

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

TARIFAS EN BARRA (Res. N° 067-2015-OS/CD)

FIJACION al 01/mayo/2015

ACTUALIZADO AL 04/abril/2016 CON REDONDEO

| TENSION<br>KV                                                                   | PPMo<br>S./KW-mes | PEMPo<br>ctm. S./KW/h | PEMFO<br>ctm. S./KW/h |
|---------------------------------------------------------------------------------|-------------------|-----------------------|-----------------------|
| <b>Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1)</b> |                   |                       |                       |
| Zorritos                                                                        | 220               | 19.01                 | 13.05                 |
| Talara                                                                          | 220               | 19.01                 | 13.95                 |
| Piura Oeste                                                                     | 220               | 19.01                 | 13.98                 |
| Chiclayo Oeste                                                                  | 220               | 19.01                 | 13.86                 |
| Carhuauquero                                                                    | 220               | 19.01                 | 13.64                 |
| Carhuauquero                                                                    | 138               | 19.01                 | 12.62                 |
| Cutervo                                                                         | 138               | 19.01                 | 13.65                 |
| Jaen                                                                            | 138               | 19.01                 | 13.65                 |
| Guadalupe                                                                       | 220               | 19.01                 | 13.84                 |
| Guadalupe                                                                       | 60                | 19.01                 | 13.85                 |
| Cajamarca                                                                       | 220               | 19.01                 | 13.77                 |
| Trujillo Norte                                                                  | 220               | 19.01                 | 13.77                 |
| Chimbote 1                                                                      | 220               | 19.01                 | 13.72                 |
| Chimbote 1                                                                      | 138               | 19.01                 | 13.76                 |
| Paramonga Nueva                                                                 | 220               | 19.01                 | 13.67                 |
| Paramonga Nueva                                                                 | 138               | 19.01                 | 13.67                 |
| Paramonga Existente                                                             | 138               | 19.01                 | 13.65                 |
| Huacho                                                                          | 220               | 19.01                 | 13.63                 |
| Zapallal                                                                        | 220               | 19.01                 | 13.56                 |
| Ventanilla                                                                      | 220               | 19.01                 | 13.56                 |
| Lima                                                                            | 220               | 19.01                 | 13.54                 |
| Cariera                                                                         | 220               | 19.01                 | 13.55                 |
| Chica                                                                           | 220               | 19.01                 | 13.45                 |
| Independencia                                                                   | 220               | 19.01                 | 13.57                 |
| Ica                                                                             | 220               | 19.01                 | 13.62                 |
| Marcona                                                                         | 220               | 19.01                 | 13.70                 |
| Mantaro                                                                         | 220               | 19.01                 | 13.21                 |
| Huayucachi                                                                      | 220               | 19.01                 | 13.31                 |
| Pachachaca                                                                      | 220               | 19.01                 | 13.50                 |
| Pomacocha                                                                       | 220               | 19.01                 | 13.50                 |
| Huancavelica                                                                    | 220               | 19.01                 | 13.31                 |
| Callahuana                                                                      | 220               | 19.01                 | 13.68                 |
| Cajamarquilla                                                                   | 220               | 19.01                 | 13.63                 |
| Huallanca                                                                       | 138               | 19.01                 | 13.47                 |
| Vizcarra                                                                        | 220               | 19.01                 | 13.80                 |
| Tingo Maria                                                                     | 220               | 19.01                 | 14.10                 |
| Aguyaitia                                                                       | 220               | 19.01                 | 14.16                 |
| Aguyaitia                                                                       | 138               | 19.01                 | 14.21                 |
| Aguyaitia                                                                       | 22.9              | 19.01                 | 14.19                 |
| Pucallpa                                                                        | 138               | 19.01                 | 14.69                 |
| Pucallpa                                                                        | 60                | 19.01                 | 14.71                 |
| Aucayacu                                                                        | 138               | 19.01                 | 14.46                 |
| Tocache                                                                         | 138               | 19.01                 | 15.01                 |
| Tingo Maria                                                                     | 138               | 19.01                 | 14.22                 |
| Huánuco                                                                         | 138               | 19.01                 | 13.95                 |
