

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

TARIFAS EN BARRA (Res. N° 056-2023-OS/CD y 113-2023-OS/CD)

FIJACION AL 01/MAYO/2023

ACTUALIZACION AL 04/Enero/2024 CON REDONDEO

	TENSION KV	PPMo S./A/W-mes	PEMPo ctm. S./A/W.h	PEMFO ctm. S./A/W.h
Sistema Eléctrico Interconectado Nacional - Res. Barra (Cuadro 1)				
Zorritos	220	21,77	23,77	23,04
Talara	220	21,77	23,55	22,87
Plura Oeste	220	21,77	23,58	22,91
Chiclayo Oeste	220	21,77	23,35	22,73
Carhuaz	220	21,77	23,01	22,43
Carhuaz	138	21,77	23,01	22,42
Cutervo	138	21,77	23,19	22,55
Jen	138	21,77	23,36	22,72
Guadalupe	220	21,77	23,27	22,68
Guadalupe	60	21,77	23,30	22,71
Cajamarca	220	21,77	23,03	22,45
Trojes Norte	220	21,77	23,17	22,57
Chimbote 1	220	21,77	23,03	22,45
Chimbote 1	138	21,77	23,07	22,49
Paramonga Nueva	220	21,77	22,75	22,25
Paramonga Nueva	138	21,77	22,70	22,22
Paramonga Existente	138	21,77	22,55	22,15
Huacho	220	21,77	22,71	22,22
Zapallal	220	21,77	22,78	22,20
Ventania	220	21,77	22,81	22,23
Lima	220	21,77	22,81	22,23
Cantera	220	21,77	22,51	22,03
Chilca	220	21,77	22,38	21,85
Independencia	220	21,77	22,54	22,11
Ica	220	21,77	22,53	22,10
Marcona	220	21,77	22,87	22,31
Mantaro	220	21,77	22,14	21,61
Huayacachi	220	21,77	22,29	21,73
Pachacachi	220	21,77	22,43	21,80
Pomacocha	220	21,77	22,47	21,94
Huancavelica	220	21,77	22,28	21,77
Callahuanca	220	21,77	22,54	22,02
Cajamarca	220	21,77	22,73	22,16
Huancavelica	138	21,77	22,57	22,04
Vizcarra	220	21,77	22,72	22,20
Tingo Maria	220	21,77	22,66	22,13
Aguaytia	220	21,77	22,74	22,19
Aguaytia	138	21,77	22,80	22,24
Aguaytia	22,9	21,77	22,77	22,22
Pucallpa	138	21,77	23,31	22,64
Pucallpa	60	21,77	23,33	22,64
Aucayacu	138	21,77	22,93	22,38
Tocachi	138	21,77	23,18	22,61
Tingo Maria	138	21,77	22,64	22,11
Huancavelica	138	21,77	22,67	22,10
Paragsha II	138	21,77	22,49	21,98
Paragsha	220	21,77	22,43	21,92
Yaupe	138	21,77	22,06	21,58
Yuncan	138	21,77	22,20	21,71
Yuncan	220	21,77	22,26	21,77
Oroya Nueva	220	21,77	22,40	21,89
Oroya Nueva	138	21,77	22,23	21,76
Oroya Nueva	50	21,77	22,30	21,83
Carhuamayo	138	21,77	22,38	21,88
Carhuamayo Nueva	220	21,77	22,38	21,88
Carpa	138	21,77	22,13	21,67
Desierto	220	21,77	22,53	22,07
Condorocha	138	21,77	22,16	21,70
Condorocha	44	21,77	22,16	21,70
Madrugachichu	138	21,77	22,48	21,86
Cachimayo	138	21,77	22,22	22,54
Ousco	138	21,77	23,31	22,60
Compapata	138	21,77	23,72	22,99
Tintaya	138	21,77	24,04	23,36
Avayiri	138	21,77	23,80	23,10
Azángaro	138	21,77	23,65	22,94
San Gaban	138	21,77	22,43	21,86
Mazuc	138	21,77	22,94	22,12
Puerto Maldonado	138	21,77	24,26	22,40
Julica	138	21,77	23,83	23,07
Puno	220	21,77	23,81	23,05
Puno	220	21,77	23,77	23,02
Callali	138	21,77	23,93	23,26
Santuario	138	21,77	23,60	22,94
Arequipa	138	21,77	23,56	22,88
Socabaya	220	21,77	23,52	22,86
Cerro Verde	138	21,77	23,62	22,93
Repatriación	138	21,77	23,77	23,01
Hollando	138	21,77	23,81	23,12
Moquegua	138	21,77	23,54	22,85
Moquegua	138	21,77	23,57	22,88
llo ELS	138	21,77	23,77	23,04
Botifaca	138	21,77	23,71	23,02
Tropesada	138	21,77	23,67	22,97
Aricota	138	21,77	23,60	23,03
Aricota	66	21,77	23,54	23,02
Tacna (Los Héroes)	220	21,77	23,63	22,90
Tacna (Los Héroes)	66	21,77	23,71	22,93
La Nina	220	21,77	23,32	22,70
Cotacuse	220	21,77	22,94	22,33
Carabaylo	220	21,77	22,75	22,17
La Ramada	220	21,77	22,86	22,31
Lomera	220	21,77	22,76	22,22
Asia	220	21,77	22,43	21,92
Alto Praderas	220	21,77	22,54	21,99
La Planicie	220	21,77	22,76	22,18
Belaunde	138	21,77	23,39	22,73
Caclic	220	21,77	23,25	22,62
Medio Mundo	220	21,77	22,73	22,24
Tintaya Nueva	220	21,77	23,98	23,29

