

# 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

ACTUALIZADO AL 04/Mayo/2023 CON REDONDEO

|                                                                                 | TENSION | PMmo      | PEMPo        | PEMFo        |
|---------------------------------------------------------------------------------|---------|-----------|--------------|--------------|
|                                                                                 | kV      | S./kW-mes | ctm. S./kW.h | ctm. S./kW.h |
| <b>Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)</b> |         |           |              |              |
| Zorritos                                                                        | 220     | 21,77     | 23,77        | 23,04        |
| Taitama                                                                         | 220     | 21,77     | 23,55        | 22,87        |
| Piura Oeste                                                                     | 220     | 21,77     | 23,58        | 22,91        |
| Chidayo Oeste                                                                   | 220     | 21,77     | 23,35        | 22,73        |
| Carhuauquero                                                                    | 220     | 21,77     | 23,01        | 22,43        |
| Carhuauquero                                                                    | 138     | 21,77     | 23,01        | 22,42        |
| Culervo                                                                         | 138     | 21,77     | 23,19        | 22,55        |
| Jaen                                                                            | 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        |
| Trujillo Norte                                                                  | 220     | 21,77     | 23,17        | 22,57        |
| Chimbole 1                                                                      | 220     | 21,77     | 23,03        | 22,45        |
| Chimbole 1                                                                      | 138     | 21,77     | 23,07        | 22,49        |
| Paramonga Nueva                                                                 | 220     | 21,77     | 22,75        | 22,17        |
| Paramonga Nueva                                                                 | 138     | 21,77     | 22,70        | 22,22        |
| Paramonga Existente                                                             | 138     | 21,77     | 22,56        | 22,15        |
| Huacho                                                                          | 220     | 21,77     | 22,71        | 22,22        |
| Zapallal                                                                        | 220     | 21,77     | 22,78        | 22,20        |
| Ventanilla                                                                      | 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     | 22,51        | 22,03        |
| 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        |
| Huayucachi                                                                      | 220     | 21,77     | 22,29        | 21,73        |
| Pachachaca                                                                      | 220     | 21,77     | 22,43        | 21,90        |
| Pomacocha                                                                       | 220     | 21,77     | 22,47        | 21,94        |
| Huancaavelica                                                                   | 220     | 21,77     | 22,28        | 21,77        |
| Callahuasaca                                                                    | 220     | 21,77     | 22,54        | 22,00        |
| Cajamarquilla                                                                   | 220     | 21,77     | 22,73        | 22,16        |
| Huallanca                                                                       | 138     | 21,77     | 22,57        | 22,04        |
| Vicosra                                                                         | 220     | 21,77     | 22,72        | 22,20        |
| Tingo Maria                                                                     | 220     | 21,77     | 22,66        | 22,13        |
| Aguyaylla                                                                       | 220     | 21,77     | 22,74        | 22,19        |
| Aguyaylla                                                                       | 138     | 21,77     | 22,80        | 22,24        |
| Aguyaylla                                                                       | 22,9    | 21,77     | 22,77        | 22,22        |
| Pucallpa                                                                        | 138     | 21,77     | 23,31        | 22,64        |
| Pucallpa                                                                        | 60      | 21,77     | 23,33        | 22,64        |
| Acayacu                                                                         | 138     | 21,77     | 22,93        | 22,38        |
| Toocache                                                                        | 138     | 21,77     | 23,18        | 22,61        |
| Tingo Maria                                                                     | 138     | 21,77     | 22,84        | 22,11        |
| Huánuco                                                                         | 138     | 21,77     | 22,67        | 22,09        |
| Paragsha II                                                                     | 138     | 21,77     | 22,49        | 21,98        |
| Paragsha                                                                        | 220     | 21,77     | 22,43        | 21,92        |
| Yauca                                                                           | 138     | 21,77     | 22,58        | 22,06        |
| 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        | 21,73        |
| 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        |
| Carija                                                                          | 138     | 21,77     | 22,13        | 21,67        |
| Desierto                                                                        | 220     | 21,77     | 22,53        | 22,07        |
| Condorcocha                                                                     | 138     | 21,77     | 22,16        | 21,70        |
| Condorcocha                                                                     | 44      | 21,77     | 22,16        | 21,70        |
| Madripichu                                                                      | 138     | 21,77     | 22,48        | 21,86        |
| Cachimayo                                                                       | 138     | 21,77     | 22,22        | 21,74        |
| Cusco                                                                           | 138     | 21,77     | 23,31        | 22,60        |
| Combagata                                                                       | 138     | 21,77     | 23,72        | 22,99        |
| Tiriteya                                                                        | 138     | 21,77     | 23,72        | 22,99        |
| Awetiri                                                                         | 138     | 21,77     | 23,80        | 23,10        |
| Azángaro                                                                        | 138     | 21,77     | 23,65        | 22,94        |
| San Gabán                                                                       | 138     | 21,77     | 22,43        | 21,86        |
| Matucio                                                                         | 138     | 21,77     | 22,94        | 22,12        |
| Puerto Maldonado                                                                | 138     | 21,77     | 23,26        | 22,40        |
| Julica                                                                          | 138     | 21,77     | 23,83        | 23,07        |
| Puno                                                                            | 138     | 21,77     | 23,81        | 23,05        |
| Puno                                                                            | 220     | 21,77     | 23,77        | 23,02        |
| Callalli                                                                        | 138     | 21,77     | 23,83        | 23,06        |
| Sanitario                                                                       | 138     | 21,77     | 23,60        | 22,94        |
| Arequipa                                                                        | 138     | 21,77     | 23,56        | 22,88        |
| Scobayya                                                                        | 220     | 21,77     | 23,52        | 22,86        |
| Cerro Verde                                                                     | 138     | 21,77     | 23,62        | 22,93        |
| Reparticón                                                                      | 138     | 21,77     | 23,77        | 23,01        |
| Mollendo                                                                        | 138     | 21,77     | 23,91        | 23,12        |
| Moquegua                                                                        | 220     | 21,77     | 23,54        | 22,85        |
| Moquegua                                                                        | 138     | 21,77     | 23,57        | 22,88        |
| Io ELS                                                                          | 138     | 21,77     | 23,77        | 23,04        |
| Bofillaca                                                                       | 138     | 21,77     | 23,71        | 23,02        |
| Toquepala                                                                       | 138     | 21,77     | 23,75        | 23,07        |
| Aricota                                                                         | 138     | 21,77     | 23,60        | 22,93        |
| 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        |
| Cotarusca                                                                       | 220     | 21,77     | 22,94        | 22,33        |
| Carabayillo                                                                     | 220     | 21,77     | 22,75        | 22,17        |
| La Ramada                                                                       | 220     | 21,77     | 22,86        | 22,31        |
| Lumera                                                                          | 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        |
| Belisunde                                                                       | 138     | 21,77     | 23,39        | 22,73        |
| Cediz                                                                           | 220     | 21,77     | 23,35        | 22,62        |
| Medio Mundo                                                                     | 220     | 21,77     | 22,73        | 22,24        |
| Tintaya Nueva                                                                   | 220     | 21,77     | 23,98        | 23,29        |

|                                                                          | 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 |
| Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1) |         |       |           |              |              |           |              |                |                |          |              |              |
| Zorritos                                                                 | 220     | 21,77 | 23,77     | 23,04        | 36,929       |           | 58,70        | 23,77          | 23,04          | 10,22    | 23,19        | 33,41        |
| Taitama                                                                  | 220     | 21,77 | 23,55     | 22,87        | 36,929       |           | 58,70        | 23,55          | 22,87          | 10,22    | 23,01        | 33,23        |
