

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

TARIFAS EN BARRA (Res. N°067-2021-OS/CD y N°143-2021-OS/CD)

FIJACION AL 04/MAYO/2021

ACTUALIZADO AL 04/Julio/2021 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	21.10	19.07	17.66
Talara	220	21.10	19.07	17.66
Piura Oeste	220	21.10	19.08	17.62
Chidayo Oeste	220	21.10	18.76	17.46
Carhuazquero	220	21.10	18.46	17.22
Carhuazquero	138	21.10	18.47	17.22
Culervo	138	21.10	18.65	17.33
Jaen	138	21.10	18.82	17.48
Guadalupe	220	21.10	18.75	17.46
Guadalupe	60	21.10	18.81	17.50
Cajamarca	220	21.10	18.44	17.20
Trujillo Norte	220	21.10	18.64	17.39
Chimbote 1	220	21.10	18.53	17.31
Chimbote 1	138	21.10	18.56	17.33
Paramonga Nueva	220	21.10	18.18	17.05
Paramonga Nueva	138	21.10	18.15	17.03
Paramonga Existente	138	21.10	18.07	16.99
Huacho	220	21.10	18.19	17.08
Zapallal	220	21.10	17.37	16.21
Ventanilla	220	21.10	18.40	17.25
Lima	220	21.10	18.39	17.24
Cantera	220	21.10	18.19	17.12
Chica	220	21.10	18.09	17.02
Independencia	220	21.10	18.23	17.18
Ica	220	21.10	18.27	17.22
Marcona	220	21.10	18.40	17.24
Mantaro	220	21.10	17.75	16.68
Huayvachachi	220	21.10	17.80	16.80
Pachachaca	220	21.10	17.95	16.89
Pomacocha	220	21.10	17.99	16.91
Huanzavelica	220	21.10	17.80	16.83
Callahuanca	220	21.10	18.13	17.02
Cajamarquilla	220	21.10	18.33	17.20
Huallanca	138	21.10	18.03	16.85
Viczarra	220	21.10	17.89	16.71
Tingo Maria	220	21.10	17.59	16.36
Aguyaylla	220	21.10	17.44	16.20
Aguyaylla	138	21.10	17.48	16.23
Aguyaylla	22.9	21.10	17.47	16.22
Pucallpa	138	21.10	17.98	16.58
Pucallpa	60	21.10	18.00	16.58
Aucayacu	138	21.10	17.86	16.60
Toocache	138	21.10	18.14	16.86
Tingo Maria	138	21.10	17.54	16.30
Huánuco	138	21.10	17.80	16.54
Paragsha II	138	21.10	17.75	16.58
Paragsha	220	21.10	17.71	16.53
Yauca	138	21.10	17.42	16.29
Yuncán	138	21.10	17.55	16.40
Yuncán	220	21.10	17.60	16.44
Oroya Nueva	220	21.10	17.83	16.79
Oroya Nueva	138	21.10	17.72	16.72
Oroya Nueva	50	21.10	17.77	16.73
Carhuamayo	138	21.10	17.72	16.56
Carhuamayo Nueva	220	21.10	17.71	16.53
Chiripa	138	21.10	17.63	16.52
Desierto	220	21.10	18.21	17.15
Condorochaca	138	21.10	17.63	16.52
Condorochaca	44	21.10	17.63	16.52
Machupichu	138	21.10	18.04	16.85
Cachimayo	138	21.10	18.58	17.37
Cusco	138	21.10	18.66	17.37
Combapata	138	21.10	18.96	17.65
Tintaya	138	21.10	18.21	17.95
Ayewil	138	21.10	18.94	17.64
Azángaro	138	21.10	18.77	17.46
San Gabán	138	21.10	17.85	16.67
Mazuc	138	21.10	18.44	17.01
Puerto Maldonado	138	21.10	19.98	17.38
Julica	138	21.10	18.94	17.59
Puno	138	21.10	18.94	17.59
Puno	220	21.10	18.91	17.57
Callalli	138	21.10	18.98	17.75
Sanitario	138	21.10	18.76	17.55
Arequipa	220	21.10	18.84	17.59
Scobayta	220	21.10	18.82	17.58
Cerro Verde	138	21.10	18.60	17.63
Repatriación	138	21.10	19.02	17.68
Mollendo	138	21.10	19.13	17.76
Moquegua	220	21.10	19.82	17.55
Moquegua	138	21.10	18.84	17.57
Moquegua	138	21.10	19.01	17.67
Bofilaca	138	21.10	18.95	17.67
Toquepala	138	21.10	18.98	17.72
Aricota	138	21.10	18.85	17.69
Aricota	66	21.10	18.79	17.68
Tacna (Los Héroes)	220	21.10	18.90	17.59
Tacna (Los Héroes)	66	21.10	18.97	17.62
La Nina	220	21.10	18.76	17.46
Cotacusa	220	21.10	18.35	17.18
Carabayillo	220	21.10	18.35	17.19
La Ramada	220	21.10	18.27	17.06
Lomera	220	21.10	18.31	17.17
Asia	220	21.10	18.12	17.04
Alto Praderas	220	21.10	18.24	17.11
La Planicie	220	21.10	18.32	17.17
Belisunde	138	21.10	18.63	17.31
