

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/Abril/2022 CON REDONDEO

	TENSION KV	PPMo S./kW-mes	PEMPo ctm. S./kW.h	PEMFo 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	19.04	17.56
Plura Oeste	220	21.10	18.98	17.62
Chidayo Oeste	220	21.10	18.76	17.46
Carhuasuero	220	21.10	18.46	17.22
Carhuasuero	138	21.10	18.47	17.22
Culevo	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	17.57	16.37
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	18.69	17.61
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
Huayucachi	220	21.10	17.80	16.80
Pachachaca	220	21.10	17.95	16.89
Pomacocha	220	21.10	17.99	16.91
Huanavelica	220	21.10	17.80	16.83
Callahuana	220	21.10	18.13	17.02
Cajamarquilla	220	21.10	18.33	17.20
Huallanca	138	21.10	18.03	16.85
Vicosina	220	21.10	17.89	16.71
Tingo Maria	220	21.10	17.59	16.36
Aguyayla	220	21.10	17.44	16.20
Aguyayla	138	21.10	17.48	16.23
Aguyayla	22.9	21.10	17.47	16.22
Pucallpa	138	21.10	17.58	16.58
Pucallpa	60	21.10	18.00	16.58
Ucayacu	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
Yauja	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
Carpa	138	21.10	17.63	16.52
Desierto	220	21.10	18.21	17.15
Condorcocha	138	21.10	17.63	16.52
Condorcocha	44	21.10	17.63	16.52
Machupichu	138	21.10	18.04	16.85
Cachimayo	138	21.10	18.58	17.31
Cusco	138	21.10	18.66	17.37
Comabapata	138	21.10	18.96	17.65
Tintaya	138	21.10	19.21	17.95
Awanti	138	21.10	18.94	17.64
Azángaro	138	21.10	18.77	17.46
San Gabán	138	21.10	17.85	16.67
Mazucos	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
Santuario	138	21.10	18.76	17.55
Arequipa	220	21.10	18.84	17.59
Soabaya	220	21.10	18.82	17.58
Cerro Verde	138	21.10	18.80	17.63
Repartición	138	21.10	19.02	17.68
Mollendo	138	21.10	19.13	17.76
Moquegua	220	21.10	18.82	17.55
Moquegua	138	21.10	18.84	17.57
Moquegua	138	21.10	18.87	17.61
Íto ELS	138	21.10	19.01	17.80
Botiflaca	138	21.10	18.95	17.68
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
Cotacusi	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
Belasunde	138	21.10	18.63	17.31
Cadiz	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 KV	PPM S./kW-mes	PEMP ctm. S./kW.h	PEMF ctm. S./kW.h	PCSPPT S./kW-mes	CPSEE ctm. S./kW.h	(PPM+PCSPPT) S./kW-mes	(PEMP + CPSEE) ctm. S./kW.h	(PEMF + CPSEE) ctm. S./kW.h	Potencia ctm. S./kW.h	Energía ctm. S./kW.h	Promedio ctm. S./kW.h
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)												
Zorritos	220	21.90	22.30	20.65	39.360		61.26	22.30	20.65	10.67	20.98	31.65
Talara	220	21.90	22.15	19.51	39.360		61.26	22.15	19.51	10.67	20.85	31.52
Plura Oeste	220	21.90	22.20	20.60	39.360		61.26	22.20	20.60	10.67	20.92	31.59
Chidayo Oeste	220	21.90	21.94	20.42	39.360		61.26	21.94	20.42	10.67	20.72	31.39
Carhuasuero	220	21.90	21.59	20.14	39.360		61.26	21.59	20.14	10.67	20.43	31.10
Carhuasuero	138	21.90	21.60	20.14	39.360		61.26	21.60	20.14	10.67	20.43	31.10
Culevo	138	21.90	21.81	20.27	39.360		61.26	21.81	20.27	10.67	20.58	31.25
Jaen	138	21.90	22.01	20.44	39.360		61.26	22.01	20.44	10.67	20.75	31.42
Guadalupe	220	21.90	21.93	20.42	39.360		61.26	21.93	20.42	10.67	20.72	31.39
Guadalupe	60	21.90	22.00	20.46	39.360		61.26	22.00	20.46	10.67	20.77	31.44