	TENSION	PPM	PEMP	PEMF	PCSP	CPSEE	(PPM+PCSP)	(PEMP + CPSEE)	(PEMF + CPSEE)	Potencia	Energia	Promedio
	KV	S./A/W-mes	ctm. S./A/W.h	ctm. S./A/W.h	S./A/W-mes	ctm. S./A/W.h	S./A/W-mes	ctm. S./A/W.h	ctm. S./A/W.h	ctm. S./A/W.h	ctm. S./A/W.h	ctm. S./A/W.h
Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)												
Zorritos	220	21,88	24,24	23,50	33,516		55,40	24,24	23,50	9,65	23,65	33,30
Talara	220	21,88	24,02	23,32	33,516		55,40	24,02	23,32	9,65	23,46	33,11
Plura Oeste	220	21,88	24,05	23,36	33,516		55,40	24,05	23,36	9,65	23,50	33,15
Chiclayo Oeste	220	21,88	23,81	23,18	33,516		55,40	23,81	23,18	9,65	23,31	32,95
Carhuaz	220	21,88	23,47	22,87	33,516		55,40	23,47	22,87	9,65	22,99	32,64
Carhuaz	138	21,88	23,47	22,86	33,516		55,40	23,47	22,86	9,65	22,98	32,63
Cutervo	138	21,88	23,65	23,00	33,516		55,40	23,65	23,00	9,65	23,13	32,78
Jen	138	21,88	23,82	23,17	33,516		55,40	23,82	23,17	9,65	23,30	32,95
Guadalupe	220	21,88	23,73	23,13	33,516		55,40	23,73	23,13	9,65	23,25	32,90
Guadalupe	60	21,88	23,76	23,16	33,516		55,40	23,76	23,16	9,65	23,28	32,93
Cajamarca	220	21,88	23,49	22,89	33,516		55,40	23,49	22,89	9,65	23,01	32,68
Trojes Norte	220	21,88	23,63	23,02	33,516		55,40	23,63	23,02	9,65	23,14	32,79
Chimbote 1	220	21,88	23,49	22,89	33,516		55,40	23,49	22,89	9,65	23,01	32,66
Chimbote 1	138	21,88	23,53	22,94	33,516		55,40	23,53	22,94	9,65	23,06	32,71
Paramonga Nueva	220	21,88	23,20	22,69	33,516		55,40	23,20	22,69	9,65	22,79	32,44
Paramonga Nueva	138	21,88	23,15	22,66	33,516		55,40	23,15	22,66	9,65	22,76	32,41
Paramonga Existente	138	21,88	23,01	22,59	33,516		55,40	23,01	22,59	9,65	22,67	32,32
Huacho	220	21,88	23,16	22,66	33,516		55,40	23,16	22,66	9,65	22,76	32,41
Zapallal	220	21,88	23,23	22,64	33,516		55,40	23,23	22,64	9,65	22,76	32,41
Ventania	220	21,88	23,26	22,67	33,516		55,40	23,26	22,67	9,65	22,79	32,44
Lima	220	21,88	23,26	22,67	33,516		55,40	23,26	22,67	9,65	22,79	32,44
Cantera	220	21,88	22,96	22,47	33,516		55,40	22,96	22,47	9,65	22,57	32,22
Chilca	220	21,88	22,82	22,33	33,516		55,40	22,82	22,33	9,65	22,39	32,04
Independencia	220	21,88	22,99	22,55	33,516		55,40	22,99	22,55	9,65	22,64	32,29
Ica	220	21,88	22,98	22,54	33,516		55,40	22,98	22,54	9,65	22,63	32,28
Marcona	220	21,88	23,32	22,75	33,516		55,40	23,32	22,75	9,65	22,86	32,51
Mantaro	220	21,88	22,58	22,04	33,516		55,40	22,58	22,04	9,65	22,15	31,80
Huayacachi	220	21,88	22,73	22,16	33,516		55,40	22,73	22,16	9,65	22,27	31,92
Pachacachi	220	21,88	22,87	22,33	33,516		55,40	22,87	22,33	9,65	22,44	32,09
Pomacocha	220	21,88	22,91	22,37	33,516		55,40	22,91	22,37	9,65	22,48	32,13
Huancavelica	220	21,88	22,72	22,20	33,516		55,40	22,72	22,20	9,65	22,30	31,95
Callahuanca	220	21,88	22,99	22,44	33,516		55,40	22,99	22,44	9,65	22,55	32,20
Cajamarca	220	21,88	23,18	22,60	33,516		55,40	23,18	22,60	9,65	22,72	32,36
Huancavelica	138	21,88	22,82	22,48	33,516		55,40	22,82	22,48	9,65	22,59	32,24
Vizcarra	220	21,88	23,17	22,64	33,516		55,40	23,17	22,64	9,65	22,75	32,39
Tingo Maria	220	21,88	23,11	22,57	33,516		55,40	23,11	22,57	9,65	22,68	32,33
Aguaytia	220	21,88	23,19	22,63	33,516		55,40	23,19	22,63	9,65	22,74	32,39
Aguaytia	138	21,88	23,25	22,68	33,516		55,40	23,25	22,68	9,65	22,79	32,44
Aguaytia	22,9	21,88	23,22	22,66	33,516		55,40	23,22	22,66	9,65	22,77	32,42
Pucallpa	138	21,88	23,77	23,09	33,516		55,40	23,77	23,09	9,65	23,17	32,87
Pucallpa	60	21,88	23,79	23,09	33,516	1,5732	55,40	23,79	23,09	9,65	23,17	32,87
Aucayacu	138	21,88	23,38	22,82	33,516		55,40	23,38	22,82	9,65	22,93	32,58
Tocachi	138	21,88	23,64	23,06	33,516		55,40	23,64	23,06	9,65	23,18	32,82
Tingo Maria	138	21,88	23,09	22,55	33,516		55,40	23,09	22,55	9,65	22,66	32,31
Huancavelica	138	21,88	22,87	22,33	33,516		55,40	22,87	22,33	9,65	22,39	32,07
Paragsha II	138	21,88	22,94	22,42	33,516		55,40	22,94	22,42	9,65	22,52	32,17
Paragsha	220	21,88	22,87	22,35	33,516		55,40	22,87	22,35	9,65	22,45	32,10