Cediz	220	21.10	18.54	17.25
Medio Mundo	220	21.10	18.18	17.07
Tintaya Nueva	220	21.10	19.18	17.91

	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	21.71	19.61	18.16	38.462	60.17	19.61	18.16	10.48	18.45	28.93	
Talara	220	21.71	19.25	18.16	38.462	60.17	19.25	18.16	10.48	18.34	28.82	
Piura Oeste	220	21.71	19.52	18.12	38.462	60.17	19.52	18.12	10.48	18.40	28.88	
Chidayo Oeste	220	21.71	19.29	17.95	38.462	60.17	19.29	17.95	10.48	18.22	28.70	
Carhuazquero	220	21.71	18.98	17.71	38.462	60.17	18.98	17.71	10.48	17.96	28.44	
Carhuazquero	138	21.71	18.99	17.71	38.462	60.17	18.99	17.71	10.48	17.96	28.44	
Culervo	138	21.71	19.16	17.82	38.462	60.17	19.16	17.82	10.48	18.09	28.57	
Jaen	138	21.71	19.35	17.97	38.462	60.17	19.35	17.97	10.48	18.24	28.72	
Guadalupe	220	21.71	19.28	17.95	38.462	60.17	19.28	17.95	10.48	18.21	28.69	
Guadalupe	60	21.71	19.34	18.00	38.462	60.17	19.34	18.00	10.48	18.27	28.75	
Cajamarca	220	21.71	18.96	17.69	38.462	60.17	18.96	17.69	10.48	17.94	28.42	
Trujillo Norte	220	21.71	19.17	17.88	38.462	60.17	19.17	17.88	10.48	18.14	28.62	
Chimbote 1	220	21.71	19.05	17.80	38.462	60.17	19.05	17.80	10.48	18.05	28.53	
Chimbote 1	138	21.71	19.09	17.82	38.462	60.17	19.09	17.82	10.48	18.07	28.55	
Paramonga Nueva	220	21.71	18.69	17.53	38.462	60.17	18.69	17.53	10.48	17.76	28.24	
Paramonga Nueva	138	21.71	18.66	17.51	38.462	60.17	18.66	17.51	10.48	17.74	28.22	
Paramonga Existente	138	21.71	18.58	17.47	38.462	60.17	18.58	17.47	10.48	17.69	28.17	
Huacho	220	21.71	18.70	17.56	38.462	60.17	18.70	17.56	10.48	17.79	28.27	
Zapallal	220	21.71	18.89	17.70	38.462	60.17	18.89	17.70	10.48	17.94	28.42	
Ventanilla	220	21.71	18.92	17.74	38.462	60.17	18.92	17.74	10.48	17.97	28.45	
Lima	220	21.71	18.91	17.73	38.462	60.17	18.91	17.73	10.48	17.96	28.44	
Cantera	220	21.71	18.70	17.60	38.462	60.17	18.70	17.60	10.48	17.82	28.30	
Chica	220	21.71	18.60	17.48	38.462	60.17	18.60	17.48	10.48	17.70	28.18	
Independencia	220	21.71	18.75	17.67	38.462	60.17	18.75	17.67	10.48	17.88	28.36	
Ica	220	21.71	18.79	17.71	38.462	60.17	18.79	17.71	10.48	17.92	28.40	
Marcona	220	21.71	18.92	17.73	38.462	60.17	18.92	17.73	10.48	17.97	28.45	
Mantaro	220	21.71	18.25	17.15	38.462	60.17	18.25	17.15	10.48	17.53	27.95	
Huayvachachi	220	21.71	18.30	17.28	38.462	60.17	18.30	17.28	10.48	17.48	27.86	
Pachachaca	220	21.71	18.46	17.37	38.462	60.17	18.46	17.37	10.48	17.59	28.07	
Pomacocha	220	21.71	18.50	17.39	38.462	60.17	18.50	17.39	10.48	17.61	28.09	
Huanzavelica	220	21.71	18.41	17.31	38.462	60.17	18.41	17.31	10.48	17.53	28.01	
Callahuanca	220	21.71	18.64	17.50	38.462	60.17	18.64	17.50	10.48	17.73	28.21	
Cajamarquilla	220	21.71	18.85	17.69	38.462	60.17	18.85	17.69	10.48	17.92	28.40	
Huallanca	138	21.71	18.54	17.33	38.462	60.17	18.54	17.33	10.48	17.57	28.05	
Viczarra	220	21.71	18.40	17.18	38.462	60.17	18.40	17.18	10.48	17.42	27.90	
Tingo Maria	220	21.71	18.09	16.82	38.462	60.17	18.09	16.82	10.48	17.07	27.55	
Aguyaylla	220	21.71	17.93	16.66	38.462	60.17	17.93	16.66	10.48	16.91	27.39	
Aguyaylla	138	21.71	17.97	16.69	38.462	60.17	17.97	16.69	10.48	16.94	27.42	
Aguyaylla	22.9	21.71	17.96	16.68	38.462	60.17	17.96	16.68	10.48	16.93	27.41	
Pucallpa	138	21.71	18.49	17.05	38.462	60.17	18.49	17.05	10.48	17.34	27.82	
Pucallpa	60	21.71	18.51	17.05	38.462	1.8972	20.41	18.95	10.48	19.24	29.72	
Aucayacu	138	21.71	18.37	17.07	38.462	60.17	18.37	17.07	10.48	17.33	27.81	