Cajamarca	220	21.90	21.56	20.11	39.360		61.26	21.56	20.11	10.67	20.40	31.07
Trujillo Norte	220	21.90	21.80	20.34	39.360		61.26	21.80	20.34	10.67	20.63	31.30
Chimbote 1	220	21.90	21.67	20.24	39.360		61.26	21.67	20.24	10.67	20.52	31.19
Chimbote 1	138	21.90	21.70	20.27	39.360		61.26	21.70	20.27	10.67	20.55	31.22
Paramonga Nueva	220	21.90	21.26	19.94	39.360		61.26	21.26	19.94	10.67	20.20	30.87
Paramonga Nueva	138	21.90	21.22	19.91	39.360		61.26	21.22	19.91	10.67	20.17	30.84
Paramonga Existente	138	21.90	21.13	19.87	39.360		61.26	21.13	19.87	10.67	20.12	30.79
Huacho	220	21.90	21.27	19.97	39.360		61.26	21.27	19.97	10.67	20.23	30.90
Zapallal	220	21.90	21.48	20.13	39.360		61.26	21.48	20.13	10.67	20.40	31.07
Ventanilla	220	21.90	21.52	20.17	39.360		61.26	21.52	20.17	10.67	20.44	31.11
Lima	220	21.90	21.51	20.16	39.360		61.26	21.51	20.16	10.67	20.43	31.10
Cantera	220	21.90	21.27	20.02	39.360		61.26	21.27	20.02	10.67	20.27	30.94
Chica	220	21.90	21.55	19.88	39.360		61.26	21.55	19.88	10.67	20.13	30.80
Independencia	220	21.90	21.32	20.09	39.360		61.26	21.32	20.09	10.67	20.33	31.00
Ica	220	21.90	21.36	20.14	39.360		61.26	21.36	20.14	10.67	20.38	31.05
Marcona	220	21.90	21.52	20.16	39.360		61.26	21.52	20.16	10.67	20.43	31.10
Mantaro	220	21.90	20.76	19.51	39.360		61.26	20.76	19.51	10.67	19.76	30.43
Huayucachi	220	21.90	20.82	19.65	39.360		61.26	20.82	19.65	10.67	19.88	30.55
Pachachaca	220	21.90	20.99	19.75	39.360		61.26	20.99	19.75	10.67	20.00	30.67
Pomacocha	220	21.90	21.04	19.77	39.360		61.26	21.04	19.77	10.67	20.02	30.69
Huanavelica	220	21.90	20.93	19.68	39.360		61.26	20.93	19.68	10.67	19.93	30.60
Callahuana	220	21.90	21.20	19.90	39.360		61.26	21.20	19.90	10.67	20.16	30.83
Cajamarquilla	220	21.90	21.44	20.11	39.360		61.26	21.44	20.11	10.67	20.37	31.04
Huallanca	138	21.90	21.08	19.70	39.360		61.26	21.08	19.70	10.67	19.97	30.64
Vicosina	220	21.90	20.92	19.54	39.360		61.26	20.92	19.54	10.67	19.81	30.48
Tingo Maria	220	21.90	20.57	19.13	39.360		61.26	20.57	19.13	10.67	19.42	30.09
Aguyayla	220	21.90	20.39	18.94	39.360		61.26	20.39	18.94	10.67	19.23	29.90
Aguyayla	138	21.90	20.44	18.98	39.360		61.26	20.44	18.98	10.67	19.27	29.94
Aguyayla	22.9	21.90	20.43	18.97	39.360		61.26	20.43	18.97	10.67	19.26	29.93
Pucallpa	138	21.90	21.03	19.39	39.360		61.26	21.03	19.39	10.67	19.72	30.38
Pucallpa	60	21.90	21.05	19.39	39.360	1.8875	61.26	22.94	21.28	10.67	21.61	32.28
Ucayacu	138	21.90	20.89	19.41	39.360		61.26	20.89	19.41	10.67	19.70	30.37
Toocache	138	21.90	21.21	19.72	39.360		61.26	21.21	19.72	10.67	20.02	30.69
Tingo Maria	138	21.90	20.51	19.06	39.360		61.26	20.51	19.06	10.67	19.40	30.12
Huánuco	138	21.90	20.82	19.34	39.360		61.26	20.82	19.34	10.67	19.63	30.30
Paragsha II	138	21.90	20.76	19.39	39.360		61.26	20.76	19.39	10.67	19.66	30.33
Paragsha	220	21.90	20.71	19.33	39.360		61.26	20.71	19.33	10.67	19.60	30.27
Yauja	138	21.90	20.37	19.05	39.360		61.26	20.37	19.05	10.67	19.31	29.98
Yuncán	138	21.90	20.52	19.18	39.360		61.26	20.52	19.18	10.67	19.45	30.12
Yuncán	220	21.90	20.58	19.22	39.360		61.26	20.58	19.22	10.67	19.49	30.16
Oroya Nueva	220	21.90	20.85	19.63	39.360		61.26	20.85	19.63	10.67	19.87	30.54