| Paragsha II                                                                     | 138               | 19.01                 | 13.59                 |
| Paragsha                                                                        | 220               | 19.01                 | 13.56                 |
| Yaupi                                                                           | 138               | 19.01                 | 13.27                 |
| Yuncan                                                                          | 138               | 19.01                 | 13.38                 |
| Yuncan                                                                          | 220               | 19.01                 | 13.42                 |
| Oroya Nueva                                                                     | 220               | 19.01                 | 13.51                 |
| Oroya Nueva                                                                     | 138               | 19.01                 | 13.51                 |
| Oroya Nueva                                                                     | 50                | 19.01                 | 13.51                 |
| Carhuamayo                                                                      | 138               | 19.01                 | 13.47                 |
| Carhuamayo Nueva                                                                | 220               | 19.01                 | 13.51                 |
| Carpa                                                                           | 138               | 19.01                 | 13.53                 |
| Desierto                                                                        | 220               | 19.01                 | 13.55                 |
| Condorcocha                                                                     | 138               | 19.01                 | 13.56                 |
| Condorcocha                                                                     | 44                | 19.01                 | 13.56                 |
| Machupicchu                                                                     | 138               | 19.01                 | 13.94                 |
| Cachimayo                                                                       | 138               | 19.01                 | 14.34                 |
| Cusco                                                                           | 138               | 19.01                 | 14.36                 |
| Combapata                                                                       | 138               | 19.01                 | 14.37                 |
| Tintaya                                                                         | 138               | 19.01                 | 14.34                 |
| Ayaviri                                                                         | 138               | 19.01                 | 14.08                 |
| Azángaro                                                                        | 138               | 19.01                 | 13.92                 |
| San Gabán                                                                       | 138               | 19.01                 | 12.40                 |
| Mazuco                                                                          | 138               | 19.01                 | 13.52                 |
| Puerto Maldonado                                                                | 138               | 19.01                 | 13.85                 |
| Julica                                                                          | 138               | 19.01                 | 14.08                 |
| Puno                                                                            | 138               | 19.01                 | 14.11                 |
| Puno                                                                            | 220               | 19.01                 | 14.09                 |
| Callali                                                                         | 138               | 19.01                 | 14.22                 |
| Santuario                                                                       | 138               | 19.01                 | 14.09                 |
| Arequipa                                                                        | 138               | 19.01                 | 14.14                 |
| Socabaya                                                                        | 220               | 19.01                 | 14.14                 |
| Cerro Verde                                                                     | 138               | 19.01                 | 14.18                 |
| Repartición                                                                     | 138               | 19.01                 | 14.23                 |
| Molendo                                                                         | 138               | 19.01                 | 14.30                 |
| Montalvo                                                                        | 220               | 19.01                 | 14.00                 |
| Montalvo                                                                        | 138               | 19.01                 | 14.01                 |
| Ilo ELP                                                                         | 138               | 19.01                 | 14.19                 |
| Botifla                                                                         | 138               | 19.01                 | 14.10                 |
| Toquepala                                                                       | 138               | 19.01                 | 14.09                 |
| Aricota                                                                         | 138               | 19.01                 | 13.99                 |
| Aricota                                                                         | 66                | 19.01                 | 13.93                 |
| Tacna (Los Héroes)                                                              | 220               | 19.01                 | 14.12                 |
| Tacna (Los Héroes)                                                              | 66                | 19.01                 | 14.24                 |
| La Nina                                                                         | 220               | 19.01                 | 13.94                 |
| Cotaruse                                                                        | 220               | 19.01                 | 13.66                 |
| Carabayillo                                                                     | 220               | 19.01                 | 13.55                 |

|                                                                     |    |       |       |
|---------------------------------------------------------------------|----|-------|-------|
| <b>Sistemas Aislados - Res. Barra (Cuadro 1) - Precios en Barra</b> |    |       |       |
| Adinela                                                             | MT | 21.84 | 28.75 |
| Chavimochic                                                         | MT | 21.84 | 28.75 |