| Piura Oeste                                                              | 220     | 21,77 | 23,58     | 22,91        | 36,929       |           | 58,70        | 23,58          | 22,91          | 10,22    | 23,04        | 33,27        |
| Chidayo Oeste                                                            | 220     | 21,77 | 23,35     | 22,73        | 36,929       |           | 58,70        | 23,35          | 22,73          | 10,22    | 22,85        | 33,08        |
| Carhuauquero                                                             | 220     | 21,77 | 23,01     | 22,43        | 36,929       |           | 58,70        | 23,01          | 22,43          | 10,22    | 22,55        | 32,77        |
| Carhuauquero                                                             | 138     | 21,77 | 23,01     | 22,42        | 36,929       |           | 58,70        | 23,01          | 22,42          | 10,22    | 22,54        | 32,76        |
| Culervo                                                                  | 138     | 21,77 | 23,19     | 22,55        | 36,929       |           | 58,70        | 23,19          | 22,55          | 10,22    | 22,68        | 32,90        |
| Jaen                                                                     | 138     | 21,77 | 23,36     | 22,72        | 36,929       |           | 58,70        | 23,36          | 22,72          | 10,22    | 22,85        | 33,07        |
| Guadalupe                                                                | 220     | 21,77 | 23,27     | 22,68        | 36,929       |           | 58,70        | 23,27          | 22,68          | 10,22    | 22,80        | 33,02        |
| Guadalupe                                                                | 60      | 21,77 | 23,30     | 22,71        | 36,929       |           | 58,70        | 23,30          | 22,71          | 10,22    | 22,83        | 33,05        |
| Cajamarca                                                                | 220     | 21,77 | 23,03     | 22,45        | 36,929       |           | 58,70        | 23,03          | 22,45          | 10,22    | 22,57        | 32,79        |
| Trujillo Norte                                                           | 220     | 21,77 | 23,17     | 22,57        | 36,929       |           | 58,70        | 23,17          | 22,57          | 10,22    | 22,69        | 32,91        |
| Chimbole 1                                                               | 220     | 21,77 | 23,03     | 22,45        | 36,929       |           | 58,70        | 23,03          | 22,45          | 10,22    | 22,57        | 32,79        |
| Chimbole 1                                                               | 138     | 21,77 | 23,07     | 22,49        | 36,929       |           | 58,70        | 23,07          | 22,49          | 10,22    | 22,61        | 32,83        |
| Paramonga Nueva                                                          | 220     | 21,77 | 22,75     | 22,17        | 36,929       |           | 58,70        | 22,75          | 22,17          | 10,22    | 22,35        | 32,57        |
| Paramonga Nueva                                                          | 138     | 21,77 | 22,70     | 22,22        | 36,929       |           | 58,70        | 22,70          | 22,22          | 10,22    | 22,32        | 32,54        |
| Paramonga Existente                                                      | 138     | 21,77 | 22,56     | 22,15        | 36,929       |           | 58,70        | 22,56          | 22,15          | 10,22    | 22,23        | 32,45        |
| Huacho                                                                   | 220     | 21,77 | 22,71     | 22,22        | 36,929       |           | 58,70        | 22,71          | 22,22          | 10,22    | 22,32        | 32,54        |
| Zapallal                                                                 | 220     | 21,77 | 22,78     | 22,20        | 36,929       |           | 58,70        | 22,78          | 22,20          | 10,22    | 22,32        | 32,54        |
| Ventanilla                                                               | 220     | 21,77 | 22,81     | 22,23        | 36,929       |           | 58,70        | 22,81          | 22,23          | 10,22    | 22,35        | 32,57        |
| Lima                                                                     | 220     | 21,77 | 22,81     | 22,23        | 36,929       |           | 58,70        | 22,81          | 22,23          | 10,22    | 22,35        | 32,57        |
| Cantera                                                                  | 220     | 21,77 | 22,51     | 22,03        | 36,929       |           | 58,70        | 22,51          | 22,03          | 10,22    | 22,13        | 32,35        |
| Chilca                                                                   | 220     | 21,77 | 22,51     | 22,03        | 36,929       |           | 58,70        | 22,51          | 22,03          | 10,22    | 22,13        | 32,35        |
| Independencia                                                            | 220     | 21,77 | 22,54     | 22,11        | 36,929       |           | 58,70        | 22,54          | 22,11          | 10,22    | 22,20        | 32,42        |
| Ica                                                                      | 220     | 21,77 | 22,53     | 22,10        | 36,929       |           | 58,70        | 22,53          | 22,10          | 10,22    | 22,19        | 32,41        |
| Marcona                                                                  | 220     | 21,77 | 22,87     | 22,31        | 36,929       |           | 58,70        | 22,87          | 22,31          | 10,22    | 22,42        | 32,64        |
| Mantaro                                                                  | 220     | 21,77 | 22,14     | 21,61        | 36,929       |           | 58,70        | 22,14          | 21,61          | 10,22    | 22,12        | 32,37        |
| Huayucachi                                                               | 220     | 21,77 | 22,29     | 21,73        | 36,929       |           | 58,70        | 22,29          | 21,73          | 10,22    | 21,84        | 32,06        |
| Pachachaca                                                               | 220     | 21,77 | 22,43     | 21,90        | 36,929       |           | 58,70        | 22,43          | 21,90          | 10,22    | 22,01        | 32,23        |
| Pomacocha                                                                | 220     | 21,77 | 22,47     | 21,94        | 36,929       |           | 58,70        | 22,47          | 21,94          | 10,22    | 22,05        | 32,27        |
| Huancaavelica                                                            | 220     | 21,77 | 22,28     | 21,77        | 36,929       |           | 58,70        | 22,28          | 21,77          | 10,22    | 21,87        | 32,09        |
| Callahuasaca                                                             | 220     | 21,77 | 22,54     | 22,00        | 36,929       |           | 58,70        | 22,54          | 22,00          | 10,22    | 22,11        | 32,33        |
| Cajamarquilla                                                            | 220     | 21,77 | 22,73     | 22,16        | 36,929       |           | 58,70        | 22,73          | 22,16          | 10,22    | 22,27        | 32,50        |
| Huallanca                                                                | 138     | 21,77 | 22,57     | 22,04        | 36,929       |           | 58,70        | 22,57          | 22,04          | 10,22    | 22,15        | 32,27        |
| Vicosra                                                                  | 220     | 21,77 | 22,72     | 22,20        | 36,929       |           | 58,70        | 22,72          | 22,20          | 10,22    | 22,30        | 32,53        |
| Tingo Maria                                                              | 220     | 21,77 | 22,66     | 22,13        | 36,929       |           | 58,70        | 22,66          | 22,13          | 10,22    | 22,24        | 32,46        |
| Aguyaylla                                                                | 220     | 21,77 | 22,74     | 22,19        | 36,929       |           | 58,70        | 22,74          | 22,19          | 10,22    | 22,30        | 32,52        |
| Aguyaylla                                                                | 138     | 21,77 | 22,80     | 22,24        | 36,929       |           | 58,70        | 22,80          | 22,24          | 10,22    | 22,35        | 32,57        |
| Aguyaylla                                                                | 22,9    | 21,77 | 22,77     | 22,22        | 36,929       |           | 58,70        | 22,77          | 22,22          | 10,22    | 22,33        | 32,55        |
| Pucallpa                                                                 | 138     | 21,77 | 23,31     | 22,64        | 36,929       |           | 58,70        | 23,31          | 22,64          | 10,22    | 22,77        | 33,00        |
| Pucallpa                                                                 | 60      | 21,77 | 23,33     | 22,64        | 36,929       | 1,56      | 58,70        | 24,89          | 22,40          | 10,22    | 24,34        | 34,56        |
| Acayacu                                                                  | 138     | 21,77 | 22,93     | 22,38        | 36,929       |           | 58,70        | 22,93          | 22,38          | 10,22    | 22,49        | 32,71        |
| Toocache                                                                 | 138     | 21,77 | 23,18     | 22,61        | 36,929       |           | 58,70        | 23,18          | 22,61          | 10,22    | 22,72        | 32,95        |
| Tingo Maria                                                              | 138     | 21,77 | 22,84     | 22,11        | 36,929       |           | 58,70        | 22,84          | 22,11          | 10,22    | 22,24        | 32,37        |
| Huánuco                                                                  | 138     | 21,77 | 22,67     | 22,09        | 36,929       |           | 58,70        | 22,67          | 22,09          | 10,22    | 22,21        | 32,43        |
| Paragsha II                                                              | 138     | 21,77 | 22,49     | 21,98        | 36,929       |           | 58,70        | 22,49          | 21,98          | 10,22    | 22,08        | 32,30        |
| Paragsha                                                                 | 220     | 21,77 | 22,43     | 21,92        | 36,929       |           | 58,70        | 22,43          | 21,92          | 10,22    | 22,02        | 32,24        |
| Yauca                                                                    | 138     | 21,77 | 22,58     | 22,06        | 36,929       |           | 58,70        | 22,58          | 22,06          | 10,22    | 22,18        | 32,32        |
| Yuncan                                                                   | 138     | 21,77 | 22,20     | 21,71        | 36,929       |           | 58,70        | 22,20          | 21,71          | 10,22    | 21,81        | 32,03        |
| Yuncan                                                                   | 220     | 21,77 | 22,26     | 21,77        | 36,929       |           | 58,70        | 22,26          | 21,77          | 10,22    | 21,87        | 32,09        |
| Oroya Nueva                                                              | 220     | 21,77 | 22,40     | 21,89        | 36,929       |           | 58,70        | 22,40          | 21,89          | 10,22    | 21,99        | 32,21        |
| Oroya Nueva                                                              | 138     | 21,77 | 22,23     | 21,73        | 36,929       |           | 58,70        | 22,23          | 21,73          | 10,22    | 21,85        | 32,05        |