Yaupe	138	21,88	22,50	22,01	33,516		55,40	22,50	22,01	9,65	22,11	31,76
Yuncan	138	21,88	22,64	22,14	33,516		55,40	22,64	22,14	9,65	22,24	31,89
Yuncan	220	21,88	22,70	22,20	33,516		55,40	22,70	22,20	9,65	22,30	31,95
Oroya Nueva	220	21,88	22,84	22,32	33,516		55,40	22,84	22,32	9,65	22,42	32,07
Oroya Nueva	138	21,88	22,67	22,19	33,516		55,40	22,67	22,19	9,65	22,29	31,93
Oroya Nueva	50	21,88	22,74	22,26	33,516		55,40	22,74	22,26	9,65	22,36	32,00
Carhuayazo	138	21,88	22,82	22,31	33,516		55,40	22,82	22,31	9,65	22,41	32,06
Carhuayazo Nueva	138	21,88	22,82	22,31	33,516		55,40	22,82	22,31	9,65	22,41	32,06
Carpa	138	21,88	22,57	22,10	33,516		55,40	22,57	22,10	9,65	22,19	31,84
Desierto	220	21,88	22,98	22,51	33,516		55,40	22,98	22,51	9,65	22,60	32,25
Condorchocha	138	21,88	22,60	22,13	33,516		55,40	22,60	22,13	9,65	22,22	31,87
Condorchocha	44	21,88	22,60	22,13	33,516		55,40	22,60	22,13	9,65	22,22	31,87
Mashpichu	138	21,88	23,53	22,93	33,516		55,40	23,53	22,93	9,65	23,42	32,07
Chachmayo	138	21,88	23,69	22,99	33,516		55,40	23,68	22,99	9,65	23,13	32,17
Cusco	138	21,88	23,77	23,05	33,516		55,40	23,77	23,05	9,65	23,19	32,84
Combapata	138	21,88	24,19	23,45	33,516		55,40	24,19	23,45	9,65	23,60	33,25
Tintaya	138	21,88	24,52	23,82	33,516		55,40	24,52	23,82	9,65	23,96	33,63
Tintaya	138	21,88	24,27	23,56	33,516		55,40	24,27	23,56	9,65	23,70	33,35
Andagoya	138	21,88	24,12	23,39	33,516		55,40	24,12	23,39	9,65	23,18	33,14
San Gaban	138	21,88	22,87	22,29	33,516		55,40	22,87	22,29	9,65	22,41	32,05
Mazuco	138	21,88	23,39	22,56	33,516		55,40	23,39	22,56	9,65	22,73	32,37
Puerto Maldonado	138	21,88	24,74	24,84	33,516		55,40	24,74	24,84	9,65	23,22	32,87
Julaca	138	21,88	24,30	23,53	33,516		55,40	24,30	23,53	9,65	23,68	33,33
Puno	220	21,88	24,28	23,51	33,516		55,40	24,28	23,51	9,65	23,31	33,06
Puno	220	21,88	24,24	23,48	33,516		55,40	24,24	23,48	9,65	23,63	33,28
Callalli	138	21,88	24,40	23,72	33,516		55,40	24,40	23,72	9,65	23,86	33,50
Santuario	138	21,88	24,07	23,39	33,516		55,40	24,07	23,39	9,65	23,53	33,17
Arequipa	138	21,88	24,03	23,33	33,516		55,40	24,03	23,33	9,65	23,47	33,12
Arequipa	220	21,88	23,99	23,31	33,516	0,6037	55,40	23,99	23,31	9,65	23,45	32,89
Cerro Verde	138	21,88	24,09	23,38	33,516	0,6037	55,40	24,09	23,38	9,65	23,52	33,17
Repartinón	138	21,88	24,24	23,47	33,516		55,40	24,24	23,47	9,65	23,62	33,27
Mollendo	138	21,88	24,38	23,58	33,516		55,40	24,38	23,58	9,65	23,74	33,39
Moquegua	220	21,88	24,01	23,30	33,516		55,40	24,01	23,30	9,65	23,44	33,09
Moquegua	138	21,88	24,04	23,33	33,516		55,40	24,04	23,33	9,65	23,47	33,12
de ELIS	138	21,88	24,24	23,07	33,516		55,40	24,24	23,07	9,65	23,50	33,65
Bofilaca	138	21,88	24,18	23,48	33,516		55,40	24,18	23,48	9,65	23,62	33,27
Toquepala	138	21,88	24,22	23,53	33,516		55,40	24,22	23,53	9,65	23,67	33,32
Aricota	138	21,88	24,07	23,49	33,516		55,40	24,07	23,49	9,65	23,61	33,25
Aricota	66	21,88	24,01	23,48	33,516		55,40	24,01	23,48	9,65	23,49	33,63
Tena (Los Héroes)	220	21,88	24,10	23,39	33,516		55,40	24,10	23,35	9,65	23,50	33,15
Tacna (Los Héroes)	66	21,88	24,11	23,38	33,516		55,40	24,78	23,98	9,65	24,19	33,79
La Nina	220	21,88	23,78	23,15	33,516		55,40	23,78	23,15	9,65	23,28	32,92
Cotacuse	220	21,88	23,39	22,77	33,516		55,40	23,39	22,77	9,65	22,89	32,54
Carabayita	220	21,88	23,20	22,61	33,516		55,40	23,20	22,61	9,65	22,73	32,38
de Ramada	220	21,88	23,31	22,75	33,516		55,40	23,31	22,75	9,65	22,86	32,51
Lomera	220	21,88	23,21	22,66	33,516		55,40	23,21	22,66	9,65	22,77	32,42
Asia	220	21,88	22,87	22,35	33,516		55,40	22,87	22,35	9,65	22,45	32,19
Alto Praderas	220	21,88	22,99	22,43	33,516		55,40	22,99	22,43	9,65	22,54	32,10
La Plancia	220	21,88	23,21	22,62	33,516		55,40	23,21	22,62	9,65	22,74	32,39
Belaunde	138	21,88	23,85	23,18	33,516		55,40	23,85	23,18	9,65	23,31	32,96
Corico	220	21,88	23,71	23,07	33,516		55,40					

PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 192-2023-OS/CD)

FIJACIÓN AL 04/11/2023

ACTUALIZADO AL 04/Enero/2024 CON REDONDEO

	TENSIÓN	PPMo	PEPMo	PEPMo	PEPMo	PEPMo
	kV	S/AW-mes	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h
Sistema Eléctrico Interconectado Nacional (SEIN - Res. Barra (Cuadro 1))						
Zorritos	220	29.18	30.76	25.26	25.43	25.13
Talara	220	29.18	30.50	25.08	25.24	24.95
Plura Oeste	220	29.18	30.53	25.13	25.28	25.01
Chichayo Oeste	220	29.18	30.24	24.94	25.06	24.85
Carhuayaco	220	29.18	29.82	24.62	24.70	24.56
Carhuayaco	138	29.18	29.82	24.61	24.68	24.55
Cutervo	138	29.18	30.05	24.74	24.84	24.66
Jen	138	29.18	30.26	24.92	25.06	24.81
Guadalupe	220	29.18	30.14	24.88	24.98	24.81
Guadalupe	60	29.18	30.18	24.91	25.02	24.84
Cajamarca	220	29.18	29.85	24.65	24.72	24.58
Trojes Norte	220	29.18	29.15	24.15	24.13	24.08
Chimbote 1	220	29.18	29.85	24.64	24.73	24.57
Chimbote 1	138	29.18	29.89	24.68	24.77	24.62
Paramonga Nueva	220	29.18	29.49	24.43	24.48	24.37
Paramonga Nueva	138	29.18	29.43	24.40	24.45	24.35
Paramonga Existente	138	29.18	29.27	24.33	24.37	24.28
Huacho	220	29.18	29.44	24.40	24.45	24.34
Zapalí	220	29.18	29.53	24.44	24.47	24.34
Ventania	220	29.18	29.57	24.41	24.47	24.34
Lima	220	29.18	29.57	24.41	24.47	24.34
Cantera	220	29.18	29.20	24.20	24.22	24.17
Chila	220	29.18	29.04	24.03	24.06	23.95
Independencia	220	29.18	29.24	24.29	24.29	24.28
Ica	220	29.18	29.22	24.27	24.26	24.28
Marcona	220	29.18	29.49	24.48	24.52	24.48
Mantaro	220	29.18	29.73	23.76	23.74	23.72
Huayucachi	220	29.18	29.92	23.89	23.89	23.84
Pachachaca	220	29.18	29.09	24.07	24.09	24.02
Pachachaca	220	29.18	29.15	24.11	24.11	24.06
Huancavelica	220	29.18	29.91	23.93	23.92	23.89
Callahuana	220	29.18	29.24	24.17	24.20	24.11
Cajamarca	220	29.18	29.47	24.34	24.39	24.28
Huallanca	220	29.18	29.27	24.21	24.25	24.15
Viczarra	220	29.18	29.46	24.38	24.43	24.33
Tingo María	220	29.18	29.39	24.31	24.38	24.21
Aguaytia	220	29.18	29.48	24.37	24.46	24.37
Aguaytia	138	29.18	29.56	24.43	24.52	24.31
Aguaytia	22.9	29.18	29.53	24.40	24.50	24.29
Pucallpa	138	29.18	29.19	24.84	24.84	24.66
Pucallpa	60	29.18	29.22	24.84	24.87	24.62
Acayacu	138	29.18	29.72	24.56	24.67	24.45
Toocache	138	29.18	29.04	24.81	24.94	24.69
Tingo María	138	29.18	29.36	24.29	24.36	24.18
Huánuco	138	29.18	29.39	24.27	24.33	24.19
Parashua II	138	29.18	29.18	24.15	24.17	24.10
Parashua II	220	29.18	29.10	24.09	24.11	24.04
Yancan	138	29.18	29.68	23.72	23.76	23.68
Yancan	138	29.18	29.81	23.87	23.87	23.81
Yancan	220	29.18	29.89	23.93	23.93	23.87
Oroya Nueva	220	29.18	29.06	24.07	24.08	24.01
Oroya Nueva	138	29.18	29.85	23.92	23.92	23.88
Oroya Nueva	50	29.18	29.84	23.99	23.99	23.95
Carhuayaco	138	29.18	29.04	24.04	24.05	23.99
Carhuayaco Nueva	138	29.18	29.04	24.06	24.06	23.99
Carpa	138	29.18	29.73	23.83	23.83	23.77
Desierto	220	29.18	29.22	24.25	24.26	24.22
Condorocha	138	29.18	29.76	23.85	23.86	23.80
Condorocha	44	29.18	29.76	23.85	23.86	23.80
Madripichu	138	29.18	29.16	24.02	24.02	23.99
Cachimay	138	29.18	30.08	24.74	24.79	24.73
Cusco	138	29.18	30.19	24.80	24.86	24.78
Combapata	138	29.18	30.71	25.21	25.25	25.25
Tintaya	138	29.18	31.11	25.59	25.62	25.71
Ayacu	138	29.18	30.81	25.32	25.33	25.42
Azángaro	138	29.18	30.62	25.16	25.17	25.25
San Gaban	138	29.18	29.10	24.02	23.98	24.04
Mazuco	138	29.18	29.74	24.30	24.30	24.29
Puerto Maldonado	138	29.18	31.38	24.59	24.64	24.55
Juliaca	138	29.18	30.84	25.29	25.30	25.39
Puno	138	29.18	30.82	25.27	25.28	25.38
Puno	220	29.18	30.76	25.24	25.24	25.35
Callalí	138	29.18	30.96	25.48	25.50	25.60
Santuario	138	29.18	30.55	25.16	25.15	25.26
Arequipa	138	29.18	30.50	25.09	25.09	25.19
Scochay	220	29.18	30.46	25.05	25.07	25.16
Cerro Verde	138	29.18	30.58	25.14	25.14	25.26
Repapicón	138	29.18	30.77	25.22	25.20	25.37
Molendón	138	29.18	30.94	25.34	25.32	25.49
Moquegua	220	29.18	30.49	25.04	25.04	25.19
Moquegua	138	29.18	30.51	25.09	25.06	25.22
El ELS	138	29.18	30.77	25.26	25.21	25.43
Bohica	138	29.18	30.69	25.24	25.21	25.39
Toquepala	138	29.18	30.73	25.29	25.26	25.44
Aricota	138	29.18	30.56	25.24	25.19	25.43
Aricota	66	29.18	30.48	25.23	25.17	25.43
Tacna (Los Héroes)	220	29.18	30.29	25.11	25.09	25.24
Tacna (Los Héroes)	66	29.18	30.70	25.15	25.13	25.27
La Nina	220	29.18	30.20	24.90	25.02	24.81
Cotacani	220	29.18	29.73	24.51	24.51	24.53
Cumbayla	220	29.18	29.60	24.35	24.40	24.39
La Ramada	220	29.18	29.63	24.50	24.56	24.44
Lomera	220	29.18	29.51	24.40	24.46	24.34
Alto Praderas	220	29.18	29.24	24.16	24.20	24.09
La Planicie	220	29.18	29.51	24.36	24.41	24.29
Beauvire	138	29.18	30.29	24.94	25.05	24.85
Cadiz	220	29.18	30.12	24.82	24.93	24.82
Medio Mundo	220	29.18	29.48	24.42	24.47	24.36
Titane Nueva	220	29.18	31.02	25.52	25.54	25.63