Oroya Nueva	138	21.90	20.72	19.45	39.360		61.26	20.72	19.45	10.67	19.80	30.47
Oroya Nueva	50	21.90	20.78	19.56	39.360		61.26	20.78	19.56	10.67	19.80	30.47
Carhuayama	220	21.90	20.72	19.37	39.360		61.26	20.72	19.37	10.67	19.64	30.31
Carhuayama	220	21.90	20.71	19.33	39.360		61.26	20.71	19.33	10.67	19.60	30.28
Carpa	138	21.90	20.62	19.32	39.360		61.26	20.62	19.32	10.67	19.58	30.25
Desierto	220	21.90	21.29	20.06	39.360		61.26	21.29	20.06	10.67	20.30	30.97
Condorchoca	220	21.90	20.62	19.32	39.360		61.26	20.62	19.32	10.67	19.58	30.25
Condorchoca	44	21.90	20.62	19.32	39.360		61.26	20.62	19.32	10.67	19.58	30.25
Machupichu	138	21.90	21.10	19.70	39.360		61.26	21.10	19.70	10.67	19.98	30.65
Cachimayo	138	21.90	21.73	20.24	39.360		61.26	21.73	20.24	10.67	20.54	31.21
Cusco	138	21.90	21.82	20.31	39.360		61.26	21.82	20.31	10.67	20.61	31.28
Comblita	138	21.90	22.17	21.64	39.360		61.26	22.17	21.64	10.67	21.61	31.94
Tintaya	138	21.90	22.46	20.99	39.360		61.26	22.46	20.99	10.67	21.28	31.95
Avayari	138	21.90	22.15	20.63	39.360		61.26	22.15	20.63	10.67	20.93	31.60
Azángaro	138	21.90	21.95	20.42	39.360		61.26	21.95	20.42	10.67	20.72	31.39
San Gabán	138	21.90	21.87	20.87	39.360		61.26	21.87	20.87	10.67	20.93	31.43
Mazuco	138	21.90	21.56	19.89	39.360		61.26	21.56	19.89	10.67	20.22	30.89
Puerto Maldonado	138	21.90	22.36	20.32	39.360		61.26	22.36	20.32	10.67	20.93	31.59
Juliaca	138	21.90	22.15	20.57	39.360		61.26	22.15	20.57	10.67	20.88	31.55
Puno	138	21.90	22.15	20.57	39.360		61.26	22.15	20.57	10.67	20.88	31.55
Puno	220	21.90	22.11	20.55	39.360		61.26	22.11	20.55	10.67	20.86	31.53
Callali	138	21.90	22.20	20.76	39.360		61.26	22.20	20.76	10.67	21.05	31.72
Sanitario	138	21.90	21.94	20.52	39.360		61.26	21.94	20.52	10.67	20.80	31.47
Arequipa	138	21.90	22.03	20.67	39.360		61.26	22.03	20.67	10.67	20.86	31.52
Coahuayana	220	21.90	22.01	20.56	39.360		61.26	22.01	20.56	10.67	20.85	31.52
Coro Verde	138	21.90	22.10	20.62	39.360		61.26	22.10	20.62	10.67	20.91	31.58
Repapirón	138	21.90	22.24	20.67	39.360		61.26	22.24	20.67	10.67	20.98	31.65
Chico	138	21.90	22.37	20.77	39.360		61.26	22.37	20.77	10.67	21.09	31.76
Moquegua	138	21.90	22.01	20.52	39.360		61.26	22.01	20.52	10.67	20.82	31.49
Moquegua	138	21.90	22.03	20.55	39.360		61.26	22.03	20.55	10.67	20.84	31.51
ilo ELS	138	21.90	22.23	20.70	39.360		61.26	22.23	20.70	10.67	21.01	31.67
Barceloneta	138	21.90	22.16	20.67	39.360		61.26	22.16	20.67	10.67	20.94	31.64
Toquepala	138	21.90	22.20	20.72	39.360		61.26	22.20	20.72	10.67	21.01	31.68
Arcota	138	21.90	22.04	20.69	39.360		61.26	22.04	20.69	10.67	20.96	31.63
Arcota	66	21.90	21.97	20.67	39.360	0.5564	61.26	22.53	21.23	10.67	21.49	32.16
La Nina	220	21.90	22.07	20.67	39.360		61.26	22.07	20.67	10.67	21.54	32.77
Tacna (Los Hírcos)	66	21.90	22.18	20.60	39.360	0.5564	61.26	22.74	21.16	10.67	21.47	32.14
La Nina	220	21.90	21.94	20.42	39.360		61.26	21.94	20.42	10.67	20.72	31.39
Cotacusi	220	21.90	21.46	20.09	39.360		61.26	21.46	20.09	10.67	20.36	31.03
Carabaya	220	21.90	21.46	20.10	39.360		61.26	21.46	20.10	10.67	20.37	31.04
La Ramada	220	21.90	21.36	19.95	39.360		61.26	21.36	19.95	10.67	20.23	30.90