| Oroya Nueva                                                              | 50      | 21,77 | 22,30     | 21,83        | 36,929       |           | 58,70        | 22,30          | 21,83          | 10,22    | 21,92        | 32,15        |
| Carhuaymar                                                               | 50      | 21,77 | 22,38     | 21,88        | 36,929       |           | 58,70        | 22,38          | 21,88          | 10,22    | 21,98        | 32,20        |
| Carhuaymar Nueva                                                         | 220     | 21,77 | 22,38     | 21,88        | 36,929       |           | 58,70        | 22,38          | 21,88          | 10,22    | 21,98        | 32,20        |
| Caripa                                                                   | 138     | 21,77 | 22,13     | 21,67        | 36,929       |           | 58,70        | 22,13          | 21,67          | 10,22    | 21,76        | 31,98        |
| Desierto                                                                 | 220     | 21,77 | 22,53     | 22,07        | 36,929       |           | 58,70        | 22,53          | 22,07          | 10,22    | 22,16        | 32,38        |
| Condorcocha                                                              | 138     | 21,77 | 22,16     | 21,70        | 36,929       |           | 58,70        | 22,16          | 21,70          | 10,22    | 21,79        | 32,01        |
| Condorcocha                                                              | 44      | 21,77 | 22,16     | 21,70        | 36,929       |           | 58,70        | 22,16          | 21,70          | 10,22    | 21,79        | 32,01        |
| Machupichu                                                               | 220     | 21,77 | 22,48     | 21,86        | 36,929       |           | 58,70        | 22,48          | 21,86          | 10,22    | 21,98        | 32,21        |
| Cachmayo                                                                 | 220     | 21,77 | 23,22     | 22,54        | 36,929       |           | 58,70        | 23,22          | 22,54          | 10,22    | 22,68        | 32,90        |
| Cusco                                                                    | 138     | 21,77 | 23,31     | 22,60        | 36,929       |           | 58,70        | 23,31          | 22,60          | 10,22    | 22,74        | 32,96        |
| Camillapata                                                              | 138     | 21,77 | 23,72     | 22,99        | 36,929       |           | 58,70        | 23,72          | 22,99          | 10,22    | 23,14        | 33,22        |
| Tintaya                                                                  | 138     | 21,77 | 24,04     | 23,36        | 36,929       |           | 58,70        | 24,04          | 23,36          | 10,22    | 23,50        | 33,72        |
| Aviavi                                                                   | 138     | 21,77 | 23,80     | 23,10        | 36,929       |           | 58,70        | 23,80          | 23,10          | 10,22    | 23,24        | 33,46        |
| Adcargaro                                                                | 138     | 21,77 | 23,65     | 22,94        | 36,929       |           | 58,70        | 23,65          | 22,94          | 10,22    | 23,08        | 33,30        |
| San Gaban                                                                | 138     | 21,77 | 23,43     | 22,73        | 36,929       |           | 58,70        | 23,43          | 22,73          | 10,22    | 22,86        | 33,11        |
| Mazuco                                                                   | 138     | 21,77 | 23,04     | 22,12        | 36,929       |           | 58,70        | 23,04          | 22,12          | 10,22    | 22,28        | 32,51        |
| Puerto Maldonado                                                         | 138     | 21,77 | 24,26     | 22,40        | 36,929       |           | 58,70        | 24,26          | 22,40          | 10,22    | 22,77        | 32,99        |
| Julico                                                                   | 138     | 21,77 | 23,83     | 23,07        | 36,929       |           | 58,70        | 23,83          | 23,07          | 10,22    | 23,22        | 33,44        |
| Puno                                                                     | 220     | 21,77 | 23,81     | 23,05        | 36,929       |           | 58,70        | 23,81          | 23,05          | 10,22    | 23,20        | 33,42        |
| Callali                                                                  | 220     | 21,77 | 23,77     | 23,02        | 36,929       |           | 58,70        | 23,77          | 23,02          | 10,22    | 23,17        | 33,39        |
| Sanitario                                                                | 138     | 21,77 | 23,93     | 23,26        | 36,929       |           | 58,70        | 23,93          | 23,26          | 10,22    | 23,39        | 33,62        |
| San Roque                                                                | 138     | 21,77 | 23,60     | 22,94        | 36,929       |           | 58,70        | 23,60          | 22,94          | 10,22    | 23,07        | 33,29        |
| Scotabamba                                                               | 138     | 21,77 | 23,56     | 22,88        | 36,929       |           | 58,70        | 23,56          | 22,88          | 10,22    | 23,02        | 33,27        |
| Scotabamba                                                               | 220     | 21,77 | 23,52     | 22,86        | 36,929       |           | 58,70        | 23,52          | 22,86          | 10,22    | 22,99        | 33,21        |
| Cerro Verde                                                              | 220     | 21,77 | 23,62     | 22,93        | 36,929       |           | 58,70        | 23,62          | 22,93          | 10,22    | 23,07        | 33,29        |
| Repardofon                                                               | 138     | 21,77 | 23,77     | 23,01        | 36,929       |           | 58,70        | 23,77          | 23,01          | 10,22    | 23,16        | 33,38        |
| Reparofon                                                                | 138     | 21,77 | 23,91     | 23,12        | 36,929       |           | 58,70        | 23,91          | 23,12          | 10,22    | 23,28        | 33,51        |
| Moquegua                                                                 | 220     | 21,77 | 23,54     | 22,85        | 36,929       |           | 58,70        | 23,54          | 22,85          | 10,22    | 22,99        | 33,21        |
| Moquegua                                                                 | 138     | 21,77 | 23,57     | 22,88        | 36,929       |           | 58,70        | 23,57          | 22,88          | 10,22    | 23,02        | 33,24        |
| Io ELS                                                                   | 138     | 21,77 | 23,77     | 23,04        | 36,929       |           | 58,70        | 23,77          | 23,04          | 10,22    | 23,19        | 33,41        |
| Arica                                                                    | 138     | 21,77 | 23,71     | 23,02        | 36,929       |           | 58,70        | 23,71          | 23,02          | 10,22    | 23,16        | 33,37        |
| Arica                                                                    | 138     | 21,77 | 23,75     | 23,07        | 36,929       |           | 58,70        | 23,75          | 23,07          | 10,22    | 23,21        | 33,43        |
| Arica                                                                    | 138     | 21,77 | 23,60     | 23,03        | 36,929       |           | 58,70        | 23,60          | 23,03          | 10,22    | 23,14        | 33,35        |
| Arica                                                                    | 66      | 21,77 | 23,54     | 23,02        | 36,929       | 0,5986    | 58,70        | 24,14          | 23,62          | 10,22    | 23,72        | 33,93        |
| Arica (Los Héroes)                                                       | 220     | 21,77 | 23,63     | 22,90        | 36,929       |           | 58,70        | 23,63          | 22,90          | 10,22    | 23,23        | 33,54        |
| Tacna (Los Héroes)                                                       | 66      | 21,77 | 23,71     | 22,93        | 36,929       | 0,5986    | 58,70        | 24,31          | 23,53          | 10,22    | 23,69        | 33,91        |
| La Nina                                                                  | 220     | 21,77 | 23,32     | 22,70        | 36,929       |           | 58,70        | 23,32          | 22,70          | 10,22    | 22,82        | 33,05        |
| Cotacuse                                                                 | 220     | 21,77 | 22,94     | 22,33        | 36,929       |           | 58,70        | 22,94          | 22,33          | 10,22    | 22,45        | 32,67        |
| Repardofon                                                               | 220     | 21,77 | 22,75     | 22,17        | 36,929       |           | 58,70        | 22,75          | 22,17          | 10,22    | 22,27        | 32,51        |
| La Ramada                                                                | 220     | 21,77 | 22,86     | 22,31        | 36,929       |           | 58,70        | 22,86          | 22,31          | 10,22    | 22,42        | 32,64        |
| Lomera                                                                   | 220     | 21,77 | 22,76     | 22,22        | 36,929       |           | 58,70        | 22,76          | 22,22          | 10,22    | 22,33        | 32,55        |
| Asia                                                                     | 220     | 21,77 | 22,43     | 21,92        | 36,929       |           | 58,70        | 22,43          | 21,92          | 10,22    | 22,02        | 32,24        |
| Arica Praderas                                                           | 220     | 21,77 | 22,54     | 22,00        | 36,929       |           | 58,70        | 22,54          | 22,00          | 10,22    | 22,10        | 32,30        |
| La Planicie                                                              | 220     | 21,77 | 22,76     | 22,18        | 36,929       |           | 58,70        | 22,76          | 22,18          | 10,22    | 22,30        | 32,52        |
| Belaunde                                                                 | 138     | 21,77 | 23,39     | 22,73        | 36,929       |           | 58,70        | 23,39          | 22,73          | 10,22    |              |              |

## PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Resolución 069-2023-OS/CD)  
FIJACIÓN AL 01/05/2023

ACTUALIZADO AL 04/Mayo/2023 CON REDONDEO

|                                                                          | TENSIÓN<br>kV | PPMO<br>c/m. S./A.W.h | PEPMO<br>c/m. S./A.W.h | PEMF<br>c/m. S./A.W.h |
|--------------------------------------------------------------------------|---------------|-----------------------|------------------------|-----------------------|
| Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1) |               |                       |                        |                       |
| Zorritos                                                                 | 220           | 29.44                 | 28.13                  | 23.70                 |
| Talara                                                                   | 220           | 29.44                 | 28.97                  | 23.52                 |
| Plura Oeste                                                              | 220           | 29.44                 | 28.91                  | 23.58                 |
| Chidayo Oeste                                                            | 220           | 29.44                 | 28.63                  | 23.39                 |
| Cathuquero                                                               | 220           | 29.44                 | 28.22                  | 23.08                 |