	TENSIÓN	PPM	PEMP	PEMF	PEMF	PEMF	PCPPT	CPSEE	(PPM+PCPPT)	(PEMP+CPSEE)	(PEMF+CPSEE)	(PEMF+CPSEE)	(PEMF+CPSEE)	(PEMF+CPSEE)	Potencia-2 Bloques	Potencia-3 Bloques	Energía-2 Bloques	Energía-3 Bloques	Promedio-2 Bloques	Promedio-3 Bloques
	kV	S/AW-mes	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	S/AW-mes	cm. S/AW/h	S/AW-mes	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h	cm. S/AW/h
Sistema Eléctrico Interconectado Nacional (SEIN - Res. Barra (Cuadro 1))																				
Zorritos	220	29.18	30.76	25.26	25.43	25.13	33.516	25.43	29.696	30.76	25.26	25.43	25.13	10.92	11.00	25.35	26.42	37.37	37.42	37.42
Talara	220	29.18	30.50	25.08	25.24	24.95	33.516	25.24	29.696	30.50	25.08	25.24	24.95	10.92	11.00	25.16	26.22	37.08	37.22	37.22
Plura Oeste	220	29.18	30.53	25.13	25.28	25.01	33.516	25.28	29.696	30.53	25.13	25.28	25.01	10.92	11.00	25.20	26.26	37.12	37.22	37.22
Chichayo Oeste	220	29.18	30.24	24.94	25.06	24.85	33.516	25.06	29.696	30.24	24.94	25.06	24.85	10.92	11.00	25.00	26.05	36.91	37.05	37.05
Carhuayaco	220	29.18	29.82	24.62	24.70	24.56	33.516	24.70	29.696	29.82	24.62	24.70	24.56	10.92	11.00	24.70	25.70	36.57	36.69	36.69
Carhuayaco	138	29.18	29.82	24.61	24.68	24.55	33.516	24.68	29.696	29.82	24.61	24.68	24.55	10.92	11.00	24.65	25.68	36.57	36.69	36.69
Cutervo	138	29.18	30.05	24.74	24.84	24.66	33.516	24.84	29.696	30.05	24.74	24.84	24.66	10.92	11.00	24.80	25.84	36.72	36.84	36.84
Jen	138	29.18	30.26	24.92	25.06	24.81	33.516	25.06	29.696	30.26	24.92	25.06	24.81	10.92	11.00	24.98	25.84	36.80	37.04	37.04
Guadalupe	220	29.18	30.14	24.88	24.98	24.81	33.516	24.98	29.696	30.14	24.88	24.98	24.81	10.92	11.00	24.93	25.93	36.95	37.07	37.07
Guadalupe	60	29.18	30.18	24.91	25.02	24.84	33.516	25.02	29.696	30.18	24.91	25.02	24.84	10.92	11.00	24.96	26.01	36.88	37.01	37.01
Cajamarca	220	29.18	29.85	24.65	24.72	24.58	33.516	24.72	29.696	29.85	24.65	24.72	24.58	10.92	11.00	24.69	25.72	36.80	36.92	36.92
Trojes Norte	220	29.18	29.15	24.13	24.13	24.08	33.516	24.13	29.696	29.15	24.13	24.13	24.08	10.92	11.00	24.11	25.11	36.73	36.85	36.85
Chimbote 1	220	29.18	29.85	24.64	24.73	24.57	33.516	24.73	29.696	29.85	24.64	24.73	24.57	10.92	11.00	24.68	25.72	36.60	36.72	36.72
Chimbote 1	138	29.18	29.89	24.68	24.77	24.62	33.516	24.77	29.696	29.89	24.68	24.77	24.62	10.92	11.00	24.72	25.76	36.64	36.77	36.77
Paramonga Nueva	220	29.18	29.49	24.43	24.48	24.37	33.516	24.48	29.696	29.49	24.43	24.48	24.37	10.92	11.00	24.44	25.46	36.36	36.47	36.47
Paramonga Nueva	138	29.18	29.43	24.40	24.45	24.35	33.516	24.45	29.696	29.43	24.40	24.45	24.35	10.92	11.00	24.40	25.43	36.32	36.43	36.43
Paramonga Existente	138	29.18	29.27	24.33	24.37	24.28	33.516	24.37	29.696	29.27	24.33	24.37	24.28	10.92	11.00	24.31	25.38	36.23	36.34	36.34
Huacho	220	29.18	29.44	24.40	24.45	24.34	33.516	24.45	29.696	29.44	24.40	24.45	24.34	10.92	11.00	24.40	25.43	36.32	36.43	36.43
Zapalí	220	29.18	29.53	24.44	24.47	24.34	33.516	24.47	29.696	29.53	24.44	24.47	24.34	10.92	11.00	24.44	25.47	36.36	36.47	36.47
Ventania	220	29.18	29.57	24.41	24.47	24.34	33.516	24.47	29.696	29.57	24.41	24.47	24.34	10.92	11.00	24.44	25.47	36.36	36.47	36.47
Lima	220	29.18	29.57	24.41	24.47	24.34	33.516	24.47	29.696	29.57	24.41	24.47	24.34	10.92	11.00	24.44	25.47	36.36	36.47	36.47
Chichayo	220	29.20	29.22	24.22	24.26	24.17	33.516	24.26	29.696	29.20	29.22	24.26	24.17	10.92	11.00	24.22	25.22	36.11	36.22	36.22
Chica	220	29.18	29.04	24.01	24.03	23.95	33.516	24.03	29.696	29.04	24.01	24.03	23.95	10.92	11.00	24.01	25.02	35.93	36.03	36.03
Independencia	138	29.18	29.24	24.29	24.29	24.28	33.516	24.29	29.696	29.24	24.29	24.29	24.28	10.92	11.00	24.28	25.29	35.19	35.30	35.30
Yancza	220	29.18	29.22	24.27	24.26	24.28	33.516	24.26	29.696	29.22	24.27	24.26	24.28	10.92	11.00	24.26	25.28	35.17	35.28	35.28
Yancza	138	29.18	29.04	24.08	24.16	24.02	33.516	24.16	29.696	29.04	24.08	24.16	24.02	10.92	11.00	24.08	25.04	35.36	35.43	35.43