Lomera	220	21.90	21.41	20.08	39.360		61.26	21.41	20.08	10.67	20.34	31.01
Asia	220	21.90	21.19	19.93	39.360		61.26	21.19	19.93	10.67	20.18	30.85
San Pedrores	220	21.90	21.33	19.93	39.360		61.26	21.33	19.93	10.67	20.27	30.94
La Planicie	220	21.90	21.42	20.08	39.360		61.26	21.42	20.08	10.67	20.35	31.02
Belaudene	138	21.90	21.47	20.24	39.360		61.26	21.79	20.24	10.67	20.55	31.22
Catic	220	2										

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 006-2022-OS/CD)
FIJACIÓN AL 04/02/2022

ACTUALIZADO AL 04/Abril/2022 CON REDONDEO

	TENSIÓN kV	PWM S/A/W-mes	PMP c/m. S/A/W.h	PMPa c/m. S/A/W.h
Sistema Eléctrico Interconectado Nacional (SEN) - Res. Barra (Cuadro 1)				
Zorritos	220	28,35	26,52	21,50
Talara	220	28,35	26,34	21,38
Plura Oeste	220	28,35	26,39	21,44
Chicharo Oeste	220	28,35	26,10	21,26
Carhuazero	220	28,35	25,69	20,87
Carhuazero	138	28,35	25,70	20,97
Culervo	138	28,35	25,96	21,11
Jen	138	28,35	26,18	21,28
Guadalupe	220	28,35	26,09	21,26
Guadalupe	60	28,35	26,17	21,30
Cañanara	220	28,35	25,67	20,85
Trujillo Norte	220	28,35	25,94	21,17
Chimbote 1	220	28,35	25,79	21,08
Chimbote 1	138	28,35	25,83	21,11
Paramonga Nueva	220	28,35	25,31	20,77
Paramonga Nueva	138	28,35	25,27	20,75
Paramonga Existente	138	28,35	25,16	20,70
Huacho	220	28,35	25,32	20,81
Zapalal	220	28,35	25,57	20,97
Ventanilla	220	28,35	25,62	21,01
Lima	220	28,35	25,59	21,00
Canta	220	28,35	25,33	20,86
Chila	220	28,35	25,19	20,72
Independencia	220	28,35	25,37	20,93
Ica	220	28,35	25,43	20,97
Marcona	220	28,35	25,61	20,99
Manitara	220	28,35	24,73	20,34
Huayacachi	220	28,35	24,80	20,48
Pachachaca	220	28,35	25,00	20,59
Pomacocha	220	28,35	25,06	20,61
Huancavelica	220	28,35	25,93	20,51
Callahuana	220	28,35	25,24	20,74
Cajamarquilla	220	28,35	25,52	20,95
Huallanca	138	28,35	25,10	20,54
Vicma	220	28,35	24,92	20,38
Tingo Maria	220	28,35	24,51	19,96
Aguaylla	220	28,35	24,31	19,77
Aguaylla	138	28,35	24,37	19,81
Aguaylla	22,9	28,35	24,34	19,79
Pucallpa	138	28,35	25,05	20,22
Pucallpa	60	28,35	25,07	20,22
Acayacu	138	28,35	24,88	20,24
Toocache	138	28,35	25,26	20,55
Tingo Maria	138	28,35	24,45	19,89
Huánuco	138	28,35	24,80	20,17
Paracachi II	138	28,35	24,73	20,22
Paragsha	220	28,35	24,68	20,17
Yacu	138	28,35	24,28	19,88
Yuncan	138	28,35	24,45	20,01
Yuncan	220	28,35	24,53	20,06
Oroya Nueva	220	28,35	24,84	20,47
Oroya Nueva	138	28,35	24,70	20,28
Oroya Nueva	50	28,35	24,76	20,40
Carhuamayo	138	28,35	24,69	20,19
Carhuamayo Nueva	220	28,35	24,68	20,16
Carpa	138	28,35	24,57	20,15
Desierto	220	28,35	25,36	20,90
Condorcocha	138	28,35	24,57	20,15
Condorcocha	44	28,35	24,57	20,15
Machupichu	138	28,35	25,12	20,54
Cachimayo	138	28,35	25,85	21,08
Cusco	138	28,35	25,96	21,15
Comblagata	138	28,35	25,37	21,49
Tintaya	138	28,35	26,70	21,83
Ayaviri	138	28,35	26,34	21,47
Adisgaro	138	28,35	26,11	21,26
San Gabán	138	28,35	24,87	20,33
Mazuco	138	28,35	25,67	20,73
Puerto Maldonado	138	28,35	27,75	21,16
Julica	138	28,35	26,34	21,41
Puno	220	28,35	26,34	21,41
Puno	220	28,35	26,30	21,39
Callalí	138	28,35	26,39	21,60
Sanitario	138	28,35	26,09	21,36
Arequipa	138	28,35	26,21	21,41
Socabaya	220	28,35	26,18	21,39
Cerro Verde	138	28,35	26,29	21,46
Respiración	138	28,35	26,45	21,51