| Cathuquero                                                               | 138           | 29.44                 | 28.21                  | 23.07                 |
| Culevno                                                                  | 138           | 29.44                 | 28.44                  | 23.20                 |
| Jen                                                                      | 138           | 29.44                 | 28.65                  | 23.38                 |
| Guadalupe                                                                | 220           | 29.44                 | 28.54                  | 23.34                 |
| Guadalupe                                                                | 60            | 29.44                 | 28.38                  | 23.37                 |
| Camana                                                                   | 220           | 29.44                 | 28.24                  | 23.11                 |
| Trujillo Norte                                                           | 220           | 29.44                 | 28.41                  | 23.23                 |
| Chimbote I                                                               | 220           | 29.44                 | 28.25                  | 23.11                 |
| Chimbote I                                                               | 138           | 29.44                 | 28.29                  | 23.15                 |
| Paramonga Nueva                                                          | 220           | 29.44                 | 27.89                  | 22.80                 |
| Paramonga Nueva                                                          | 138           | 29.44                 | 27.84                  | 22.87                 |
| Paramonga Existente                                                      | 138           | 29.44                 | 27.67                  | 22.80                 |
| Huacho                                                                   | 220           | 29.44                 | 27.85                  | 22.87                 |
| Zapall                                                                   | 220           | 29.44                 | 27.94                  | 22.85                 |
| Ventanilla                                                               | 220           | 29.44                 | 27.98                  | 22.88                 |
| Lima                                                                     | 220           | 29.44                 | 27.97                  | 22.88                 |
| Contra                                                                   | 220           | 29.44                 | 27.62                  | 22.67                 |
| Chica                                                                    | 220           | 29.44                 | 27.45                  | 22.49                 |
| Independencia                                                            | 220           | 29.44                 | 27.65                  | 22.76                 |
| Ica                                                                      | 220           | 29.44                 | 27.63                  | 22.74                 |
| Marcona                                                                  | 220           | 29.44                 | 28.04                  | 22.96                 |
| Mantaro                                                                  | 220           | 29.44                 | 27.15                  | 22.24                 |
| Huaycachi                                                                | 220           | 29.44                 | 27.33                  | 22.37                 |
| Pachachaca                                                               | 220           | 29.44                 | 27.51                  | 22.55                 |
| Pomacocha                                                                | 220           | 29.44                 | 27.56                  | 22.58                 |
| Huancavelica                                                             | 220           | 29.44                 | 27.33                  | 22.40                 |
| Callahuanca                                                              | 220           | 29.44                 | 27.65                  | 22.64                 |
| Cajamarquilla                                                            | 220           | 29.44                 | 27.87                  | 22.81                 |
| Huallanca                                                                | 138           | 29.44                 | 27.68                  | 22.68                 |
| Vicma                                                                    | 220           | 29.44                 | 27.86                  | 22.85                 |
| Tingo Maria                                                              | 220           | 29.44                 | 27.79                  | 22.78                 |
| Aguaylla                                                                 | 220           | 29.44                 | 27.88                  | 22.84                 |
| Aguaylla                                                                 | 138           | 29.44                 | 27.96                  | 22.89                 |
| Aguaylla                                                                 | 22.9          | 29.44                 | 27.93                  | 22.87                 |
| Pucallpa                                                                 | 138           | 29.44                 | 28.58                  | 23.29                 |
| Pucallpa                                                                 | 60            | 29.44                 | 28.61                  | 23.30                 |
| Acayacu                                                                  | 138           | 29.44                 | 28.12                  | 23.03                 |
| Acayacu                                                                  | 138           | 29.44                 | 28.43                  | 23.27                 |
| Tingo Maria                                                              | 138           | 29.44                 | 27.76                  | 22.75                 |
| Huánuco                                                                  | 138           | 29.44                 | 27.80                  | 22.74                 |
| Parashati II                                                             | 138           | 29.44                 | 27.59                  | 22.62                 |
| Parashati                                                                | 220           | 29.44                 | 27.51                  | 22.56                 |
| Yacui                                                                    | 138           | 29.44                 | 27.06                  | 22.21                 |
| Yuncán                                                                   | 138           | 29.44                 | 27.23                  | 22.34                 |
| Yuncán                                                                   | 220           | 29.44                 | 27.30                  | 22.40                 |
| Oroya Nueva                                                              | 220           | 29.44                 | 27.47                  | 22.53                 |
| Oroya Nueva                                                              | 138           | 29.44                 | 27.26                  | 22.40                 |
| Oroya Nueva                                                              | 50            | 29.44                 | 27.36                  | 22.47                 |
| Cathuquero                                                               | 138           | 29.44                 | 27.45                  | 22.52                 |
| Cathuquero Nueva                                                         | 220           | 29.44                 | 27.45                  | 22.52                 |
| Carpa                                                                    | 138           | 29.44                 | 27.15                  | 22.31                 |
| Desierto                                                                 | 220           | 29.44                 | 27.64                  | 22.72                 |
| Condorcocha                                                              | 138           | 29.44                 | 27.18                  | 22.33                 |
| Condorcocha                                                              | 44            | 29.44                 | 27.18                  | 22.33                 |
| Machupichu                                                               | 138           | 29.44                 | 27.57                  | 22.49                 |
| Cachimayo                                                                | 138           | 29.44                 | 28.47                  | 23.20                 |
| Cusco                                                                    | 138           | 29.44                 | 28.59                  | 23.26                 |
| Comblapat                                                                | 138           | 29.44                 | 29.09                  | 23.66                 |
| Tintaya                                                                  | 138           | 29.44                 | 29.49                  | 24.04                 |
| Ayaviri                                                                  | 138           | 29.44                 | 29.19                  | 23.77                 |
| Adisnaro                                                                 | 138           | 29.44                 | 29.01                  | 23.61                 |
| San Gabán                                                                | 138           | 29.44                 | 27.52                  | 22.49                 |
| Mazuco                                                                   | 138           | 29.44                 | 28.14                  | 22.76                 |
| Puerto Maldonado                                                         | 138           | 29.44                 | 29.75                  | 23.05                 |
| Julica                                                                   | 138           | 29.44                 | 29.22                  | 23.74                 |
| Puno                                                                     | 138           | 29.44                 | 29.20                  | 23.72                 |
| Puno                                                                     | 220           | 29.44                 | 29.15                  | 23.69                 |
| Callal                                                                   | 138           | 29.44                 | 29.34                  | 23.93                 |
| Santuario                                                                | 138           | 29.44                 | 28.94                  | 23.61                 |
| Anqueas                                                                  | 138           | 29.44                 | 29.89                  | 23.55                 |
| Socabaya                                                                 | 220           | 29.44                 | 28.85                  | 23.52                 |
| Cerro Verde                                                              | 138           | 29.44                 | 28.97                  | 23.60                 |
| Repatrión                                                                | 138           | 29.44                 | 29.16                  | 23.68                 |