Toocache	138	21.71	18.65	17.34	38.462	60.17	18.65	17.34	10.48	17.80	28.08	
Tingo Maria	138	21.71	18.04	16.76	38.462	60.17	18.04	16.76	10.48	17.04	27.58	
Huánuco	138	21.71	18.30	17.01	38.462	60.17	18.30	17.01	10.48	17.27	27.75	
Paragsha II	138	21.71	18.25	17.05	38.462	60.17	18.25	17.05	10.48	17.29	27.77	
Paragsha	220	21.71	18.21	17.00	38.462	60.17	18.21	17.00	10.48	17.24	27.72	
Yauca	138	21.71	17.91	16.75	38.462	60.17	17.91	16.75	10.48	16.98	27.42	
Yuncán	138	21.71	18.05	16.86	38.462	60.17	18.05	16.86	10.48	17.10	27.58	
Yuncán	220	21.71	18.10	16.91	38.462	60.17	18.10	16.91	10.48	17.15	27.63	
Oroya Nueva	220	21.71	18.33	17.27	38.462	60.17	18.33	17.27	10.48	17.48	27.96	
Oroya Nueva	138	21.71	18.22	17.10	38.462	60.17	18.22	17.10	10.48	17.32	27.80	
Oroya Nueva	50	21.71	18.27	17.20	38.462	60.17	18.27	17.20	10.48	17.41	27.89	
Carhuayama	220	21.71	18.22	17.03	38.462	60.17	18.22	17.03	10.48	17.27	27.71	
Carhuayama Nueva	220	21.71	18.21	17.00	38.462	60.17	18.21	17.00	10.48	17.24	27.71	
Caripa	138	21.71	18.13	16.99	38.462	60.17	18.13	16.99	10.48	17.22	27.70	
Desierto	220	21.71	18.73	17.64	38.462	60.17	18.73	17.64	10.48	17.86	28.34	
Condorocha	138	21.71	18.13	16.99	38.462	60.17	18.13	16.99	10.48	17.22	27.70	
Condorocha	44	21.71	18.13	16.99	38.462	60.17	18.13	16.99	10.48	17.22	27.70	
Machupichu	138	21.71	18.55	17.33	38.462	60.17	18.55	17.33	10.48	17.57	28.05	
Cachimayo	138	21.71	19.11	17.80	38.462	60.17	19.11	17.80	10.48	18.06	28.54	
Lucas	138	21.71	19.19	17.86	38.462	60.17	19.19	17.86	10.48	18.13	28.61	
Combagata	138	21.71	19.50	18.15	38.462	60.17	19.50	18.15	10.48	18.42	28.81	
Tintaya	138	21.71	19.75	18.46	38.462	60.17	19.75	18.46	10.48	18.72	29.29	
Avayati	138	21.71	19.48	18.14	38.462	60.17	19.48	18.14	10.48	18.41	28.89	
Acónigara	138	21.71	19.30	17.92	38.462	60.17	19.30	17.92	10.48	18.25	28.70	
San Gabán	138	21.71	18.36	17.14	38.462	60.17	18.36	17.14	10.48	17.38	27.86	
Mazuzo	138	21.71	18.96	17.49	38.462	60.17	18.96	17.49	10.48	17.78	28.26	
Puerto Maldonado	138	21.71	20.55	17.87	38.462	60.17	20.55	17.87	10.48	18.40	28.88	
Alfaca	138	21.71	19.46	18.09	38.462	60.17	19.46	18.09	10.48	18.37	28.85	
Puno	138	21.71	19.48	18.09	38.462	60.17	19.48	18.09	10.48	18.37	28.85	
Puno	220	21.71	19.45	18.07	38.462	60.17	19.45	18.07	10.48	18.34	28.82	
Callali	138	21.71	19.52	18.25	38.462	60.17	19.52	18.25	10.48	18.50	28.98	
San Carlos	138	21.71	19.29	18.05	38.462	60.17	19.29	18.05	10.48	18.30	28.86	
Arequipa	220	21.71	19.37	18.09	38.462	60.17	19.37	18.09	10.48	18.34	28.82	
Scobayta	138	21.71	19.35	18.08	38.462	60.17	19.35	18.08	10.48	18.33	28.81	
Cerro Verde	138	21.71	19.43	18.13	38.462	60.17	19.43	18.13	10.48	18.39	28.87	
Repapirillo	138	21.71	19.56	18.17	38.462	60.17	19.56	18.17	10.48	18.45	28.93	
Nolando	138	21.71	19.67	18.26	38.462	60.17	19.67	18.26	10.48	18.54	29.02	
Moquegua	220	21.71	19.35	18.05	38.462	60.17	19.35	18.05	10.48	18.31	28.79	
Moquegua	138	21.71	19.37	18.07	38.462	60.17	19.37	18.07	10.48	18.33	28.81	
EL EL S	138	21.71	19.55	18.20	38.462	60.17	19.55	18.20	10.48	18.47	28.90	
Bofilfaca	138	21.71	19.49	18.18	38.462	60.17	19.49	18.18	10.48	18.44	28.92	
Toquepala	138	21.71	19.52	18.22	38.462	60.17	19.52	18.22	10.48	18.48	28.96	
Antofa	138	21.71	19.38	18.19	38.462	60.17	19.38	18.19	10.48	18.43	28.91	
Arifona	60	21.71	19.32	18.18	38.462	0.5593	19.87	18.18	10.48	18.37	28.95	