Molendo	138	28,35	26,60	21,60
Moquegua	220	28,35	26,18	21,37
Moquegua	138	28,35	26,20	21,39
Ito ELS	138	28,35	26,44	21,53
Bofillaca	138	28,35	26,35	21,52
Toquesela	138	28,35	26,40	21,56
Arcoña	138	28,35	26,22	21,53
Arcoña	66	28,35	26,13	21,52
Tacna (Los Héroes)	220	28,35	26,28	21,41
Tacna (Los Héroes)	66	28,35	26,28	21,44
La Nina	220	28,35	26,09	21,26
Cotacusi	220	28,35	25,54	20,82
Carabayillo	220	28,35	25,54	20,94
La Ramada	220	28,35	25,43	20,79
Lomera	220	28,35	25,49	20,91
Aia	220	28,35	25,24	20,77
Alto Piedras	220	28,35	25,39	20,85
La Plancia	220	28,35	25,50	20,92
Belavunde	138	28,35	25,92	21,07
Cadiz	220	28,35	25,80	21,01
Medio Mundo	220	28,35	25,32	20,79
Tintaya Nueva	220	28,35	26,66	21,79

	TENSIÓN kV	PMP S/A/W-mes	PMP c/m. S/A/W.h	PMP c/m. S/A/W.h	PCSBT S/A/W-mes	CPSEE c/m. S/A/W.h	(PMP+PCSBT) 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)											
Comillas	220	28,35	26,52	21,50	39,360		67,710	26,52	21,50	11,79	22,50
Talara	220	28,35	26,34	21,38	39,360		67,710	26,34	21,38	11,79	22,37
Plura Oeste	220	28,35	26,39	21,44	39,360		67,710	26,39	21,44	11,79	22,43
Chicharo Oeste	220	28,35	26,10	21,26	39,360		67,710	26,10	21,26	11,79	22,22
Carhuazero	220	28,35	25,69	20,97	39,360		67,710	25,69	20,97	11,79	21,91
Carhuazero	138	28,35	25,70	20,97	39,360		67,710	25,70	20,97	11,79	21,91
Culervo	138	28,35	25,96	21,11	39,360		67,710	25,96	21,11	11,79	22,07
Jen	138	28,35	26,18	21,28	39,360		67,710	26,18	21,28	11,79	22,26
Guadalupe	220	28,35	26,09	21,26	39,360		67,710	26,09	21,26	11,79	22,22
Guadalupe	60	28,35	26,17	21,30	39,360		67,710	26,17	21,30	11,79	22,27
Cañanara	220	28,35	25,67	20,85	39,360		67,710	25,67	20,85	11,79	21,89
Trujillo Norte	220	28,35	25,94	21,17	39,360		67,710	25,94	21,17	11,79	22,12
Chimbote 1	220	28,35	25,79	21,08	39,360		67,710	25,79	21,08	11,79	22,02
Chimbote 1	138	28,35	25,83	21,11	39,360		67,710	25,83	21,11	11,79	22,05
Paramonga Nueva	220	28,35	25,31	20,77	39,360		67,710	25,31	20,77	11,79	21,67
Paramonga Nueva	138	28,35	25,27	20,75	39,360		67,710	25,27	20,75	11,79	21,65
Paramonga Existente	138	28,35	25,16	20,70	39,360		67,710	25,16	20,70	11,79	21,59
Huacho	220	28,35	25,32	20,81	39,360		67,710	25,32	20,81	11,79	21,71
Zapalal	220	28,35	25,57	20,97	39,360		67,710	25,57	20,97	11,79	21,89
Ventanilla	220	28,35	25,62	21,01	39,360		67,710	25,62	21,01	11,79	21,93
Lima	220	28,35	25,59	21,00	39,360		67,710	25,59	21,00	11,79	21,91
Canta	220	28,35	25,33	20,86	39,360		67,710	25,33	20,86	11,79	21,75
Chila	220	28,35	25,19	20,72	39,360		67,710	25,19	20,72	11,79	21,61
Independencia	220	28,35	25,37	20,93	39,360		67,710	25,37	20,93	11,79	21,81
Ica	220	28,35	25,43	20,97	39,360		67,710	25,43	20,97	11,79	21,86
Marcona	220	28,35	25,61	20,99	39,360		67,710	25,61	20,99	11,79	21,91
Manitara	220	28,35	24,73	20,34	39,360		67,710	24,73	20,34	11,79	21,21
Huayacachi	220	28,35	24,80	20,48	39,360		67,710	24,80	20,48	11,79	21,34
Pachachaca	220	28,35	25,00	20,59	39,360		67,710	25,00	20,59	11,79	21,47
Pomacocha	220	28,35	25,06	20,61	39,360		67,710	25,06	20,61	11,79	21,50
Huancavelica	220	28,35	24,93	20,51	39,360		67,710	24,93	20,51	11,79	21,39