Martano	220	29.18	29.73	23.76	23.74	23.72	33.516	23.74	29.696	29.73	23.76	23.74	23.72	10.92	11.00	24.75	24.75	35.67	35.75	35.75
Huaycachi	220	29.18	29.92	23.89	23.89	23.84	33.516	23.89	29.696	29.92	23.89	23.89	23.84	10.92	11.00	24.89	24.90	35.81	35.90	35.90
Chichayaco	220	29.18	29.09	24.07	24.06	24.02	33.516	24.06	29.696	29.09	24.07	24.06	24.02	10.92	11.00	24.07	25.08	35.69	35.78	35.78
Pomacha	220	29.18	29.15	24.11	24.13	24.06	33.516	24.13	29.696	29.15	24.11	24.13	24.06	10.92	11.00	24.11	25.19	35.03	35.13	35.13
Huanavelica	220	29.18	29.91	23.93	23.92	23.89	33.516	23.92	29.696	29.91	23.93	23.92	23.89	10.92	11.00	24.92	24.93	35.84	35.93	35.93
Challhuanka	220	29.18	29.24	24.17	24.20	24.11	33.516	24.20	29.696	29.24	24.17	24.20	24.11	10.92	11.00	24.18	25.20	35.10	35.20	35.20
Challhuanka	138	29.18	29.47	24.34	24.34	24.31	33.516	24.34	29.696	29.47	24.34	24.34	24.31	10.92	11.00	24.32	25.39	35.82	35.92	35.92
Hualfina	138	29.18	29.27	24.21	24.25	24.15	33.516	24.25	29.696	29.27	24.21	24.25	24.15	10.92	11.00	24.22	25.24	35.14	35.24	35.24
Vicoma	220	29.18	29.46	24.38	24.43	24.33	33.516	24.43	29.696	29.46	24.38	24.43	24.33	10.92	11.00	24.39	25.42	36.31	36.42	36.42
Yancza Norte	220	29.18	29.29	24.31	24.38	24.27	33.516	24.38	29.696	29.29	24.31	24.38	24.27	10.92	11.00	24.30	25.34	36.34	36.44	36.44
Aguiayla	220	29.18	29.48	24.37	24.46	24.37	33.516	24.46	29.696	29.48	24.37	24.46	24.37	10.92	11.00	24.39	25.42	36.31	36.42	36.42
Aguiayla	138	29.18	29.56	24.43	24.52	24.41	33.516	24.52	29.696	29.56	24.43	24.52	24.41	10.92	11.00	24.45	25.48	36.37	36.48	36.48
Aguiayla	22.9	29.18	30.22	24.44	24.50	24.29	33.516	24.50	29.696	30.22	24.44	24.50	24.29	10.92	11.00	24.42	25.48	36.34	36.46	36.46
Yancza	138	29.18	30.19	24.48	24.56	24.46	33.516	24.56	29.696	30.19	24.48	24.56	24.46	10.92	11.00	24.50	25.50	36.42	36.52	36.52
Pucallpa	60	29.18	30.53	24.84	25.02	24.67	33.516	25.02	1.5732	29.696	30.53	24.84	25.02	10.92	11.00	24.68	27.54	38.40	38.54	38.54
Ancash	138	29.18	29.72	24.56	24.67	24.45	33.516	24.67	29.696	29.72	24.56	24.67	24.45	10.92	11.00	24.59	25.63	36.51	36.63	36.63
Yancza	138	29.18	30.04	24.61	24.64	24.54	33.516	24.64	29.696	30.04	24.61	24.64	24.54	10.92	11.00	24.60	25.90	36.77	36.86	36.86
Trojes Maria	220	29.18	29.36	24.59	24.68	24.18	33.516	24.68	29.696	29.36	24.59	24.68	24.18	10.92	11.00	24.30	25.32	36.22	36.32	36.32
Hualfina	220	29.18	29.39	24.27	24.31	24.19	33.516	24.31	29.696	29.39	24.27	24.31	24.19	10.92	11.00	24.29	25.31	36.21	36.32	36.32
Paragaita II	138	29.18	29.18	24.15	24.17	24.10	33.516	24.17	29.696	29.18	24.15	24.17	24.10	10.92	11.00	24.15	25.17	36.07	36.17	36.17
Yancza	220	29.18	29.10	24.09	24.11	24.04	33.516	24.11	29.696	29.10	24.09	24.11	24.04	10.92	11.00	24.10	25.19	36.08	36.18	36.18
Yancza	138	29.18	29.84	23.73	23.72	23.68	33.516	23.72	29.696	29.84	23.73	23.72	23.68	10.92	11.00	24.71	24.71	35.63	35.73	35.73
Yancza	220	29.18	28.81	23.67	23.67	23.61	33.516	23.67	29.696	28.81	23.67	23.67	23.61	10.92	11.00	24.85	24.86	35.57	35.66	35.66
Yancza	220	29.18	28.69	23.67	23.67	23.61	33.516	23.67	29.696	28.69	23.67	23.67	23.61	10.92	11.00	24.82	24.82	35.54	35.62	35.62
Oroya Nueva	220	29.18	29.06	24.06	24.07	24.01	33.516	24.07	29.696	29.06	24.06	24.07	24.01	10.92	11.00	24.06	25.07	35.97	36.07	36.07
Oroya Nueva	138	29.18	28.85	23.92	23.92	23.88	33.516	23.92	29.696	28.85	23.92	23.92	23.88	10.92	11.00	24.90	24.91	35.82	35.91	35.91
Oroya Nueva	50	29.18	29.84	23.99	23.99	23.95	33.516	23.99	29.696	29.84	23.99	23.99	23.95	10.92	11.00	24.98	24.98	35.89	35.99	35.99
Oroya Nueva	220	29.18	29.04	24.04	24.06	24.01	33.516	24.06	29.696	29.04	24.04	24.06	24.01	10.92	11.00	24.04	25.05	35.86	35.96	35.96
Carhuayaco N	220	29.18	29.04	24.04	24.06	23.99	33.516	24.06	29.696	29.04	24.04	24.06	23.99	10.92	11.00	24.04	25.05	35.86	35.96	35.96
Campa	138	29.18	29.17	23.83	23.83	23.77	33.516	23.83	29.696	29.17	23.83	23.83	23.77	10.92	11.00	24.81	24.81	35.72	35.81	35.81
Condorocha	220	29.18	29.22	24.25	24.25	2														

PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)
VALORES BASE DE LOS PEAJES (Res. 056-2023-OS/CD y 113-2023-OS/CD)

Actualizado al 04/Enero/2024 con redondeo

Sistema de Transmisión		PCSPT + PTSPT (S/ /kW-mes)		
		Valor Base (Res. Barra)	FAPCSPT	Actualizado
SPT de REP		4,000	1,0085	4,034
SPT de REP (Ampliación 21)		0,090	0,0000	0,000
SPT de Egemsa		0,003	1,0021	0,003
SPT de San Gabán		0,004	1,0000	0,004
SPT de Antamina		0,006	0,9996	0,006
SPT de ISA Perú (Ex Etselesva)		0,134	0,9914	0,133
SPT de Redesur		0,750	1,0085	0,756
SPT de Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)		2,109	1,0085	2,127
SPT de Transmataro (Addendum N° 8)		0,657	1,0085	0,663
SPT de Transmataro (Ampliación Adicional 1)		0,046	1,0085	0,046
SPT de ISA (contrato BOOT, ampliación 1 y 2)		0,546	1,0085	0,551
SGT Línea Chilca - Zapallal (Tramos 1 y 2)		0,543	1,0085	0,548
SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y4) y SVC-Cajamarca	LT 220 kV Carhuamayo-Paraosha v subestaciones asociadas	0,942	1,0085	0,950
	L.T. Paraosha-Conococha y subestaciones asociadas – Tramo 2	0,000	1,0085	0,000
	Ampliación de la Subestación Cajamarca 220 kV – SVC	0,000	1,0085	0,000
	LT 220 kV Conococha-Huallanca y subestaciones asociadas –	0,000	1,0085	0,000
	LT 220 kV Huallanca-Cajamarca y subestaciones asociadas –	0,000	1,0085	0,000
SGT Línea Talara Piura 220 kV (2do circuito)		0,121	1,0085	0,122
SGT Línea Zapallal – Trujillo 500 kV		1,360	1,0085	1,372
SGT Línea Pomacocha - Carhuamayo 220 kV		0,130	1,0085	0,131
SGT Línea Socabaya - Tintaya 220 kV		0,340	1,0085	0,343
SGT Línea Chilca – Marcona –Montalvo 500 kV		2,498	1,0085	2,519
SGT Línea Carhuacuero- Cajamarca Norte- Cádiz- Moyobamba 220 kV (1)		0,864	1,0085	0,871
SGT Línea Machupicchu–Quencoro–Onocora–Tintaya 220 kV (1)		0,691	0,0000	0,000
SGT Línea Tintaya - Azangaro 220 kV		0,087	1,0085	0,088
SGT Línea La Niña - Piura 500 kV		0,450	0,0000	0,000
SGT Paníñas - Nueva Tumbes 220 kV		0,169	0,0000	0,000
SGT Tingo María - Aquaytía 220 kV		0,113	0,0000	0,000
SGT Línea Trujillo - Chiclayo 500 kV		0,862	1,0085	0,869
SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)		0,595	1,0085	0,600
SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)		2,113	1,0085	2,131
Subestación Carapongo y enlaces de conexión (1er etapa) y SE Carapongo (Monto Complementario)		0,334	1,0085	0,337
Refuerzo de Línea Trujillo - Chiclayo		0,000	1,0085	0,000
Subestación Carapongo (Monto Complementario)		0,000	1,0085	0,000
Reconfiguración de LT Chilca-La Planicie-Carabayillo		0,020	0,0000	0,000
2do Transformador 500/220 kV - 600 MVA en la S.E. Chilca		0,089	0,0000	0,000
Ampliación de barras 500 kV en SE Carabayillo		0,013	0,0000	0,000