| Edelnor                                                             | MT | 21.84 | 28.75 |
| Elilhica                                                            | MT | 21.84 | 28.75 |
| Electro Oriente                                                     | MT | 21.84 | 47.43 |
| Electro Ucayali                                                     | MT | 21.84 | 28.75 |
| Hidrandina                                                          | MT | 21.84 | 28.75 |
| Seal                                                                | MT | 21.84 | 45.69 |

|                                                                       |    |       |       |
|-----------------------------------------------------------------------|----|-------|-------|
| <b>Sistemas Aislados - Res. Barra (Cuadro 10) - Precios Efectivos</b> |    |       |       |
| Adinela                                                               | MT | 21.84 | 14.59 |
| Chavimochic                                                           | MT | 21.84 | 14.59 |
| Edelnor                                                               | MT | 21.84 | 14.59 |
| Elilhica                                                              | MT | 21.84 | 14.59 |
| Electro Oriente                                                       | MT | 21.84 | 14.78 |
| Electro Ucayali                                                       | MT | 21.84 | 14.59 |
| Hidrandina                                                            | MT | 21.84 | 4.95  |
| Seal                                                                  | MT | 21.84 | 12.09 |

|                                                                          | TENSION<br>KV | PPM<br>S./AW-mes | PEMP<br>ctm. S./AW/h | PEMF<br>ctm. S./AW/h | PCSPT<br>ctm. S./AW/h | CPSEE<br>ctm. S./AW/h | (PPM+PCSPT) |              | (PEMP + CPSEE) |              | (PEMF + CPSEE) |       | Potencia<br>ctm. S./AW/h | Energía<br>ctm. S./AW/h | Promedio<br>ctm. S./AW/h |
|--------------------------------------------------------------------------|---------------|------------------|----------------------|----------------------|-----------------------|-----------------------|-------------|--------------|----------------|--------------|----------------|-------|--------------------------|-------------------------|--------------------------|
|                                                                          |               |                  |                      |                      |                       |                       | PPM+PCSPT   | PEMP + CPSEE | PEMF + CPSEE   | PEMF + CPSEE |                |       |                          |                         |                          |
| Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1) |               |                  |                      |                      |                       |                       |             |              |                |              |                |       |                          |                         |                          |
| Zorritos                                                                 | 220           | 20.20            | 14.21                | 13.23                | 30.610                |                       | 50.81       | 14.21        | 13.23          | 8.85         | 13.43          | 22.27 |                          |                         |                          |
| Talara                                                                   | 220           | 20.20            | 14.15                | 13.18                | 30.610                |                       | 50.81       | 14.15        | 13.18          | 8.85         | 13.37          | 22.22 |                          |                         |                          |
| Piura Oeste                                                              | 220           | 20.20            | 14.18                | 13.21                | 30.610                |                       | 50.81       | 14.18        | 13.21          | 8.85         | 13.40          | 22.25 |                          |                         |                          |
| Chiclayo Oeste                                                           | 220           | 20.20            | 14.06                | 13.16                | 30.610                |                       | 50.81       | 14.06        | 13.16          | 8.85         | 13.34          | 22.19 |                          |                         |                          |
| Carhuauquero                                                             | 220           | 20.20            | 13.83                | 13.00                | 30.610                |                       | 50.81       | 13.83        | 13.00          | 8.85         | 13.17          | 22.01 |                          |                         |                          |
| Carhuauquero                                                             | 138           | 20.20            | 13.83                | 13.00                | 30.610                |                       | 50.81       | 13.83        | 13.00          | 8.85         | 13.17          | 22.01 |                          |                         |                          |
| Cutervo                                                                  | 220           | 20.20            | 13.84                | 13.00                | 30.610                |                       | 50.81       | 13.84        | 13.00          | 8.85         | 13.17          | 22.02 |                          |                         |                          |
| Jaen                                                                     | 138           | 20.20            | 13.84                | 13.00                | 30.610                |                       | 50.81       | 13.84        | 13.00          | 8.85         | 13.17          | 22.02 |                          |                         |                          |
| Guadalupe                                                                | 220           | 20.20            | 14.04                | 13.14                | 30.610                |                       | 50.81       | 14.04        | 13.14          | 8.85         | 13.32          | 22.17 |                          |                         |                          |
| Guadalupe                                                                | 60            | 20.20            | 14.05                | 13.15                | 30.610                |                       | 50.81       | 14.05        | 13.15          | 8.85         | 13.33          | 22.18 |                          |                         |                          |
| Cajamarca                                                                | 220           | 20.20            | 13.96                | 13.10                | 30.610                |                       | 50.81       | 13.96        | 13.10          | 8.85         | 13.27          | 22.12 |                          |                         |                          |
| Trujillo Norte                                                           | 220           | 20.20            | 13.96                | 13.08                | 30.610                |                       | 50.81       | 13.96        | 13.08          | 8.85         | 13.26          | 22.12 |                          |                         |                          |