Callahuana	220	28,35	25,24	20,74	39,360		67,710	25,24	20,74	11,79	21,64
Cajamarquilla	220	28,35	25,52	20,95	39,360		67,710	25,52	20,95	11,79	21,86
Huallanca	138	28,35	25,10	20,54	39,360		67,710	25,10	20,54	11,79	21,66
Vicma	220	28,35	24,92	20,38	39,360		67,710	24,92	20,38	11,79	21,28
Tingo Maria	220	28,35	24,51	19,96	39,360		67,710	24,51	19,96	11,79	20,87
Aguaylla	220	28,35	24,31	19,77	39,360		67,710	24,31	19,77	11,79	20,87
Aguaylla	138	28,35	24,37	19,81	39,360		67,710	24,37	19,81	11,79	20,91
Aguaylla	22,9	28,35	24,34	19,79	39,360		67,710	24,34	19,79	11,79	20,89
Pucallpa	138	28,35	25,05	20,22	39,360		67,710	25,05	20,22	11,79	20,92
Pucallpa	60	28,35	25,07	20,22	39,360		67,710	25,07	20,22	11,79	20,97
Acayacu	138	28,35	24,88	20,24	39,360	1,8875	67,710	24,88	20,24	11,79	20,96
Toocache	138	28,35	25,26	20,55	39,360		67,710	25,26	20,55	11,79	21,08
Tingo Maria	138	28,35	24,45	19,89	39,360		67,710	24,45	19,89	11,79	20,85
Huánuco	138	28,35	24,80	20,17	39,360		67,710	24,80	20,17	11,79	20,89
Paracachi II	138	28,35	24,73	20,22	39,360		67,710	24,73	20,22	11,79	20,92
Paragsha	220	28,35	24,68	20,17	39,360		67,710	24,68	20,17	11,79	20,97
Yacu	138	28,35	24,28	19,88	39,360		67,710	24,28	19,88	11,79	20,85
Yuncan	138	28,35	24,45	20,01	39,360		67,710	24,45	20,01	11,79	20,89
Yuncan	220	28,35	24,53	20,06	39,360		67,710	24,53	20,06	11,79	20,95
Oroya Nueva	220	28,35	24,84	20,47	39,360		67,710	24,84	20,47	11,79	21,04
Oroya Nueva	138	28,35	24,70	20,28	39,360		67,710	24,70	20,28	11,79	21,16
Oroya Nueva	50	28,35	24,76	20,40	39,360		67,710	24,76	20,40	11,79	21,27
Carhuamayo	138	28,35	24,69	20,19	39,360		67,710	24,69	20,19	11,79	21,09
Carhuamayo Nueva	220	28,35	24,68	20,16	39,360		67,710	24,68	20,16	11,79	21,06
Carpa	138	28,35	24,57	20,15	39,360		67,710	24,57	20,15	11,79	21,03
Desierto	220	28,35	25,36	20,90	39,360		67,710	25,36	20,90	11,79	21,79
Condorcocha	138	28,35	24,57	20,15	39,360		67,710	24,57	20,15	11,79	21,03
Condorcocha	44	28,35	24,57	20,15	39,360		67,710	24,57	20,15	11,79	21,03
Machupiccho	138	28,35	25,12	20,54	39,360		67,710	25,12	20,54	11,79	21,34
Cachimayo	138	28,35	25,85	21,08	39,360		67,710	25,85	21,08	11,79	22,03
Chusco	138	28,35	25,96	21,15	39,360		67,710	25,96	21,15	11,79	22,11
Compañata	138	28,35	26,37	21,49	39,360		67,710	26,37	21,49	11,79	22,46
Tirayta	138	28,35	26,10	21,83	39,360		67,710	26,10	21,83	11,79	22,38
Chilca	138	28,35	26,34	21,47	39,360		67,710	26,34	21,47	11,79	22,47
Azángaro	138	28,35	26,11	21,26	39,360		67,710	26,11	21,26	11,79	22,23
San Gaben	138	28,35	24,87	20,33	39,360		67,710	24,87	20,33	11,79	21,23
Mazuc	138	28,35	26,87	20,73	39,360		67,710	26,87	20,73	11,79	22,79
Puerto Maldonado	138	28,35	27,75	21,16	39,360		67,710	27,75	21,16	11,79	22,47
Julica	138	28,35	26,34	21,41	39,360		67,710	26,34	21,41	11,79	22,39
Puno	138	28,35	26,34	21,41	39,360		67,710	26,34	21,41	11,79	22,39
Puno	138	28,35	26,30	21,39	39,360		67,710	26,30	21,39	11,79	22,37
Islita	138	28,35	26,39	21,60	39,360		67,710	26,39	21,60	11,79	22,50
Santuario	138	28,35	26,09	21,36	39,360		67,710	26,09	21,36	11,79	22,30
Arequipa	138	28,35	26,21	21,41	39,360		67,710	26,21	21,41	11,79	22,37
Acobamba	220	28,35	26,18	21,39	39,360		67,710	26,18	21,39	11,79	22,34