Tacna (Los Héroes)	220	21.71	19.43	18.09	38.462	60.17	19.43	18.09	10.48	18.36	28.84	
Tacna (Los Héroes)	66	21.71	19.51	18.12	38.462	0.5593	20.07	18.68	10.48	18.56	29.44	
La Nina	220	21.71	19.29	17.95	38.462	60.17	19.29	17.95	10.48	18.22	28.70	
Cotacuse	220	21.71	18.87	17.67	38.462	60.17	18.87	17.67	10.48	17.91	28.39	
Arancayillo	220	21.71	18.87	17.68	38.462	60.17	18.87	17.68	10.48	17.92	28.40	
La Ramada	220	21.71	18.79	17.54	38.462	60.17	18.79	17.54	10.48	17.79	28.27	
Lomera	220	21.71	18.83	17.66	38.462	60.17	18.83	17.66	10.48	17.89	28.37	
Atita	220	21.71	17.52	16.33	38.462	60.17	17.52	16.33	10.48	17.44	28.22	
Atita	220	21.71	18.76	17.59	38.462	60.17	18.76	17.59	10.48	17.82	28.30	
La Planicie	220	21.71	18.84	17.66	38.462	60.17	18.84	17.66	10.48	17.89	28.37	
Belanda	138	21.71	19.16	17.80	38.462	60.17	19.16	17.80	10.48	18.07	28	

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 082-2021-OS/CD)
FIJACIÓN AL 04/05/2021

ACTUALIZADO AL 04/Julio/2021 CON REDONDEO

	TENSIÓN kV	PPM \$/kW.hrs	PEMP ctm. \$/kW.h	PEMF ctm. \$/kW.h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)				
Zorritos	220	24.93	23.21	18.62
Talara	220	24.93	23.05	18.51
Plura Oeste	220	24.93	23.11	18.58
Chichayo Oeste	220	24.93	22.87	18.43
Cathuacuero	220	24.93	22.50	18.17
Cathuacuero	138	24.93	22.50	18.17
Culervo	138	24.93	22.73	18.29
Jen	138	24.93	22.93	18.45
Guadalupe	220	24.93	22.86	18.42
Guadalupe	60	24.93	22.93	18.47
Cañanara	220	24.93	22.48	18.15
Trujillo Norte	220	24.93	22.72	18.35
Chimbote 1	220	24.93	22.59	18.27
Chimbote 1	138	24.93	22.62	18.30
Paramonga Nueva	220	24.93	22.16	18.00
Paramonga Nueva	138	24.93	22.12	17.98
Paramonga Existente	138	24.93	22.02	17.93
Huacho	220	24.93	22.17	18.03
Zapalal	220	24.93	22.40	18.18
Ventanilla	220	24.93	22.44	18.22
Lima	220	24.93	22.42	18.20
Cantara	220	24.93	22.18	18.08
Chilca	220	24.93	22.05	17.95
Independencia	220	24.93	22.22	18.14
Ica	220	24.93	22.28	18.18
Marcona	220	24.93	22.43	18.20
Mantaro	220	24.93	21.64	17.62
Huayacachi	220	24.93	21.70	17.74
Pachachaca	220	24.93	21.89	17.84
Pomacocha	220	24.93	21.93	17.86
Huancavelica	220	24.93	21.82	17.77
Callahuana	220	24.93	22.10	17.98
Cajamarquilla	220	24.93	22.35	18.16
Huallanca	138	24.93	21.97	17.78
Vicana	220	24.93	21.81	17.63
Tingo Maria	220	24.93	21.43	17.26
Aguaylla	220	24.93	21.25	17.09
Aguaylla	138	24.93	21.31	17.12
Aguaylla	22.9	24.93	21.28	17.11
Pucallpa	138	24.93	21.92	17.49
Pucallpa	60	24.93	21.94	17.50
Acayacu	138	24.93	21.77	17.51
Tocachi	138	24.93	22.11	17.75
Tingo Maria	138	24.93	21.38	17.20
Huánuco	138	24.93	21.69	17.45
Paracachi I	138	24.93	21.63	17.45
Paragahua	220	24.93	21.58	17.44
Yauco	138	24.93	21.23	17.18
Yuncán	138	24.93	21.38	17.30
Yuncán	220	24.93	21.45	17.34
Oroya Nueva	220	24.93	21.73	17.74
Oroya Nueva	138	24.93	21.60	17.56
Oroya Nueva	50	24.93	21.66	17.67
Cathuacuero	138	24.93	21.59	17.47
Cathuacuero Nueva	220	24.93	21.58	17.44
Caripa	138	24.93	21.49	17.44
Desierto	220	24.93	22.20	18.12
Condorcocha	138	24.93	21.49	17.44
Condorcocha	44	24.93	21.49	17.44
Machupichu	138	24.93	21.99	17.80
Cachimayo	138	24.93	22.66	18.28
Cusco	138	24.93	22.75	18.34
Comblapat	138	24.93	22.12	18.05
Tintaya	138	24.93	23.42	18.95
Ayaviri	138	24.93	23.09	18.63
Asinero	138	24.93	22.89	18.44
San Gabán	138	24.93	21.76	17.60
Mazuco	138	24.93	22.49	17.96
Puerto Maldonado	138	24.93	24.36	19.35