| Chimbote 1                                                               | 220           | 20.20            | 13.91                | 13.04                | 30.610                |                       | 50.81       | 13.91        | 13.04          | 8.85         | 13.21          | 22.06 |                          |                         |                          |
| Chimbote 1                                                               | 138           | 20.20            | 13.95                | 13.07                | 30.610                |                       | 50.81       | 13.95        | 13.07          | 8.85         | 13.25          | 22.09 |                          |                         |                          |
| Paramonga Nueva                                                          | 220           | 20.20            | 13.86                | 12.99                | 30.610                |                       | 50.81       | 13.86        | 12.99          | 8.85         | 13.16          | 22.01 |                          |                         |                          |
| Paramonga Nueva                                                          | 138           | 20.20            | 13.86                | 12.99                | 30.610                |                       | 50.81       | 13.86        | 12.99          | 8.85         | 13.16          | 22.01 |                          |                         |                          |
| Paramonga Existente                                                      | 138           | 20.20            | 13.84                | 12.99                | 30.610                |                       | 50.81       | 13.84        | 12.99          | 8.85         | 13.16          | 22.01 |                          |                         |                          |
| Huacho                                                                   | 220           | 20.20            | 13.82                | 12.96                | 30.610                |                       | 50.81       | 13.82        | 12.96          | 8.85         | 13.13          | 21.98 |                          |                         |                          |
| Zapallal                                                                 | 220           | 20.20            | 13.75                | 12.92                | 30.610                |                       | 50.81       | 13.75        | 12.92          | 8.85         | 13.09          | 21.93 |                          |                         |                          |
| Ventanilla                                                               | 220           | 20.20            | 13.75                | 12.94                | 30.610                |                       | 50.81       | 13.75        | 12.94          | 8.85         | 13.10          | 21.95 |                          |                         |                          |
| Lima                                                                     | 220           | 20.20            | 13.73                | 12.98                | 30.610                |                       | 50.81       | 13.73        | 12.98          | 8.85         | 13.13          | 21.98 |                          |                         |                          |
| Cantera                                                                  | 220           | 20.20            | 13.74                | 12.90                | 30.610                |                       | 50.81       | 13.74        | 12.90          | 8.85         | 13.07          | 21.92 |                          |                         |                          |
| Chilca                                                                   | 220           | 20.20            | 13.64                | 12.83                | 30.610                |                       | 50.81       | 13.64        | 12.83          | 8.85         | 12.99          | 21.84 |                          |                         |                          |
| Independencia                                                            | 220           | 20.20            | 13.76                | 12.94                | 30.610                |                       | 50.81       | 13.76        | 12.94          | 8.85         | 13.10          | 21.95 |                          |                         |                          |
| Ica                                                                      | 220           | 20.20            | 13.81                | 12.98                | 30.610                |                       | 50.81       | 13.81        | 12.98          | 8.85         | 13.15          | 21.99 |                          |                         |                          |
| Marcona                                                                  | 220           | 20.20            | 13.89                | 13.01                | 30.610                |                       | 50.81       | 13.89        | 13.01          | 8.85         | 13.19          | 22.03 |                          |                         |                          |
| Mantaro                                                                  | 220           | 20.20            | 13.40                | 12.51                | 30.610                |                       | 50.81       | 13.40        | 12.51          | 8.85         | 12.69          | 21.54 |                          |                         |                          |
| Huayucachi                                                               | 220           | 20.20            | 13.50                | 12.62                | 30.610                |                       | 50.81       | 13.50        | 12.62          | 8.85         | 12.80          | 21.64 |                          |                         |                          |
| Pachachaca                                                               | 220           | 20.20            | 13.69                | 12.75                | 30.610                |                       | 50.81       | 13.69        | 12.75          | 8.85         | 12.94          | 21.79 |                          |                         |                          |
| Pomacocha                                                                | 220           | 20.20            | 13.69                | 12.78                | 30.610                |                       | 50.81       | 13.69        | 12.78          | 8.85         | 12.96          | 21.81 |                          |                         |                          |
| Huancavelica                                                             | 220           | 20.20            | 13.50                | 12.64                | 30.610                |                       | 50.81       | 13.50        | 12.64          | 8.85         | 12.81          | 21.66 |                          |                         |                          |
| Callahuana                                                               | 220           | 20.20            | 13.87                | 12.84                | 30.610                |                       | 50.81       | 13.87        | 12.84          | 8.85         | 13.05          | 21.89 |                          |                         |                          |
