	24.91
Molendo	138	29.73	30.65	25.01
Micoquea	220	29.73	30.17	24.76
Micoquea	138	29.73	30.20	24.78
Ilo ELIS	138	29.73	30.47	24.95
Boffica	138	29.73	30.37	24.93
Toquepala	138	29.73	30.43	24.98
Arcoata	138	29.73	30.22	24.94
Arcoata	66	29.73	30.13	24.83
Tacna (Los Héroes)	220	29.73	30.29	24.81
Tacna (Los Héroes)	66	29.73	30.40	24.84
La Nina	220	29.73	30.03	24.68
Ottersay	220	29.73	29.48	24.27
Carabavillo	220	29.73	29.34	24.25
La Ramada	220	29.73	29.39	24.25
Lomera	220	29.73	29.33	24.26
Asia	220	29.73	29.04	24.08
Alto Pradras	220	29.73	29.21	24.17
La Plancia	220	29.73	29.29	24.21
Belavunde	138	29.73	29.96	24.59
Cadiz	220	29.73	29.80	24.49
Medio Mundo	220	29.73	29.20	24.20
Tintaya Nueva	220	29.73	30.74	25.23

	TENSIÓN kV	PPM \$/MWh	PEMP \$/MWh	PEMF \$/MWh	PCPT \$/MWh	CPSEE \$/MWh	(PPM+PCPT) \$/MWh	(PEMP+CPSEE) \$/MWh	(PEMF+CPSEE) \$/MWh	Potencia cm. S./MWh	Energía cm. S./MWh	Promedio cm. S./MWh
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)												
Zorritos	220	29.73	30.44	24.89	42.375		72.105	30.44	24.89	12.56	25.89	38.25
Talara	220	29.73	30.23	24.75	42.375		72.105	30.23	24.75	12.56	25.76	38.40
Plura Oeste	220	29.73	30.32	24.85	42.375		72.105	30.32	24.85	12.56	25.94	38.50
Chichayo Oeste	220	29.73	30.08	24.71	42.375		72.105	30.08	24.71	12.56	25.78	38.34
Cathuacuero	220	29.73	29.63	24.39	42.375		72.105	29.63	24.39	12.56	25.63	37.59
Cathuacuero	138	29.73	29.62	24.38	42.375		72.105	29.62	24.38	12.56	25.62	37.98
Culevno	138	29.73	29.92	24.54	42.375		72.105	29.92	24.54	12.56	25.81	38.17
Jesé	138	29.73	30.19	24.75	42.375		72.105	30.19	24.75	12.56	25.83	38.39
Guadalupe	220	29.73	30.07	24.70	42.375		72.105	30.07	24.70	12.56	25.77	38.33
Guadalupe	60	29.73	30.15	24.75	42.375		72.105	30.15	24.75	12.56	25.82	38.38
Camana	220	29.73	29.63	24.40	42.375		72.105	29.63	24.40	12.56	25.44	38.00
Trujillo Norte	220	29.73	29.87	24.59	42.375		72.105	29.87	24.59	12.56	25.64	38.20
Chimbote I	220	29.73	29.76	24.49	42.375		72.105	29.76	24.49	12.56	25.52	38.09
Chimbote I	138	29.73	29.75	24.53	42.375		72.105	29.75	24.53	12.56	25.57	38.13
Paramonga Nueva	220	29.73	29.22	24.20	42.375		72.105	29.22	24.20	12.56	25.20	37.76
Paramonga Nueva	138	29.73	29.18	24.18	42.375		72.105	29.18	24.18	12.56	25.18	37.73
Paramonga Existente	138	29.73	29.06	24.12	42.375		72.105	29.06	24.12	12.56	25.10	37.66
Huachó	220	29.73	29.19	24.20	42.375		72.105	29.19	24.20	12.56	25.19	37.75
Zapallar	220	29.73	29.38	24.28	42.375		72.105	29.38	24.28	12.56	25.30	37.85
Ventanilla	220	29.73	29.43	24.32	42.375		72.105	29.43	24.32	12.56	25.34	37.89
Lima	220	29.73	29.42	24.31	42.375		72.105	29.42	24.31	12.56	25.33	37.88
Contra	220	29.73	29.17	24.21	42.375		72.105	29.17	24.21	12.56	25.20	37.75
Chica	220	29.73	29.97	24.01	42.375		72.105	29.97	24.01	12.56	25.00	37.55
Independencia	220	29.73	29.26	24.32	42.375		72.105	29.26	24.32	12.56	25.30	37.86
Ica	220	29.73	29.33	24.35	42.375		72.105	29.33	24.35	12.56	25.34	37.90
Marcona	220	29.73	29.46	24.29	42.375		72.105	29.46	24.29	12.56	25.32	37.88
Mantaro	220	29.73	28.83	23.59	42.375		72.105	28.83	23.59	12.56	24.57	37.41