Julica	138	24.93	23.09	18.57
Puno	138	24.93	23.10	18.58
Puno	220	24.93	23.05	18.56
Callalí	138	24.93	23.14	18.75
Santuario	138	24.93	22.87	18.53
Arequipa	138	24.93	22.97	18.58
Socabaya	220	24.93	22.95	18.56
Cerro Verde	138	24.93	23.05	18.62
Repatrión	138	24.93	23.19	18.67
Molendo	138	24.93	23.33	18.75
Moquegua	220	24.93	22.95	18.54
Moquegua	138	24.93	22.97	18.56
Ito ELS	138	24.93	23.18	18.69
Boffica	138	24.93	23.10	18.67
Toquepala	138	24.93	23.15	18.71
Aricota	138	24.93	22.98	18.68
Aricota	66	24.93	22.90	18.67
Tacna (Los Héroes)	220	24.93	23.04	18.68
Tacna (Los Héroes)	66	24.93	23.13	18.61
La Nina	220	24.93	22.85	18.43
Cotacusi	220	24.93	22.37	18.14
Carabayillo	220	24.93	22.37	18.15
La Ramada	220	24.93	22.27	18.01
Lumera	220	24.93	22.33	18.13
Aia	220	24.93	22.10	18.00
Alto Piedras	220	24.93	22.24	18.07
La Planicie	220	24.93	22.34	18.13
Belavande	138	24.93	22.70	18.26
Cadiz	220	24.93	22.59	18.21
Medio Mundo	220	24.93	22.16	18.02
Tintaya Nueva	220	24.93	23.38	18.92

	TENSIÓN kV	PPM \$/kW.hrs	PEMP ctm. \$/kW.h	PEMF ctm. \$/kW.h	PCSPT \$/kW.hrs	CPSEE ctm. \$/kW.h	(PPM+PCSPT) \$/kW.hrs	(PEMP + CPSEE) ctm. \$/kW.h	(PEMF + CPSEE) ctm. \$/kW.h	Potencia ctm. S./kW.h	Energía ctm. S./kW.h	Promedio ctm. S./kW.h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)												
Zorritos	220	24.93	23.21	18.62	38.462		63.392	23.21	18.62	11.04	19.53	30.57
Talara	220	24.93	23.05	18.51	38.462		63.392	23.05	18.51	11.04	19.41	30.45
Plura Oeste	220	24.93	23.11	18.58	38.462		63.392	23.11	18.58	11.04	19.48	30.52
Chichayo Oeste	220	24.93	22.87	18.43	38.462		63.392	22.87	18.43	11.04	19.21	30.25
Cathuacuero	220	24.93	22.50	18.17	38.462		63.392	22.50	18.17	11.04	19.03	30.07
Cathuacuero	138	24.93	22.50	18.17	38.462		63.392	22.50	18.17	11.04	19.03	30.07
Culervo	138	24.93	22.73	18.29	38.462		63.392	22.73	18.29	11.04	19.17	30.21
Jen	138	24.93	22.93	18.45	38.462		63.392	22.93	18.45	11.04	19.34	30.38
Guadalupe	220	24.93	22.86	18.42	38.462		63.392	22.86	18.42	11.04	19.30	30.34
Guadalupe	60	24.93	22.93	18.47	38.462		63.392	22.93	18.47	11.04	19.36	30.40
Cañanara	220	24.93	22.48	18.15	38.462		63.392	22.48	18.15	11.04	19.01	30.06
Trujillo Norte	220	24.93	22.72	18.35	38.462		63.392	22.72	18.35	11.04	19.22	30.26
Chimbote 1	220	24.93	22.59	18.27	38.462		63.392	22.59	18.27	11.04	19.13	30.17
Chimbote 1	138	24.93	22.62	18.30	38.462		63.392	22.62	18.30	11.04	19.16	30.20
Paramonga Nueva	220	24.93	22.16	18.00	38.462		63.392	22.16	18.00	11.04	18.83	29.87
Paramonga Nueva	138	24.93	22.12	17.98	38.462		63.392	22.12	17.98	11.04	18.80	29.84
Paramonga Existente	138	24.93	22.02	17.93	38.462		63.392	22.02	17.93	11.04	18.74	29.78
Huacho	220	24.93	22.17	18.03	38.462		63.392	22.17	18.03	11.04	18.85	29.89
Zapalal	220	24.93	22.40	18.18	38.462		63.392	22.40	18.18	11.04	19.02	30.06
Ventanilla	220	24.93	22.44	18.22	38.462		63.392	22.44	18.22	11.04	19.06	30.10
Lima	220	24.93	22.42	18.20	38.462		63.392	22.42	18.20	11.04	19.04	30.08
Cantara	220	24.93	22.18	18.08	38.462		63.392	22.18	18.08	11.04	18.90	29.94
Chilca	220	24.93	22.05	17.95	38.462		63.392	22.05	17.95	11.04	18.77	29.81
Independencia	220	24.93	22.22	18.14	38.462		63.392	22.22	18.14	11.04	18.95	29.99
Ica	220	24.93	22.28	18.18	38.462		63.392	22.28	18.18	11.04	19.00	30.04
Marcona	220	24.93	22.43	18.20	38.462		63.392	22.43	18.20	11.04	19.04	30.08
Mantaro	220	24.93	21.64	17.62	38.462		63.392	21.64	17.62	11.04	18.65	29.66