| Cajamarquilla                                                            | 220           | 20.20            | 13.82                | 12.94                | 30.610                |                       | 50.81       | 13.82        | 12.94          | 8.85         | 13.12          | 21.96 |                          |                         |                          |
| Huallanca                                                                | 220           | 20.20            | 13.66                | 12.86                | 30.610                |                       | 50.81       | 13.66        | 12.86          | 8.85         | 13.02          | 21.97 |                          |                         |                          |
| Vizcarra                                                                 | 220           | 20.20            | 13.99                | 13.04                | 30.610                |                       | 50.81       | 13.99        | 13.04          | 8.85         | 13.23          | 22.08 |                          |                         |                          |
| Tingo Maria                                                              | 220           | 20.20            | 14.30                | 13.23                | 30.610                |                       | 50.81       | 14.30        | 13.23          | 8.85         | 13.44          | 22.29 |                          |                         |                          |
| Aguyaitia                                                                | 220           | 20.20            | 14.36                | 13.27                | 30.610                |                       | 50.81       | 14.36        | 13.27          | 8.85         | 13.49          | 22.34 |                          |                         |                          |
| Aguyaitia                                                                | 138           | 20.20            | 14.41                | 13.32                | 30.610                |                       | 50.81       | 14.41        | 13.32          | 8.85         | 13.54          | 22.39 |                          |                         |                          |
| Aguyaitia                                                                | 22.9          | 20.20            | 14.39                | 13.29                | 30.610                |                       | 50.81       | 14.39        | 13.29          | 8.85         | 13.51          | 22.36 |                          |                         |                          |
| Pucallpa                                                                 | 138           | 20.20            | 14.90                | 13.66                | 30.610                |                       | 50.81       | 14.90        | 13.66          | 8.85         | 13.91          | 22.76 |                          |                         |                          |
| Pucallpa                                                                 | 60            | 20.20            | 14.92                | 13.68                | 30.610                | 1.5304                | 50.81       | 16.45        | 15.21          | 8.85         | 15.46          | 24.31 |                          |                         |                          |
| Aucayacu                                                                 | 138           | 20.20            | 14.66                | 13.44                | 30.610                |                       | 50.81       | 14.66        | 13.44          | 8.85         | 13.68          | 22.53 |                          |                         |                          |
| Tocache                                                                  | 138           | 20.20            | 15.22                | 13.77                | 30.610                |                       | 50.81       | 15.22        | 13.77          | 8.85         | 14.06          | 22.91 |                          |                         |                          |
| Tingo Maria                                                              | 138           | 20.20            | 14.42                | 13.29                | 30.610                |                       | 50.81       | 14.42        | 13.29          | 8.85         | 13.51          | 22.36 |                          |                         |                          |
| Huánuco                                                                  | 138           | 20.20            | 14.15                | 13.09                | 30.610                |                       | 50.81       | 14.15        | 13.09          | 8.85         | 13.30          | 22.15 |                          |                         |                          |
| Paragsha II                                                              | 138           | 20.20            | 13.78                | 12.86                | 30.610                |                       | 50.81       | 13.78        | 12.86          | 8.85         | 13.04          | 21.89 |                          |                         |                          |
| Paragsha                                                                 | 220           | 20.20            | 13.75                | 12.83                | 30.610                |                       | 50.81       | 13.75        | 12.83          | 8.85         | 13.01          | 21.86 |                          |                         |                          |
| Yaupi                                                                    | 138           | 20.20            | 13.46                | 12.58                | 30.610                |                       | 50.81       | 13.46        | 12.58          | 8.85         | 12.76          | 21.60 |                          |                         |                          |
| Yuncan                                                                   | 138           | 20.20            | 13.57                | 12.68                | 30.610                |                       | 50.81       | 13.57        | 12.68          | 8.85         | 12.86          | 21.71 |                          |                         |                          |
| Yuncan                                                                   | 220           | 20.20            | 13.61                | 12.72                | 30.610                |                       | 50.81       | 13.61        | 12.72          | 8.85         | 12.90          | 21.75 |                          |                         |                          |
| Oroya Nueva                                                              | 220           | 20.20            | 13.70                | 12.77                | 30.610                |                       | 50.81       | 13.70        | 12.77          | 8.85         | 12.96          | 21.80 |                          |                         |                          |
| Oroya Nueva                                                              | 138           | 20.20            | 13.70                | 12.78                | 30.610                |                       | 50.81       | 13.70        | 12.78          | 8.85         | 12.96          | 21.81 |                          |                         |                          |