| Molleando                                                                | 138           | 29.44                 | 29.33                  | 23.79                 |
| Miquequea                                                                | 220           | 29.44                 | 28.87                  | 23.52                 |
| Miquequea                                                                | 138           | 29.44                 | 29.90                  | 23.54                 |
| Illo E.L.S.                                                              | 138           | 29.44                 | 29.15                  | 23.71                 |
| Boffica                                                                  | 138           | 29.44                 | 29.08                  | 23.69                 |
| Toquequea                                                                | 138           | 29.44                 | 29.12                  | 23.74                 |
| Aricota                                                                  | 138           | 29.44                 | 28.94                  | 23.70                 |
| Aricota                                                                  | 66            | 29.44                 | 28.86                  | 23.69                 |
| Tacna (Los Héroes)                                                       | 220           | 29.44                 | 29.98                  | 23.57                 |
| Tacna (Los Héroes)                                                       | 66            | 29.44                 | 29.08                  | 23.60                 |
| La Nina                                                                  | 220           | 29.44                 | 28.59                  | 23.36                 |
| Ottavase                                                                 | 220           | 29.44                 | 28.13                  | 22.98                 |
| Carabavillo                                                              | 220           | 29.44                 | 27.90                  | 22.82                 |
| La Ramada                                                                | 220           | 29.44                 | 28.03                  | 22.96                 |
| Lomera                                                                   | 220           | 29.44                 | 27.92                  | 22.87                 |
| Aia                                                                      | 220           | 29.44                 | 27.52                  | 22.56                 |
| Alto Praderas                                                            | 220           | 29.44                 | 27.65                  | 22.63                 |
| La Planicie                                                              | 220           | 29.44                 | 27.92                  | 22.83                 |
| Belavunde                                                                | 138           | 29.44                 | 28.68                  | 23.39                 |
| Cadiz                                                                    | 220           | 29.44                 | 28.51                  | 23.28                 |
| Medio Mundo                                                              | 220           | 29.44                 | 27.88                  | 22.89                 |
| Tintaya Nueva                                                            | 220           | 29.44                 | 29.40                  | 23.97                 |

| TENSIÓN<br>kV                                                            | PPM<br>c/m. S./A.W.h | PEMP<br>c/m. S./A.W.h | PEMFA<br>c/m. S./A.W.h | PCBPT<br>c/m. S./A.W.h | CPBEE<br>c/m. S./A.W.h | (PPM+PCBPT)<br>c/m. S./A.W.h | (PEMP+CPBEE)<br>c/m. S./A.W.h | (PEMFA+CPBEE)<br>c/m. S./A.W.h | Potencia<br>c/m. S./A.W.h | Energía<br>c/m. S./A.W.h | Promedio<br>c/m. S./A.W.h |
|--------------------------------------------------------------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------------|-------------------------------|--------------------------------|---------------------------|--------------------------|---------------------------|
| Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1) |                      |                       |                        |                        |                        |                              |                               |                                |                           |                          |                           |
| Zorritos                                                                 | 220                  | 29.44                 | 28.13                  | 23.70                  | 36.929                 | 66.369                       | 29.13                         | 23.70                          | 11.36                     | 24.76                    | 36.34                     |
| Talara                                                                   | 220                  | 29.44                 | 28.97                  | 23.82                  | 36.929                 | 66.369                       | 28.97                         | 23.82                          | 11.36                     | 24.58                    | 36.14                     |
| Plura Oeste                                                              | 220                  | 29.44                 | 28.91                  | 23.58                  | 36.929                 | 66.369                       | 28.91                         | 23.58                          | 11.56                     | 24.64                    | 36.20                     |
| Chidayo Oeste                                                            | 220                  | 29.44                 | 28.63                  | 23.39                  | 36.929                 | 66.369                       | 28.63                         | 23.39                          | 11.56                     | 24.43                    | 35.99                     |
| Cathuquero                                                               | 220                  | 29.44                 | 28.22                  | 23.08                  | 36.929                 | 66.369                       | 28.22                         | 23.08                          | 11.56                     | 24.36                    | 35.65                     |
| Cathuquero                                                               | 138                  | 29.44                 | 28.21                  | 23.07                  | 36.929                 | 66.369                       | 28.21                         | 23.07                          | 11.56                     | 24.09                    | 35.65                     |
| Culevno                                                                  | 138                  | 29.44                 | 28.44                  | 23.20                  | 36.929                 | 66.369                       | 28.44                         | 23.20                          | 11.56                     | 24.24                    | 35.89                     |
| Jen                                                                      | 138                  | 29.44                 | 28.65                  | 23.38                  | 36.929                 | 66.369                       | 28.65                         | 23.38                          | 11.56                     | 24.41                    | 35.99                     |
| Guadalupe                                                                | 220                  | 29.44                 | 28.54                  | 23.34                  | 36.929                 | 66.369                       | 28.54                         | 23.34                          | 11.56                     | 24.38                    | 35.93                     |
| Guadalupe                                                                | 60                   | 29.44                 | 28.38                  | 23.37                  | 36.929                 | 66.369                       | 28.38                         | 23.37                          | 11.56                     | 24.41                    | 35.97                     |
| Camana                                                                   | 220                  | 29.44                 | 28.24                  | 23.11                  | 36.929                 | 66.369                       | 28.24                         | 23.11                          | 11.56                     | 24.13                    | 35.69                     |
| Trujillo Norte                                                           | 220                  | 29.44                 | 28.41                  | 23.23                  | 36.929                 | 66.369                       | 28.41                         | 23.23                          | 11.56                     | 24.25                    | 35.82                     |
| Chimbote I                                                               | 220                  | 29.44                 | 28.25                  | 23.11                  | 36.929                 | 66.369                       | 28.25                         | 23.11                          | 11.56                     | 24.13                    | 35.69                     |
| Chimbote I                                                               | 138                  | 29.44                 | 28.29                  | 23.15                  | 36.929                 | 66.369                       | 28.29                         | 23.15                          | 11.56                     | 24.17                    | 35.73                     |
| Paramonga Nueva                                                          | 220                  | 29.44                 | 27.89                  | 22.90                  | 36.929                 | 66.369                       | 27.89                         | 22.90                          | 11.56                     | 23.89                    | 35.45                     |
| Paramonga Nueva                                                          | 138                  | 29.44                 | 27.84                  | 22.87                  | 36.929                 | 66.369                       | 27.84                         | 22.87                          | 11.56                     | 23.86                    | 35.42                     |
| Paramonga Existente                                                      | 138                  | 29.44                 | 27.67                  | 22.80                  | 36.929                 | 66.369                       | 27.67                         | 22.80                          | 11.56                     | 23.77                    | 35.33                     |
| Huacho                                                                   | 220                  | 29.44                 | 27.85                  | 22.87                  | 36.929                 | 66.369                       | 27.85                         | 22.87                          | 11.56                     | 23.86                    | 35.42                     |
| Zapall                                                                   | 220                  | 29.44                 | 27.94                  | 22.85                  | 36.929                 | 66.369                       | 27.94                         | 22.85                          | 11.56                     | 23.86                    | 35.42                     |