Huayacachi	220	24.93	21.70	17.74	38.462		63.392	21.70	17.74	11.04	18.74	29.87
Pachachaca	220	24.93	21.89	17.84	38.462		63.392	21.89	17.84	11.04	18.85	29.89
Pomacocha	220	24.93	21.93	17.86	38.462		63.392	21.93	17.86	11.04	18.67	29.71
Huancavelica	220	24.93	21.82	17.77	38.462		63.392	21.82	17.77	11.04	18.63	29.67
Callahuana	220	24.93	22.10	17.98	38.462		63.392	22.10	17.98	11.04	18.80	29.84
Cajamarquilla	220	24.93	22.35	18.16	38.462		63.392	22.35	18.16	11.04	18.99	30.03
Huallanca	138	24.93	21.97	17.78	38.462		63.392	21.97	17.78	11.04	18.93	29.97
Vicana	220	24.93	21.81	17.63	38.462		63.392	21.81	17.63	11.04	18.46	29.50
Tingo Maria	220	24.93	21.43	17.26	38.462		63.392	21.43	17.26	11.04	18.09	29.13
Aguaylla	220	24.93	21.25	17.09	38.462		63.392	21.25	17.09	11.04	17.94	28.99
Aguaylla	138	24.93	21.31	17.12	38.462		63.392	21.31	17.12	11.04	17.95	28.99
Aguaylla	22.9	24.93	21.28	17.11	38.462		63.392	21.28	17.11	11.04	17.94	28.98
Pucallpa	138	24.93	21.92	17.49	38.462		63.392	21.92	17.49	11.04	18.37	29.41
Pucallpa	60	24.93	21.94	17.50	38.462	1.8972	63.392	21.94	17.50	11.04	18.28	29.32
Acayacu	138	24.93	21.77	17.51	38.462		63.392	21.77	17.51	11.04	18.36	29.40
Tocachi	138	24.93	22.11	17.75	38.462		63.392	22.11	17.75	11.04	18.59	29.69
Tingo Maria	138	24.93	21.38	17.20	38.462		63.392	21.38	17.20	11.04	18.03	29.07
Huánuco	138	24.93	21.69	17.45	38.462		63.392	21.69	17.45	11.04	18.29	29.33
Paracachi I	138	24.93	21.63	17.45	38.462		63.392	21.63	17.45	11.04	18.29	29.33
Paragahua	220	24.93	21.58	17.44	38.462		63.392	21.58	17.44	11.04	18.26	29.30
Yauco	138	24.93	21.23	17.18	38.462		63.392	21.23	17.18	11.04	17.99	29.00
Yuncán	138	24.93	21.38	17.30	38.462		63.392	21.38	17.30	11.04	18.11	29.15
Yuncán	220	24.93	21.45	17.34	38.462		63.392	21.45	17.34	11.04	18.16	29.20
Oroya Nueva	220	24.93	21.73	17.74	38.462		63.392	21.73	17.74	11.04	18.53	29.67
Oroya Nueva	138	24.93	21.60	17.56	38.462		63.392	21.60	17.56	11.04	18.36	29.40
Oroya Nueva	60	24.93	21.66	17.67	38.462		63.392	21.66	17.67	11.04	18.40	29.50
Cathuacuero	138	24.93	21.59	17.47	38.462		63.392	21.59	17.47	11.04	18.29	29.23
Cathuacuero Nueva	220	24.93	21.58	17.44	38.462		63.392	21.58	17.44	11.04	18.26	29.30
Carpis	138	24.93	21.49	17.44	38.462		63.392	21.49	17.44	11.04	18.29	29.29
Desierto	220	24.93	22.20	18.12	38.462		63.392	22.20	18.12	11.04	18.93	29.97
Condorcocha	138	24.93	21.49	17.44	38.462		63.392	21.49	17.44	11.04	18.25	29.29
Condorcocha	60	24.93	21.49	17.44	38.462		63.392	21.49	17.44	11.04	18.29	29.29
Machupicazo	138	24.93	21.99	17.80	38.462		63.392	21.99	17.80	11.04	18.63	29.67
Cachimayo	138	24.93	22.66	18.28	38.462		63.392	22.66	18.28	11.04	19.15	30.19
Cachimayo	138	24.93	22.75	18.34	38.462		63.392	22.75	18.34	11.04	19.22	30.26
Compañata	138	24.93	23.12	18.65	38.462		63.392	23.12	18.65	11.04	19.54	30.58
Tiripay	138	24.93	23.42	18.95	38.462		63.392	23.42	18.95	11.04	19.84	30.88
Uchire	138	24.93	23.09	18.63	38.462		63.392	23.09	18.63	11.04	19.53	30.56
Azángaro	138	24.93	22.89	18.44	38.462		63.392	22.89	18.44	11.04	19.33	30.37
San Gaben	138	24.93	21.76	17.60	38.462		63.392	21.76	17.60	11.04	18.43	29.43
Mazucos	138	24.93	22.49	17.86	38.462		63.392	22.49	17.86	11.04	18.96	29.96
Puerto Maldonado	138	24.93	24.36	18.35	38.462		63.392	24.36	18.35	11.04	19.55	30.59
Jalisco	138	24.93	23.09	18.57	38.462		63.392	23.09	18.57	11.04	19.47	30.51