Huayacachi	220	29.73	29.73	23.73	42.375		72.105	29.73	23.73	12.56	24.73	37.28
Pachachaca	220	29.73	28.83	23.87	42.375		72.105	28.83	23.87	12.56	24.86	37.13
Pomacocha	220	29.73	28.90	23.93	42.375		72.105	28.90	23.93	12.56	24.92	37.48
Calahuacana	220	29.73	29.76	23.80	42.375		72.105	29.76	23.80	12.56	24.96	37.79
Calahuacana	220	29.73	29.05	24.03	42.375		72.105	29.05	24.03	12.56	25.03	37.59
Cajamarquilla	220	29.73	29.33	24.25	42.375		72.105	29.33	24.25	12.56	25.26	37.82
Huallanca	138	29.73	29.02	24.06	42.375		72.105	29.02	24.06	12.56	25.14	37.69
Vicancia	220	29.73	29.08	24.06	42.375		72.105	29.08	24.06	12.56	25.16	37.82
Tingo Maria	220	29.73	29.22	24.12	42.375		72.105	29.22	24.12	12.56	25.14	37.69
Aguaylla	220	29.73	29.34	24.20	42.375		72.105	29.34	24.20	12.56	25.22	37.80
Aguaylla	138	29.73	29.41	24.24	42.375		72.105	29.41	24.24	12.56	25.27	37.83
Aguaylla	22.9	29.73	29.38	24.22	42.375		72.105	29.38	24.22	12.56	25.25	37.78
Pucallpa	138	29.73	30.07	24.64	42.375	1.7309	73.835	30.07	24.64	12.56	25.67	38.25
Pucallpa	60	29.73	30.10	24.65	42.375		72.105	30.10	24.65	12.56	25.47	40.02
Acajicu	138	29.73	29.54	24.33	42.375		72.105	29.54	24.33	12.56	25.37	37.92
Coahuiche	138	29.73	29.79	24.52	42.375		72.105	29.79	24.52	12.56	25.79	38.15
Tingo Maria	138	29.73	29.23	24.11	42.375		72.105	29.23	24.11	12.56	25.13	37.69
Huánuco	138	29.73	29.17	24.04	42.375		72.105	29.17	24.04	12.56	25.06	37.62
Parashati I	138	29.73	29.73	23.73	42.375		72.105	29.73	23.73	12.56	24.77	37.53
Parashati I	220	29.73	28.65	23.73	42.375		72.105	28.65	23.73	12.56	24.71	37.27
Yacuri	138	29.73	29.19	23.59	42.375		72.105	29.19	23.59	12.56	24.56	36.90
Yuncán	138	29.73	29.38	23.53	42.375		72.105	29.38	23.53	12.56	24.50	37.05
Yuncán	220	29.73	28.47	23.59	42.375		72.105	28.47	23.59	12.56	24.46	37.25
Oroya Nueva	220	29.73	28.75	23.62	42.375		72.105	28.75	23.62	12.56	24.80	37.26
Oroya Nueva	138	29.73	28.49	23.65	42.375		72.105	28.49	23.65	12.56	24.61	37.17
Oroya Nueva	50	29.73	28.61	23.73	42.375		72.105	28.61	23.73	12.56	24.70	37.26
Cathuacuero	138	29.73	28.62	23.71	42.375		72.105	28.62	23.71	12.56	24.69	37.27
Cathuacuero Nueva	220	29.73	28.63	23.71	42.375		72.105	28.63	23.71	12.56	24.69	37.25
Perija	138	29.73	28.31	23.49	42.375		72.105	28.31	23.49	12.56	24.45	36.91
Desierto	220	29.73	29.22	24.26	42.375		72.105	29.22	24.26	12.56	25.26	37.80
Condorhuza	138	29.73	28.33	23.51	42.375		72.105	28.33	23.51	12.56	24.47	37.03
Condorhuza	44	29.73	28.33	23.51	42.375		72.105	28.33	23.51	12.56	24.47	37.03
Machupichu	138	29.73	28.95	23.81	42.375		72.105	28.95	23.81	12.56	24.83	37.39
Cachiyacu	138	29.73	29.81	24.44	42.375		72.105	29.81	24.44	12.56	25.51	38.05
Cuzco	138	29.73	29.94	24.94	42.375		72.105	29.94	24.94	12.56	25.61	38.15
Compañita	138	29.73	30.41	24.90	42.375		72.105	30.41	24.90	12.56	26.00	38.55
Asimayo	138	29.73	30.80	25.25	42.375		72.105	30.80	25.25	12.56	26.38	38.84
Ayacu	138	29.73	30.33	24.99	42.375		72.105	30.33	24.99	12.56	25.99	38.65
Andino	138	29.73	30.34	24.81	42.375		72.105	30.34	24.81	12.56	25.91	38.47