Cerro Verde	138	28,35	26,29	21,49	39,360		67,710	26,29	21,49	11,79	22,42
Peruflor	138	28,35	26,45	21,51	39,360		67,710	26,45	21,51	11,79	22,49
Chileno	220	28,35	26,60	21,60	39,360		67,710	26,60	21,60	11,79	22,69
Moquegua	220	28,35	26,18	21,37	39,360		67,710	26,18	21,37	11,79	22,33
Moquegua	138	28,35	26,20	21,39	39,360		67,710	26,20	21,39	11,79	22,35
EL S	220	28,35	26,44	21,53	39,360		67,710	26,44	21,53	11,79	22,50
Bofilica	138	28,35	26,35	21,52	39,360		67,710	26,35	21,52	11,79	22,48
Toquepala	138	28,35	26,40	21,56	39,360		67,710	26,40	21,56	11,79	22,52
Arizta	60	28,35	26,22	21,53	39,360		67,710	26,22	21,53	11,79	22,46
Arizta	66	28,35	26,13	21,52	39,360	0,5564	67,710	26,13	21,52	11,79	22,44
Taña (Los Héroes)	220	28,35	26,28	21,41	39,360		67,710	26,28	21,41	11,79	22,38
Taña (Los Héroes)	46	28,35	26,38	21,44	39,360	0,5564	67,710	26,38	21,44	11,79	22,42
La Nina	220	28,35	26,09	21,26	39,360		67,710	26,09	21,26	11,79	22,22
Cotahuasi	220	28,35	25,54	20,92	39,360		67,710	25,54	20,92	11,79	21,84
Chiriquillo	220	28,35	25,54	20,94	39,360		67,710	25,54	20,94	11,79	21,86
La Ramada	220	28,35	25,43	20,91	39,360		67,710	25,43	20,91	11,79	21,71
Lomera	220	28,35	25,49	20,91	39,360		67,710	25,49	20,91	11,79	21,82
Lima	220	28,35	25,24	20,77	39,360		67,710	25,24	20,77	11,79	21,67
Alto Praderias	220	28,35	25,39	20,85	39,360		67,710	25,39	20,85	11,79	21,75
La Piedad	220	28,35	25,50	20,92	39,360		67,710	25,50	20,92	11,79	21,83
Marandino	138	28,35	25,92	21,07	39,360		67,710	25,92	21,07	11,79	22,03
Cadiz	220	28,35	25,80	21,01	39,360		67,710	25,80	21,01	11,79	21,96
Medito Mundo	220	28,35	25,32	20,79	39,360		67,710	25,32	20,79	11,79	21,69
Urbina Nueva	220	28,35	25,66	20,95	39,360		67,710	25,66	20,95	11,79	21,85

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

Actualizado al 04/Abril/2022 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (\$/kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		3,243	1,0234	3,319
SPT de Egemsa		0,003	1,0604	0,003
SPT de San Gabán		0,004	1,0649	0,004
SPT de Antamina		0,006	1,0802	0,006
SPT de Etsevela		0,134	1,1004	0,147
SPT de Redesur		0,722	1,0234	0,739
SPT de Redesur (Adenda 8)		0,000	1,0234	0,000
SPT de Transmanto (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,026	1,0234	2,073
SPT de Transmanto (Addendum N° 8)		0,631	1,0234	0,646
SPT de Transmanto (Ampliación Adicional 1)		0,045	1,0234	0,046
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,541	1,0234	0,554
SGT Línea Chilca -Zapallal (Tramos 1 y 2)		0,528	1,0234	0,540
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paragsha y subestaciones asociadas –	0,083	1,0234	0,085
	L.T. Paragsha-Conococha y subestaciones asociadas – Tramo 2	0,114	1,0234	0,117
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,094	1,0234	0,096
	LT 220 kV Conococha-Huallanca y subestaciones asociadas –	0,214	1,0234	0,219
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas –	0,391	1,0234	0,400
SGT Línea Talara Piura 220 kV (2do circuito)		0,116	1,0234	0,119
SGT Línea Zapallal – Trujillo 500 kV		1,321	1,0234	1,352
SGT Línea Pomacocha - Carhuamayo 220 kV		0,120	1,0234	0,123