Puno	138	24.93	23.10	18.58	38.462		63.392	23.10	18.58	11.04	19.48	30.52
Puno	220	24.93	23.05	18.56	38.462		63.392	23.05	18.56	11.04	19.45	30.48
Uchire	138	24.93	23.14	18.75	38.462		63.392	23.14	18.75	11.04	19.52	30.61
San Juan	138	24.93	22.87	18.53	38.462		63.392	22.87	18.53	11.04	19.23	30.23
Arequipa	138	24.93	22.97	18.58	38.462		63.392	22.97	18.58	11.04	19.45	30.46
Acobamba	220	24.93	22.95	18.56	38.462		63.392	22.95	18.56	11.04	19.43	30.47
Cerro Verde	138	24.93	23.05	18.62	38.462		63.392	23.05	18.62	11.04	19.50	30.54
Pachachaca	138	24.93	23.19	18.67	38.462		63.392	23.19	18.67	11.04	19.57	30.61
Chileno	220	24.93	23.33	18.75	38.462		63.392	23.33	18.75	11.04	19.70	30.75
Moquegua	220	24.93	22.95	18.54	38.462		63.392	22.95	18.54	11.04	19.42	30.46
Moquegua	138	24.93	22.97	18.56	38.462		63.392	22.97	18.56	11.04	19.44	30.48
EL S	220	24.93	23.18	18.69	38.462		63.392	23.18	18.69	11.04	19.62	30.62
Bohica	138	24.93	23.10	18.67	38.462		63.392	23.10	18.67	11.04	19.55	30.59
Tucopallpa	138	24.93	23.15	18.71	38.462		63.392	23.15	18.71	11.04	19.59	30.63
Arica	220	24.93	22.98	18.68	38.462		63.392	22.98	18.68	11.04	19.54	30.58
Arica	66	24.93	22.90	18.67	38.462	0.5593	63.392	22.90	18.67	11.04	19.51	30.55
Taña (Los Héroes)	220	24.93	23.04	18.58	38.462		63.392	23.04	18.58	11.04	19.47	30.51
Taña (Los Héroes)	66	24.93	23.13	18.61	38.462	0.5593	63.392	23.13	18.61	11.04	19.51	30.55
La Nina	220	24.93	22.85	18.43	38.462		63.392	22.85	18.43	11.04	19.31	30.32
Cotacusi	220	24.93	22.37	18.14	38.462		63.392	22.37	18.14	11.04	18.98	30.06
Caraballo	220	24.93	22.37	18.15	38.462		63.392	22.37	18.15	11.04	18.99	30.03
La Ramada	220	24.93	22.27	18.01	38.462		63.392	22.27	18.01	11.04	18.86	29.90
Lomera	220	24.93	22.33	18.13	38.462		63.392	22.33	18.13	11.04	18.87	29.91
Lima	220	24.93	22.10	18.00	38.462		63.392	22.10	18.00	11.04	18.80	29.86
Alto Praderes	220	24.93	22.24	18.07	38.462		63.392	22.24	18.07	11.04	18.90	29.94
La Píncez	220	24.93	22.34	18.13	38.462		63.392	22.34	18.13	11.04	18.97	29.91
La Píncez	220	24.93	22.70									

PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)
VALORES BASE DE LOS PAJES (Res. 067-2021-OS/CD y 143-2021-OS/CD)

Actualizado al 04/Julio/2021 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		3.243	1.0287	3.336
SPT de Egemsa		0.003	1.0333	0.003
SPT de San Gabán		0.004	1.0297	0.004
SPT de Antamina		0.006	1.0399	0.006
SPT de Eteselva		0.134	1.0496	0.141
SPT de Redesur		0.722	1.0287	0.743
SPT de Redesur (Adenda 8)		0.000	1.0287	0.000
SPT de Transmanto (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2.026	1.0287	2.084
SPT de Transmanto (Addendum N° 8)		0.631	1.0287	0.649
SPT de Transmanto (Ampliación Adicional 1)		0.045	1.0287	0.046
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0.541	1.0287	0.557
SGT Línea Chilca - Zapallal (Tramos 1 y 2)		0.528	1.0287	0.543
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paraqsha y subestaciones asociadas –	0.083	1.0287	0.085
	L.T. Paraqsha-Conococha y subestaciones asociadas – Tramo 2	0.114	1.0287	0.117
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0.094	1.0287	0.097
	LT 220 kV Conococha-Huallanca y subestaciones asociadas –	0.214	1.0287	0.220
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas -	0.391	1.0287	0.402
SGT Línea Talara Piura 220 kV (2do circuito)		0.116	1.0287	0.119