San Gabán	138	29.73	30.18	24.90	42.375		72.105	30.18	24.90	12.56	25.85	38.21
Mazuco	138	29.73	30.14	24.37	42.375		72.105	30.14	24.37	12.56	25.52	38.08
Puerto Maldonado	138	29.73	32.62	24.88	42.375		72.105	32.62	24.88	12.56	26.42	38.98
Calica	138	29.73	30.53	24.93	42.375		72.105	30.53	24.93	12.56	26.04	38.54
Puno	138	29.73	30.51	24.92	42.375		72.105	30.51	24.92	12.56	26.03	38.56
Puno	220	29.73	30.46	24.89	42.375		72.105	30.46	24.89	12.56	26.00	38.56
Callali	138	29.73	30.50	24.76	42.375		72.105	30.50	24.76	12.56	25.91	38.71
Sanitario	138	29.73	30.10	24.76	42.375		72.105	30.10	24.76	12.56	25.82	38.33
Arequipa	138	29.73	30.19	24.80	42.375		72.105	30.19	24.80	12.56	25.87	38.40
Socabaya	220	29.73	30.16	24.77	42.375		72.105	30.16	24.77	12.56	25.84	38.40
Cerro Verde	138	29.73	30.28	24.85	42.375		72.105	30.28	24.85	12.56	25.93	38.49
Resacón	138	29.73	30.28	24.91	42.375		72.105	30.28	24.91	12.56	26.02	38.58
Meléndez	220	29.73	30.15	24.91	42.375		72.105	30.15	24.91	12.56	25.93	38.50
Moquegua	220	29.73	30.17	24.76	42.375		72.105	30.17	24.76	12.56	25.84	38.39
Moquegua	138	29.73	30.20	24.78	42.375		72.105	30.20	24.78	12.56	25.86	38.42
Is. E. S.	138	29.73	30.47	24.95	42.375		72.105	30.47	24.95	12.56	26.05	38.61
Bofilaca	138	29.73	30.37	24.93	42.375		72.105	30.37	24.93	12.56	26.01	38.57
Tucopelva	138	29.73	30.43	24.98	42.375		72.105	30.43	24.98	12.56	26.06	38.62
Arcoña	220	29.73	30.22	24.84	42.375		72.105	30.22	24.84	12.56	25.99	38.56
Arcoña	66	29.73	30.13	24.93	42.375	0.8184	72.105	30.13	24.93	12.56	25.97	38.52
Tarma Los Héroes)	220	29.73	30.29	24.81	42.375		72.105	30.29	24.81	12.56	25.90	38.46
Tarma Los Héroes)	66	29.73	30.40	24.84	42.375		72.105	30.40	24.84	12.56	25.85	38.50
La Nina	220	29.73	30.03	24.68	42.375		72.105	30.03	24.68	12.56	25.74	38.30
Cotacachi	220	29.73	29.48	24.27	42.375		72.105	29.48	24.27	12.56	25.51	37.86
Cantelano	220	29.73	29.34	24.25	42.375		72.105	29.34	24.25	12.56	25.42	37.82
La Ramada	220	29.73	29.39	24.25	42.375		72.105	29.39	24.25	12.56	25.27	37.83
Merma	220	29.73	29.33	24.26	42.375		72.105	29.33	24.26	12.56	25.27	37.83
Aste	220	29.73	29.04	24.08	42.375		72.105	29.04	24.08	12.56	25.07	37.62
Alto Praderas	220	29.73	29.21	24.17	42.375		72.105	29.21	24.17	12.56	25.17	37.73
La Florida	220	29.73	29.29	24.29	42.375		72.105	29.29	24.29	12.56	25.22	37.78
Bellavista	138	29.73	29.96	24.59	42.375		72.105	29				

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/Diciembre/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	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
Cargo 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
Cargo 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 Pizarras	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. Canchayillo	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
Cargo Unitario por FISE (3)		0,473	1,2960	0,613
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,4540	1,2494	3,066
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		2,0400	1,2490	2,548
Cargo 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