| Ventanilla                                                               | 220                  | 29.44                 | 27.98                  | 22.88                  | 36.929                 | 66.369                       | 27.98                         | 22.88                          | 11.56                     | 23.90                    | 35.45                     |
| Lima                                                                     | 220                  | 29.44                 | 27.97                  | 22.88                  | 36.929                 | 66.369                       | 27.97                         | 22.88                          | 11.56                     | 23.89                    | 35.45                     |
| Contra                                                                   | 220                  | 29.44                 | 27.62                  | 22.67                  | 36.929                 | 66.369                       | 27.62                         | 22.67                          | 11.56                     | 23.66                    | 35.21                     |
| Chica                                                                    | 220                  | 29.44                 | 27.45                  | 22.49                  | 36.929                 | 66.369                       | 27.45                         | 22.49                          | 11.56                     | 23.48                    | 35.04                     |
| Independencia                                                            | 220                  | 29.44                 | 27.65                  | 22.76                  | 36.929                 | 66.369                       | 27.65                         | 22.76                          | 11.56                     | 23.73                    | 35.29                     |
| Ica                                                                      | 220                  | 29.44                 | 27.63                  | 22.74                  | 36.929                 | 66.369                       | 27.63                         | 22.74                          | 11.56                     | 23.71                    | 35.27                     |
| Marcona                                                                  | 220                  | 29.44                 | 28.04                  | 22.96                  | 36.929                 | 66.369                       | 28.04                         | 22.96                          | 11.56                     | 23.97                    | 35.53                     |
| Mantaro                                                                  | 220                  | 29.44                 | 27.15                  | 22.24                  | 36.929                 | 66.369                       | 27.15                         | 22.24                          | 11.56                     | 23.22                    | 34.78                     |
| Huaycachi                                                                | 220                  | 29.44                 | 27.33                  | 22.37                  | 36.929                 | 66.369                       | 27.33                         | 22.37                          | 11.56                     | 23.36                    | 34.92                     |
| Pachachaca                                                               | 220                  | 29.44                 | 27.51                  | 22.55                  | 36.929                 | 66.369                       | 27.51                         | 22.55                          | 11.56                     | 23.54                    | 35.10                     |
| Pomacocha                                                                | 220                  | 29.44                 | 27.56                  | 22.58                  | 36.929                 | 66.369                       | 27.56                         | 22.58                          | 11.56                     | 23.57                    | 35.13                     |
| Huancavelica                                                             | 220                  | 29.44                 | 27.33                  | 22.40                  | 36.929                 | 66.369                       | 27.33                         | 22.40                          | 11.56                     | 23.36                    | 34.94                     |
| Callahuanca                                                              | 220                  | 29.44                 | 27.65                  | 22.64                  | 36.929                 | 66.369                       | 27.65                         | 22.64                          | 11.56                     | 23.62                    | 35.20                     |
| Cajamarquilla                                                            | 220                  | 29.44                 | 27.87                  | 22.81                  | 36.929                 | 66.369                       | 27.87                         | 22.81                          | 11.56                     | 23.82                    | 35.38                     |
| Huallanca                                                                | 138                  | 29.44                 | 27.68                  | 22.68                  | 36.929                 | 66.369                       | 27.68                         | 22.68                          | 11.56                     | 23.85                    | 35.41                     |
| Vicma                                                                    | 220                  | 29.44                 | 27.86                  | 22.85                  | 36.929                 | 66.369                       | 27.86                         | 22.85                          | 11.56                     | 23.85                    | 35.41                     |
| Tingo Maria                                                              | 220                  | 29.44                 | 27.79                  | 22.78                  | 36.929                 | 66.369                       | 27.79                         | 22.78                          | 11.56                     | 23.78                    | 35.34                     |
| Aguaylla                                                                 | 220                  | 29.44                 | 27.88                  | 22.84                  | 36.929                 | 66.369                       | 27.88                         | 22.84                          | 11.56                     | 23.84                    | 35.40                     |
| Aguaylla                                                                 | 138                  | 29.44                 | 27.96                  | 22.89                  | 36.929                 | 66.369                       | 27.96                         | 22.89                          | 11.56                     | 23.90                    | 35.46                     |
| Aguaylla                                                                 | 22.9                 | 29.44                 | 27.93                  | 22.87                  | 36.929                 | 66.369                       | 27.93                         | 22.87                          | 11.56                     | 23.88                    | 35.44                     |
| Pucallpa                                                                 | 138                  | 29.44                 | 28.58                  | 23.29                  | 36.929                 | 66.369                       | 28.58                         | 23.29                          | 11.56                     | 24.08                    | 35.82                     |
| Pucallpa                                                                 | 60                   | 29.44                 | 28.61                  | 23.30                  | 36.929                 | 1.56                         | 66.369                        | 23.30                          | 11.56                     | 24.07                    | 35.81                     |
| Acayacu                                                                  | 138                  | 29.44                 | 28.12                  | 23.03                  | 36.929                 | 66.369                       | 28.12                         | 23.03                          | 11.56                     | 24.04                    | 35.60                     |
| Acayacu                                                                  | 138                  | 29.44                 | 28.43                  | 23.27                  | 36.929                 | 66.369                       | 28.43                         | 23.27                          | 11.56                     | 24.30                    | 35.86                     |
| Tingo Maria                                                              | 138                  | 29.44                 | 27.76                  | 22.75                  | 36.929                 | 66.369                       | 27.76                         | 22.75                          | 11.56                     | 23.75                    | 35.31                     |
| Huánuco                                                                  | 138                  | 29.44                 | 27.80                  | 22.74                  | 36.929                 | 66.369                       | 27.80                         | 22.74                          | 11.56                     | 23.75                    | 35.31                     |
| Parashati I                                                              | 138                  | 29.44                 | 27.59                  | 22.62                  | 36.929                 | 66.369                       | 27.59                         | 22.62                          | 11.56                     | 23.61                    | 35.17                     |
| Parashati I                                                              | 220                  | 29.44                 | 27.51                  | 22.56                  | 36.929                 | 66.369                       | 27.51                         | 22.56                          | 11.56                     | 23.55                    | 35.10                     |
| Yacui                                                                    | 138                  | 29.44                 | 27.06                  | 22.21                  | 36.929                 | 66.369                       | 27.06                         | 22.21                          | 11.56                     | 23.18                    | 34.73                     |
| Yuncán                                                                   | 138                  | 29.44                 | 27.23                  | 22.34                  | 36.929                 | 66.369                       | 27.23                         | 22.34                          | 11.56                     | 23.34                    | 34.87                     |
| Yuncán                                                                   | 220                  | 29.44                 | 27.30                  | 22.40                  | 36.929                 | 66.369                       | 27.30                         | 22.40                          | 11.56                     | 23.38                    | 34.93                     |
| Oroya Nueva                                                              | 220                  | 29.44                 | 27.47                  | 22.53                  | 36.929                 | 66.369                       | 27.47                         | 22.53                          | 11.56                     | 23.51                    | 35.07                     |