| Oroya Nueva                                                              | 50            | 20.20            | 13.70                | 12.78                | 30.610                |                       | 50.81       | 13.70        | 12.78          | 8.85         | 12.96          | 21.81 |                          |                         |                          |
| Carhuamayo                                                               | 138           | 20.20            | 13.66                | 12.76                | 30.610                |                       | 50.81       | 13.66        | 12.76          | 8.85         | 12.94          | 21.79 |                          |                         |                          |
| Carhuamayo Nueva                                                         | 220           | 20.20            | 13.70                | 12.79                | 30.610                |                       | 50.81       | 13.70        | 12.79          | 8.85         | 12.97          | 21.82 |                          |                         |                          |
| Carpa                                                                    | 138           | 20.20            | 13.72                | 12.80                | 30.610                |                       | 50.81       | 13.72        | 12.80          | 8.85         | 12.98          | 21.83 |                          |                         |                          |
| Desierto                                                                 | 220           | 20.20            | 13.74                | 12.93                | 30.610                |                       | 50.81       | 13.74        | 12.93          | 8.85         | 13.09          | 21.94 |                          |                         |                          |
| Condorcocha                                                              | 138           | 20.20            | 13.75                | 12.82                | 30.610                |                       | 50.81       | 13.75        | 12.82          | 8.85         | 13.01          | 21.85 |                          |                         |                          |
| Condorcocha                                                              | 44            | 20.20            | 13.75                | 12.81                | 30.610                |                       | 50.81       | 13.75        | 12.81          | 8.85         | 13.01          | 21.85 |                          |                         |                          |
| Machupicchu                                                              | 138           | 20.20            | 14.14                | 12.90                | 30.610                |                       | 50.81       | 14.14        | 12.90          | 8.85         | 13.15          | 22.00 |                          |                         |                          |
| Cachimayo                                                                | 138           | 20.20            | 14.54                | 13.26                | 30.610                |                       | 50.81       | 14.54        | 13.26          | 8.85         | 13.51          | 22.36 |                          |                         |                          |
| Cusco                                                                    | 138           | 20.20            | 14.56                | 13.27                | 30.610                |                       | 50.81       | 14.56        | 13.27          | 8.85         | 13.53          | 22.38 |                          |                         |                          |
| Comabampá                                                                | 138           | 20.20            | 14.57                | 13.40                | 30.610                |                       | 50.81       | 14.57        | 13.40          | 8.85         | 13.63          | 22.48 |                          |                         |                          |
| Chivay                                                                   | 138           | 20.20            | 14.54                | 13.26                | 30.610                |                       | 50.81       | 14.54        | 13.26          | 8.85         | 13.71          | 22.45 |                          |                         |                          |
| Yayoi                                                                    | 138           | 20.20            | 14.28                | 13.27                | 30.610                |                       | 50.81       | 14.28        | 13.27          | 8.85         | 13.47          | 22.32 |                          |                         |                          |
| Azángaro                                                                 | 138           | 20.20            | 14.12                | 13.12                | 30.610                |                       | 50.81       | 14.12        | 13.12          | 8.85         | 13.32          | 22.17 |                          |                         |                          |
| San Gabán                                                                | 138           | 20.20            | 13.59                | 12.67                | 30.610                |                       | 50.81       | 13.59        | 12.67          | 8.85         | 12.85          | 21.70 |                          |                         |                          |
| Mazuco                                                                   | 138           | 20.20            | 13.71                | 12.75                | 30.610                |                       | 50.81       | 13.71        | 12.75          | 8.85         | 12.94          | 21.79 |                          |                         |                          |
| San Martín Maldonado                                                     | 138           | 20.20            | 14.05                | 13.03                | 30.610                |                       | 50.81       | 14.05        | 13.03          | 8.85         | 13.17          | 22.02 |                          |                         |                          |
| Julica                                                                   | 138           | 20.20            | 14.28                | 13.30                | 30.610                |                       | 50.81       | 14.28        | 13.30          | 8.85         | 13.50          | 22.34 |                          |                         |                          |
| Puno                                                                     | 138           | 20.20            | 14.31                | 13.32                | 30.610                |                       | 50.81       | 14.31        | 13.32          | 8.85         | 13.52          | 22.37 |                          |                         |                          |
| Puno                                                                     | 220           | 20.20            | 14.29                | 13.29                | 30.610                |                       | 50.81       | 14.29        | 13.29          | 8.85         | 13.49          | 22.34 |                          |                         |                          |