SGT Línea Zapallal – Trujillo 500 kV		1.321	1.0287	1.359
SGT Línea Pomacocha - Carhuamayo 220 kV		0.120	1.0287	0.123
SGT Línea Socabaya - Tintaya 220 kV		0.328	1.0287	0.337
SGT Línea Chilca – Marcona –Montalvo 500 kV		2.417	1.0287	2.486
SGT Línea Carhuauero- Cajamarca Norte- Cádlic- Moyobamba 220 kV (1)		0.830	1.0287	0.854
SGT Línea Machupicchu-Quencoro-Onocora-Tintaya 220 kV (1)		0.733	0.0000	0.000
SGT Línea Trujillo - Chiclayo 500 kV		0.790	1.0287	0.813
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0.580	1.0287	0.597
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2.055	1.0287	2.114
Subestacion Carapongo y enlaces de conexión (1er etapa)		0.312	1.0287	0.321
Refuerzo de Línea Trujillo - Chiclayo		0.043	1.0287	0.044
Subestacion Carapongo (Monto Complementario)		0.004	1.0287	0.004
Línea Aguaytia - Pucallpa (2 circuito)		0.066	0.0000	0.000
Línea Nueva Yanango - Nueva Huanuco 500 kV		0.848	0.0000	0.000
Línea Mantaro - Nueva Yanango - Carapongo 500 kV		1.036	0.0000	0.000
Línea Azangaro-Juliaca-Puno 220 kV		0.277	1.0287	0.285
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0.287	1.0288	0.295
	RF de Talara	0.903	1.0000	0.903
	RF de Ilo	1.928	1.0000	1.928
	RF de Pucallpa	0.214	1.0000	0.214
	RF de Puerto Maldonado	0.123	1.0000	0.123
	RF de Puerto Eten	1.023	1.0000	1.023
Cargo por Prima	Cogeneración Paramonga	0.205	1.0000	0.205
	C.H. Santa Cruz II	0.082	1.0000	0.082
	C.H. Santa Cruz I	0.075	1.0000	0.075
	C.H. Poechos 2	0.127	1.0000	0.127
	C.H. Roncador	0.041	1.0000	0.041
	C.H. Carhuauero IV	0.232	1.0000	0.232
	C.H. Caña Brava	0.063	1.0000	0.063
	C.H. La Joya	0.145	1.0000	0.145
	C.T. Huaycoloro	0.149	1.0000	0.149
	C. H. Purmacana	0.000	0.0000	0.000
	C.H. Huasahuasi I	0.108	1.0000	0.108
	C.H. Huasahuasi II	0.105	1.0000	0.105
	C.H. Nuevo Imperial	0.054	1.0000	0.054
	CS Repartición Solar 20T	0.417	1.0000	0.417
	CS Majes Solar 20T	0.418	1.0000	0.418
	CS Tacna Solar 20T	0.529	1.0000	0.529
	CS Panamericana Solar 20T	0.543	1.0000	0.543
	C.H. Yanapampa	0.054	1.0000	0.054
	C.H. Las Pizaras	0.236	1.0000	0.236
	C.E. Marcona	0.370	1.0000	0.370
	C.E. Talara	0.433	1.0000	0.433
	C.E. Cupisnique	1.042	1.0000	1.042
	C.H. Runatullo III	0.234	1.0000	0.234
	C.H. Runatullo II	0.183	1.0000	0.183
	CSF Moquegua FV	0.242	1.0000	0.242
	C.H. Canchayillo	0.035	1.0000	0.035
	C.T. La Gringa V	0.066	1.0000	0.066
	C.H. Chancay	0.308	1.0000	0.308
	C.H. Rucuy	0.099	1.0000	0.099
	C.E. Tres Hermanas	1.020	1.0000	1.020
	C.H. Potrero	0.183	1.0000	0.183
	C.H. Yarucaya	0.221	1.0000	0.221
	C.S. Rubi	0.715	1.0000	0.715
	C.H. Renovandes H1	0.279	1.0000	0.279
	C.S. Intipampa	0.190	1.0000	0.190
	C.E. Wayra I	0.500	1.0000	0.500
	C.B. Huaycoloro II	0.039	1.0000	0.039
	C.H. Angel I	0.105	1.0000	0.105
	C.H. Angel II	0.153	1.0000	0.153
	C.H. Angel III	0.127	1.0000	0.127
	C.H. Her	0.008	1.0000	0.008
	C.H. Carhuac	0.150	1.0000	0.150
	C.H. El Carmen	0.097	1.0000	0.097
	C.H. Zaña 1	0.000	0.0000	0.000
	C.H. Manta	0.121	1.0000	0.121
	C.T. Callao	0.074	1.0000	0.074
	C.H. 8 de Agosto	0.158	1.0000	0.158
Cargo Unitario por FISE (3)		0.482	1.0000	0.482
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2.3210	1.0000	2.321
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		1.9290	1.0000	1.929
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0.0200	1.0000	0.020

PCSPT =

38.462

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