| Oroya Nueva                                                              | 138                  | 29.44                 | 27.26                  | 22.40                  | 36.929                 | 66.369                       | 27.26                         | 22.40                          | 11.56                     | 23.37                    | 34.93                     |
| Oroya Nueva                                                              | 50                   | 29.44                 | 27.36                  | 22.47                  | 36.929                 | 66.369                       | 27.36                         | 22.47                          | 11.56                     | 23.44                    | 35.00                     |
| Cathuquero                                                               | 138                  | 29.44                 | 27.45                  | 22.52                  | 36.929                 | 66.369                       | 27.45                         | 22.52                          | 11.56                     | 23.50                    | 35.06                     |
| Cathuquero Nueva                                                         | 220                  | 29.44                 | 27.45                  | 22.52                  | 36.929                 | 66.369                       | 27.45                         | 22.52                          | 11.56                     | 23.50                    | 35.06</                   |

**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/Mayo/2023 con redondeo

| Sistema de Transmisión                                                                        |                                                                | PCSPT + PTSPT (\$/kW-mes) |              |               |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------|--------------|---------------|
|                                                                                               |                                                                | Valor Base (Res. Barra)   | FAPCSPT      | Actualizado   |
| SPT de REP                                                                                    |                                                                | 4,000                     | 1,000        | 4,000         |
| SPT de REP (Ampliación 21)                                                                    |                                                                | 0,090                     | 0,000        | 0,000         |
| SPT de Egemsa                                                                                 |                                                                | 0,003                     | 1,000        | 0,003         |
| SPT de San Gabán                                                                              |                                                                | 0,004                     | 1,000        | 0,004         |
| SPT de Antamina                                                                               |                                                                | 0,006                     | 1,000        | 0,006         |
| SPT de ISA Perú (Ex Eteselva)                                                                 |                                                                | 0,134                     | 1,000        | 0,134         |
| SPT de Redesur                                                                                |                                                                | 0,750                     | 1,000        | 0,750         |
| SPT de Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)                            |                                                                | 2,109                     | 1,000        | 2,109         |
| SPT de Transmataro (Addendum N° 8)                                                            |                                                                | 0,657                     | 1,000        | 0,657         |
| SPT de Transmataro (Ampliación Adicional 1)                                                   |                                                                | 0,046                     | 1,000        | 0,046         |
| SPT de ISA (contrato BOOT, ampliación 1 y 2)                                                  |                                                                | 0,546                     | 1,000        | 0,546         |
| SGT Línea Chilca - Zapallal (Tramos 1 y 2)                                                    |                                                                | 0,543                     | 1,000        | 0,543         |
| SGT Líneas Carhuamayo - Cajamarca 220 kV (Tramos 1, 2, 3 y 4) y SVC-Cajamarca                 | <b>LT 220 kV Carhuamayo-Paraosha v subestaciones asociadas</b> | 0,942                     | <b>1,000</b> | <b>0,942</b>  |
|                                                                                               | L.T. Paraosha-Conococha y subestaciones asociadas – Tramo 2    | 0,000                     | 1,000        | 0,000         |
|                                                                                               | Ampliación de la Subestación Cajamarca 220 kV – SVC            | 0,000                     | 1,000        | 0,000         |
|                                                                                               | LT 220 kV Conococha-Huallanca v subestaciones asociadas –      | 0,000                     | 1,000        | 0,000         |
|                                                                                               | LT 220 kV Huallanca-Cajamarca v subestaciones asociadas -      | 0,000                     | 1,000        | 0,000         |
| SGT Línea Talara Piura 220 kV (2do circuito)                                                  |                                                                | 0,121                     | 1,000        | 0,121         |
| SGT Línea Zapallal – Trujillo 500 kV                                                          |                                                                | 1,360                     | 1,000        | 1,360         |
| SGT Línea Pomacocha - Carhuamayo 220 kV                                                       |                                                                | 0,130                     | 1,000        | 0,130         |
| SGT Línea Socabaya - Tintaya 220 kV                                                           |                                                                | 0,340                     | 1,000        | 0,340         |
| SGT Línea Chilca – Marcona –Montalvo 500 kV                                                   |                                                                | 2,498                     | 1,000        | 2,498         |
| SGT Línea Carhuauquero - Cajamarca Norte- Cádlic- Moyobamba 220 kV (1)                        |                                                                | 0,864                     | 1,000        | 0,864         |
| SGT Línea Machupicchu–Quencora–Onocora–Tintaya 220 kV (1)                                     |                                                                | 0,691                     | 0,000        | 0,000         |
| SGT Línea Tintaya - Azangaro 220 kV                                                           |                                                                | 0,087                     | 1,000        | 0,087         |
| SGT Línea La Niña - Piura 500 kV                                                              |                                                                | 0,450                     | 0,000        | 0,000         |
| SGT Pariñas - Nueva Tumbes 220 kV                                                             |                                                                | 0,169                     | 0,000        | 0,000         |
| SGT Tingo María - Aquaytia 220 kV                                                             |                                                                | 0,113                     | 0,000        | 0,000         |
| SGT Línea Trujillo - Chiclayo 500 kV                                                          |                                                                | 0,862                     | 1,000        | 0,862         |
| SGT Línea Machupicchu - Abancay - Cotaruse 220 kV (1)                                         |                                                                | 0,595                     | 1,000        | 0,595         |
| SGT Línea 500 kV Mantaro- Marcona-Socabaya-Montalvo y Subestaciones Asociadas (1)             |                                                                | 2,113                     | 1,000        | 2,113         |
| Subestación Carapongo y enlaces de conexión (1er etapa) y SE Carapongo (Monto Complementario) |                                                                | 0,334                     | 1,000        | 0,334         |
| Refuerzo de Línea Trujillo - Chiclayo                                                         |                                                                | 0,000                     | 1,000        | 0,000         |
| Subestación Carapongo (Monto Complementario)                                                  |                                                                | 0,000                     | 1,000        | 0,000         |
| Reconfiguración de LT Chilca-La Planicie-Carabaylo                                            |                                                                | 0,020                     | 0,000        | 0,000         |
| 2do Transformador 500/220 kV - 600 MVA en la S.E. Chilca                                      |                                                                | 0,089                     | 0,000        | 0,000         |
| Ampliación de barras 500 kV en SE Carabaylo                                                   |                                                                | 0,013                     | 0,000        | 0,000         |
| Ampliación de la Subestación La Planicie 220 kV                                               |                                                                | 0,124                     | 0,000        | 0,000         |
| Línea Aguaytia - Pucallpa (2 circuito)                                                        |                                                                | 0,069                     | 1,000        | 0,069         |
| Línea Nueva Yanango - Nueva Huanuco 500 kV                                                    |                                                                | 0,917                     | 0,000        | 0,000         |
| Línea Mantaro - Nueva Yanango - Carapongo 500 kV                                              |                                                                | 1,120                     | 0,000        | 0,000         |
| Línea Azangaro-Juliaca-Puno 220 kV                                                            |                                                                | 0,293                     | 1,000        | 0,293         |
| Cargo Unitario por Compensación por Seguridad de Suministro (3)                               | No RF                                                          | 0,311                     | 1,000        | 0,311         |
|                                                                                               | RF de Talara                                                   | 1,012                     | 1,000        | 1,012         |
|                                                                                               | RF de Ilo                                                      | 2,190                     | 1,000        | 2,190         |
|                                                                                               | RF de Pucallpa                                                 | 0,242                     | 1,000        | 0,242         |