SGT Línea Socabaya - Tintaya 220 kV		0,328	1,0234	0,336
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,417	1,0234	2,474
SGT Línea Carhuacuero- Cajamarca Norte- Cáclis- Moyobamba 220 kV (1)		0,830	1,0234	0,849
SGT Línea Machupicchu-Quencoro-Onocora-Tintaya 220 kV (1)		0,733	0,0000	0,000
SGT Línea Trujillo - Chiclayo 500 kV		0,790	1,0234	0,808
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,580	1,0234	0,594
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,055	1,0234	2,103
Subestacion Carapongo y enlaces de conexión (1er etapa)		0,312	1,0234	0,319
Refuerzo de Línea Trujillo - Chiclayo		0,043	1,0234	0,044
Subestacion Carapongo (Monte Complementario)		0,004	1,0234	0,004
Línea Aguaytia - Pucallpa (2 circuito)		0,066	1,0234	0,068
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-Julica-Puno 220 kV		0,277	1,0234	0,283
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,287	1,0381	0,298
	RF de Talara	0,903	1,1849	1,070
	RF de Ilo	1,928	1,1774	2,270
	RF de Pucallpa	0,214	1,1963	0,256
	RF de Puerto Maldonado	0,123	1,1951	0,147
	RF de Puerto Eten	1,023	1,2444	1,273
Cargo por Prima	Cogeneración Paramonga	0,205	0,8488	0,174
	C.H. Santa Cruz II	0,082	0,9512	0,078
	C.H. Santa Cruz I	0,075	0,9600	0,072
	C.H. Poechos 2	0,127	1,2283	0,156
	C.H. Roncador	0,041	0,0732	0,003
	C.H. Carhuacuero IV	0,232	1,0690	0,248
	C.H. Caña Brava	0,063	1,1270	0,071
	C.H. La Joya	0,145	0,0000	0,000
	C.T. Huaycoloro	0,149	1,0537	0,157
	C. H. Purnacana	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,108	1,1481	0,124
	C.H. Huasahuasi II	0,105	1,1143	0,117
	C.H. Nuevo Imperial	0,054	1,0556	0,057
	CS Repartición Solar 20T	0,417	1,0911	0,455
	CS Majes Solar 20T	0,418	1,0981	0,459
	CS Tacna Solar 20T	0,529	1,0832	0,573
	CS Panamericana Solar 20T	0,543	1,0847	0,589
	C.H. Yanapampa	0,054	0,9074	0,049
	C.H. Las Pizarras	0,236	1,0212	0,241
	C.E. Marcona	0,370	0,9216	0,341
	C.E. Talara	0,433	1,0416	0,451
	C.E. Cupisnique	1,042	0,9712	1,012
	C.H. Runatullo III	0,234	0,4487	0,105
	C.H. Runatullo II	0,183	0,8743	0,160
	CSF Moquegua FV	0,242	1,0496	0,254
	C.H. Canchaylo	0,035	0,9429	0,033
	C.T. La Gringa V	0,066	1,0152	0,067
	C.H. Chancay	0,308	0,9091	0,280
	C.H. Rucuy	0,099	0,9798	0,097
	C.E. Tres Hermanas	1,020	0,9029	0,921
	C.H. Potrero	0,183	0,8634	0,158
	C.H. Yarucaya	0,221	0,8733	0,193
	C.S. Rubi	0,715	0,9455	0,676
	C.H. Renovandes H1	0,279	0,9749	0,272
	C.S. Intipampa	0,190	0,7947	0,151
	C.E. Wayra I	0,500	0,4840	0,242
	C.B. Huaycoloro II	0,039	0,9231	0,036
	C.H. Angel I	0,105	0,0000	0,000
	C.H. Angel II	0,153	0,0000	0,000
	C.H. Angel III	0,127	0,0000	0,000
	C.H. Her	0,008	0,0000	0,000
	C.H. Carhuac	0,150	0,7467	0,112
	C.H. El Carmen	0,097	0,8247	0,080
	C.H. Zaña I	0,000	0,0000	0,000
	C.H. Manta	0,121	3,3884	0,410
	C.T. Callao	0,074	0,9595	0,071
	C.H. 8 de Agosto	0,158	0,2405	0,038
Cargo Unitario por FISE (3)		0,482	1,3900	0,670
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,3210	1,2034	2,793
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		1,9290	1,2079	2,330
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,0200	0,0000	0,000
PCSPT =				39,360

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