Ampliación de la Subestación La Planicie 220 kV		0,124	0,9931	0,123
Línea Aguaytía - Pucallpa (2 circuito)		0,069	1,0085	0,070
Línea Nueva Yanango - Nueva Huanuco 500 kV		0,917	0,0000	0,000
Línea Mantaro - Nueva Yanango - Carapongo 500 kV		1,120	1,0085	1,130
Línea Azangaro-Julica-Puno 220 kV		0,293	1,0085	0,295
Cargo Unitario por Compensación por Seguridad de Suministro (3)	No RF	0,311	1,0052	0,313
	RF de Talara	1,012	1,0062	1,081
	RF de Ilo	2,190	1,0065	2,340
	RF de Pucallpa	0,242	1,0061	0,258
	RF de Puerto Maldonado	0,139	1,0719	0,149
	RF de Puerto Eten	1,144	1,0682	1,222
Cargo por Prima	Cogeneración Paramonga	0,108	0,0000	0,000
	C.H. Santa Cruz II	0,054	0,0000	0,000
	C.H. Santa Cruz I	0,049	0,0000	0,000
	C.H. Poechos 2	0,075	0,0000	0,000
	C.H. Roncador	0,012	0,0000	0,000
	C.H. Carhuacuero IV	0,178	0,1124	0,020
	C.H. Caña Brava	0,054	0,5000	0,027
	C.H. La Joya	0,092	0,0000	0,000
	C.T. Huaycoloro	0,137	0,5255	0,072
	C. H. Pumasaca	0,000	0,0000	0,000
	C.H. Huasahuasi I	0,071	0,3380	0,024
	C.H. Huasahuasi II	0,073	0,4658	0,034
	C.H. Nuevo Imperial	0,036	0,0000	0,000
	CS Repartición Solar 20T	0,419	0,6516	0,273
	CS Majes Solar 20T	0,420	0,6381	0,268
	CS Tacna Solar 20T	0,535	0,7645	0,409
	CS Panamericana Solar 20T	0,544	0,6783	0,369
	C.H. Yanapampa	0,028	0,0000	0,000
	C.H. Las Pizaras	0,173	0,4740	0,082
	C.E. Marcona	0,253	0,0000	0,000
	C.E. Talara	0,360	0,0000	0,000
	C.E. Cupisnique	0,829	0,0000	0,000
	C.H. Runatullo III	0,106	0,0000	0,000
	C.H. Runatullo II	0,125	0,5920	0,074
	CSF Moquegua FV	0,212	0,2170	0,046
	C.H. Canchayillo	0,011	0,0000	0,000
	C.T. La Gringa V	0,054	0,4259	0,023
	C.H. Chancay	0,186	0,0000	0,000
	C.H. Rucuy	0,000	0,0000	0,000
	C.E. Tres Hermanas	0,747	0,0000	0,000
	C.H. Potrero	0,107	0,0000	0,000
	C.H. Yarcaya	0,145	0,0000	0,000
	C.S. Rubi	0,278	0,0000	0,000
	C.H. Renovandes H1	0,141	0,0000	0,000
	C.S. Intipampa	0,035	0,0000	0,000
	C.E. Wayra I	0,000	0,0000	0,000
	C.B. Huaycoloro II	0,031	0,0000	0,000
	C.H. Angel I	0,040	0,0000	0,000
	C.H. Angel II	0,082	0,0000	0,000
	C.H. Angel III	0,077	0,0000	0,000
	C.H. Her	0,003	0,0000	0,000
	C.H. Carhuac	0,073	0,0000	0,000
	C.H. El Carmen	0,050	0,0000	0,000
	C.H. Zaña 1	0,000	0,0000	0,000
	C.H. Manta	0,032	0,0000	0,000
	C.T. Callao	0,022	0,0000	0,000
	C.H. 8 de Agosto	0,085	0,0000	0,000
Cargo Unitario por FISE (3)		0,438	1,1438	0,501
Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)		2,6950	1,0011	2,698
Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)		2,2010	1,0223	2,250
Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4)		0,0090	17,9169	0,161
PCSPT =				33,516

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