| Callalli                                                                 | 138           | 20.20            | 14.42                | 13.50                | 30.610                |                       | 50.81       | 14.42        | 13.50          | 8.85         | 13.68          | 22.53 |                          |                         |                          |
| Chilca                                                                   | 138           | 20.20            | 14.29                | 13.29                | 30.610                |                       | 50.81       | 14.29        | 13.28          | 8.85         | 13.56          | 22.41 |                          |                         |                          |
| Arequipa                                                                 | 138           | 20.20            | 14.34                | 13.39                | 30.610                |                       | 50.81       | 14.34        | 13.39          | 8.85         | 13.68          | 22.58 |                          |                         |                          |
| Scobayba                                                                 | 220           | 20.20            | 14.34                | 13.38                | 30.610                |                       | 50.81       | 14.34        | 13.38          | 8.85         | 13.57          | 22.42 |                          |                         |                          |
| Cerro Verde                                                              | 138           | 20.20            | 14.38                | 13.42                | 30.610                |                       | 50.81       | 14.38        | 13.42          | 8.85         | 13.61          | 22.46 |                          |                         |                          |
| Repatriación                                                             | 138           | 20.20            | 14.43                | 13.45                | 30.610                |                       | 50.81       | 14.43        | 13.45          | 8.85         | 13.65          | 22.49 |                          |                         |                          |
| Chivay                                                                   | 138           | 20.20            | 14.50                | 13.43                | 30.610                |                       | 50.81       | 14.50        | 13.45          | 8.85         | 13.69          | 22.54 |                          |                         |                          |
| Montalvo                                                                 | 220           | 20.20            | 14.20                | 13.26                | 30.610                |                       | 50.81       | 14.20        | 13.26          | 8.85         | 13.45          | 22.30 |                          |                         |                          |
| Montalvo                                                                 | 138           | 20.20            | 14.21                | 13.27                | 30.610                |                       | 50.81       | 14.21        | 13.27          | 8.85         | 13.46          | 22.31 |                          |                         |                          |
| Ilo ELP                                                                  | 138           | 20.20            | 14.39                | 13.42                | 30.610                |                       | 50.81       | 14.39        | 13.42          | 8.85         | 13.61          | 22.46 |                          |                         |                          |
| Bofitica                                                                 | 138           | 20.20            | 14.30                | 13.37                | 30.610                |                       | 50.81       | 14.30        | 13.37          | 8.85         | 13.56          | 22.40 |                          |                         |                          |
| Chivay                                                                   | 138           | 20.20            | 14.29                | 13.29                | 30.610                |                       | 50.81       | 14.29        | 13.29          | 8.85         | 13.55          | 22.49 |                          |                         |                          |
| Arica                                                                    | 138           | 20.20            | 14.19                | 13.33                | 30.610                |                       | 50.81       | 14.19        | 13.33          | 8.85         | 13.50          | 22.35 |                          |                         |                          |
| Arica                                                                    | 66            | 20.20            | 14.13                | 13.30                | 30.610                | 0.4331                | 50.81       | 14.56        | 13.73          | 8.85         | 13.90          | 22.74 |                          |                         |                          |
| Tacna (Los Héroes)                                                       | 220           | 20.20            | 14.32                | 13.35                | 30.610                |                       | 50.81       | 14.32        | 13.35          | 8.85         | 13.54          | 22.39 |                          |                         |                          |
| Tacna (Los Héroes)                                                       | 66            | 20.20            | 14.44                | 13.42                | 30.610                | 0.4331                | 50.81       | 14.87        | 13.85          | 8.85         | 14.05          | 22.90 |                          |                         |                          |
| Tacna (Los Héroes)                                                       | 138           | 20.20            | 14.04                | 13.11                | 30.610                |                       | 50.81       | 14.04        | 13.11          | 8.85</       |                |       |                          |                         |                          |

## PRECIO A NIVEL DE GENERACIÓN

VALORES BASE DEL PNG (Res. 010-2016-OS/CD)  
FIJACIÓN AL 04/02/2015

ACTUALIZADO AL 04/abril/2016 CON REDONDEO

| TENSIÓN                                                                  |            |             |            |             | TENSIÓN             |            |             |            |             | Potencia |            |             | Energía |            |             | Promedio       |             |               |             |             |             |             |             |
|--------------------------------------------------------------------------|------------|-------------|------------|-------------|---------------------|------------|-------------|------------|-------------|----------|------------|-------------|---------|------------|-------------|----------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|