|                                                                                               | RF de Puerto Maldonado                                         | 0,139                     | 1,000        | 0,139         |
|                                                                                               | RF de Puerto Eten                                              | 1,144                     | 1,000        | 1,144         |
| Cargo por Prima                                                                               | Cogeneración Paramonga                                         | 0,108                     | 1,000        | 0,108         |
|                                                                                               | C.H. Santa Cruz II                                             | 0,054                     | 1,000        | 0,054         |
|                                                                                               | C.H. Santa Cruz I                                              | 0,049                     | 1,000        | 0,049         |
|                                                                                               | C.H. Poechos 2                                                 | 0,075                     | 1,000        | 0,075         |
|                                                                                               | C.H. Roncador                                                  | 0,012                     | 1,000        | 0,012         |
|                                                                                               | C.H. Carhuauquero IV                                           | 0,178                     | 1,000        | 0,178         |
|                                                                                               | C.H. Caña Brava                                                | 0,054                     | 1,000        | 0,054         |
|                                                                                               | C.H. La Jova                                                   | 0,092                     | 1,000        | 0,092         |
|                                                                                               | C.T. Huaycoloro                                                | 0,137                     | 1,000        | 0,137         |
|                                                                                               | C. H. Pumasana                                                 | 0,000                     | 0,000        | 0,000         |
|                                                                                               | C.H. Huasahuasi I                                              | 0,071                     | 1,000        | 0,071         |
|                                                                                               | C.H. Huasahuasi II                                             | 0,073                     | 1,000        | 0,073         |
|                                                                                               | C.H. Nuevo Imperial                                            | 0,036                     | 1,000        | 0,036         |
|                                                                                               | CS Repartición Solar 20T                                       | 0,419                     | 1,000        | 0,419         |
|                                                                                               | CS Majes Solar 20T                                             | 0,420                     | 1,000        | 0,420         |
|                                                                                               | CS Tacna Solar 20T                                             | 0,535                     | 1,000        | 0,535         |
|                                                                                               | CS Panamericana Solar 20T                                      | 0,544                     | 1,000        | 0,544         |
|                                                                                               | C.H. Yanapampa                                                 | 0,028                     | 1,000        | 0,028         |
|                                                                                               | C.H. Las Pizarras                                              | 0,173                     | 1,000        | 0,173         |
|                                                                                               | C.E. Marcona                                                   | 0,253                     | 1,000        | 0,253         |
|                                                                                               | C.E. Talara                                                    | 0,360                     | 1,000        | 0,360         |
|                                                                                               | C.E. Cupisnique                                                | 0,829                     | 1,000        | 0,829         |
|                                                                                               | C.H. Runatullo III                                             | 0,106                     | 1,000        | 0,106         |
|                                                                                               | C.H. Runatullo II                                              | 0,125                     | 1,000        | 0,125         |
|                                                                                               | CSF Moquegua FV                                                | 0,212                     | 1,000        | 0,212         |
|                                                                                               | C.H. Canchaylo                                                 | 0,011                     | 1,000        | 0,011         |
|                                                                                               | C.T. La Gringa V                                               | 0,054                     | 1,000        | 0,054         |
|                                                                                               | C.H. Chancay                                                   | 0,186                     | 1,000        | 0,186         |
|                                                                                               | C.H. Rucuy                                                     | 0,000                     | 1,000        | 0,000         |
|                                                                                               | C.E. Tres Hermanas                                             | 0,747                     | 1,000        | 0,747         |
|                                                                                               | C.H. Potrero                                                   | 0,107                     | 1,000        | 0,107         |
|                                                                                               | C.H. Yarucaya                                                  | 0,145                     | 1,000        | 0,145         |
|                                                                                               | C.S. Rubi                                                      | 0,278                     | 1,000        | 0,278         |
|                                                                                               | C.H. Renovandes H1                                             | 0,141                     | 1,000        | 0,141         |
|                                                                                               | C.S. Intipampa                                                 | 0,035                     | 1,000        | 0,035         |
|                                                                                               | C.E. Wayra I                                                   | 0,000                     | 1,000        | 0,000         |
|                                                                                               | C.B. Huaycoloro II                                             | 0,031                     | 1,000        | 0,031         |
|                                                                                               | C.H. Angel I                                                   | 0,040                     | 1,000        | 0,040         |
|                                                                                               | C.H. Angel II                                                  | 0,082                     | 1,000        | 0,082         |
|                                                                                               | C.H. Angel III                                                 | 0,077                     | 1,000        | 0,077         |
|                                                                                               | C.H. Her                                                       | 0,003                     | 1,000        | 0,003         |
|                                                                                               | C.H. Carhuac                                                   | 0,073                     | 1,000        | 0,073         |
|                                                                                               | C.H. El Carmen                                                 | 0,050                     | 1,000        | 0,050         |
|                                                                                               | C.H. Zaña 1                                                    | 0,000                     | 0,000        | 0,000         |
|                                                                                               | C.H. Manta                                                     | 0,032                     | 1,000        | 0,032         |
|                                                                                               | C.T. Callao                                                    | 0,022                     | 1,000        | 0,022         |
|                                                                                               | C.H. 8 de Agosto                                               | 0,085                     | 1,000        | 0,085         |
| Cargo Unitario por FISE (3)                                                                   |                                                                | 0,438                     | 1,000        | 0,438         |
| Cargo Unitario por Capacidad de Generación Eléctrica - CT Puerto Bravo (8)                    |                                                                | 2,6950                    | 1,000        | 2,695         |
| Cargo Unitario por Capacidad de Generación Eléctrica - CT Planta N° 2 Ilo (8)                 |                                                                | 2,2010                    | 1,000        | 2,201         |
| Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía (4) |                                                                | 0,0090                    | 1,000        | 0,009         |
| <b>PCSPT =</b>                                                                                |                                                                |                           |              | <b>36,929</b> |

# 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   |