| KV                                                                       | PPMo       |             | PEMPo      |             | KV                  | PPM        |             | PEMP       |             | PMF      | PCST       |             | CPSEE   | (PPM+PCST) |             | (PEMP + CPSEE) |             | (PMF + CPSEE) |             | ctm. S./KWh | ctm. S./KWh | ctm. S./KWh | ctm. S./KWh |
|                                                                          | S./AWH-mes | ctm. S./AWH | S./AWH-mes | ctm. S./AWH |                     | S./AWH-mes | ctm. S./AWH | S./AWH-mes | ctm. S./AWH |          | S./AWH-mes | ctm. S./AWH |         | S./AWH-mes | ctm. S./AWH | S./AWH-mes     | ctm. S./AWH | S./AWH-mes    | ctm. S./AWH |             |             |             |             |
| Sistema Eléctrico Interconectado Nacional (SEIN) - Res. Barra (Cuadro 1) |            |             |            |             |                     |            |             |            |             |          |            |             |         |            |             |                |             |               |             |             |             |             |             |
| Zorritos                                                                 | 220        | 21.53       | 19.12      | 15.40       | Zorritos            | 220        | 20.32       | 18.05      | 14.54       | 30.610   |            |             |         | 50.930     | 18.05       | 14.54          | 8.87        | 15.24         | 24.11       |             |             |             |             |
| Talara                                                                   | 220        | 21.53       | 19.03      | 15.34       | Talara              | 220        | 20.32       | 17.96      | 14.48       | 30.610   |            |             |         | 50.930     | 17.96       | 14.48          | 8.87        | 15.17         | 24.04       |             |             |             |             |
| Piura Oeste                                                              | 220        | 21.53       | 19.07      | 15.38       | Piura Oeste         | 220        | 20.32       | 18.00      | 14.52       | 30.610   |            |             |         | 50.930     | 18.00       | 14.52          | 8.87        | 15.21         | 24.08       |             |             |             |             |
| Chiclayo Oeste                                                           | 220        | 21.53       | 18.91      | 15.32       | Chiclayo Oeste      | 220        | 20.32       | 17.85      | 14.46       | 30.610   |            |             |         | 50.930     | 17.85       | 14.46          | 8.87        | 15.13         | 24.00       |             |             |             |             |
| Carhuasuero                                                              | 220        | 21.53       | 18.60      | 15.12       | Carhuasuero         | 220        | 20.32       | 17.56      | 14.27       | 30.610   |            |             |         | 50.930     | 17.56       | 14.27          | 8.87        | 14.92         | 23.79       |             |             |             |             |
| Carhuasuero                                                              | 138        | 21.53       | 18.60      | 15.12       | Carhuasuero         | 138        | 20.32       | 17.56      | 14.27       | 30.610   |            |             |         | 50.930     | 17.56       | 14.27          | 8.87        | 14.92         | 23.79       |             |             |             |             |
| Cutervo                                                                  | 138        | 21.53       | 18.62      | 15.13       | Cutervo             | 138        | 20.32       | 17.58      | 14.28       | 30.610   |            |             |         | 50.930     | 17.58       | 14.28          | 8.87        | 14.94         | 23.81       |             |             |             |             |
| Jaen                                                                     | 138        | 21.53       | 18.62      | 15.13       | Jaen                | 138        | 20.32       | 17.58      | 14.28       | 30.610   |            |             |         | 50.930     | 17.58       | 14.28          | 8.87        | 14.94         | 23.81       |             |             |             |             |
| Guadalupe                                                                | 220        | 21.53       | 18.87      | 15.30       | Guadalupe           | 220        | 20.32       | 17.81      | 14.44       | 30.610   |            |             |         | 50.930     | 17.81       | 14.44          | 8.87        | 15.11         | 23.98       |             |             |             |             |
| Guadalupe                                                                | 60         | 21.53       | 18.89      | 15.31       | Guadalupe           | 60         | 20.32       | 17.83      | 14.45       | 30.610   |            |             |         | 50.930     | 17.83       | 14.45          | 8.87        | 15.12         | 23.99       |             |             |             |             |
| Cajamarca                                                                | 220        | 21.53       | 18.78      | 15.25       | Cajamarca           | 220        | 20.32       | 17.73      | 14.39       | 30.610   |            |             |         | 50.930     | 17.73       | 14.39          | 8.87        | 15.05         | 23.92       |             |             |             |             |
| Trujillo Norte                                                           | 220        | 21.53       | 18.78      | 15.23       | Trujillo Norte      | 220        | 20.32       | 17.73      | 14.38       | 30.610   |            |             |         | 50.930     | 17.73       | 14.38          | 8.87        | 15.05         | 23.92       |             |             |             |             |
| Chimbote 1                                                               | 220        | 21.53       | 18.72      | 15.17       | Chimbote 1          | 220        | 20.32       | 17.67      | 14.32       | 30.610   |            |             |         | 50.930     | 17.67       | 14.32          | 8.87        | 14.99         | 23.86       |             |             |             |             |
| Chimbote 1                                                               | 138        | 21.53       | 18.76      | 15.21       | Chimbote 1          | 138        | 20.32       | 17.71      | 14.36       | 30.610   |            |             |         | 50.930     | 17.71       | 14.36          | 8.87        | 15.03         | 23.90       |             |             |             |             |
| Paramonga Nueva                                                          | 220        | 21.53       | 18.64      | 15.11       | Paramonga Nueva     | 220        | 20.32       | 17.59      | 14.26       | 30.610   |            |             |         | 50.930     | 17.59       | 14.26          | 8.87        | 14.92         | 23.79       |             |             |             |             |
| Paramonga Nueva                                                          | 138        | 21.53       | 18.63      | 15.11       | Paramonga Nueva     | 138        | 20.32       | 17.58      | 14.26       | 30.610   |            |             |         | 50.930     | 17.58       | 14.26          | 8.87        | 14.92         | 23.79       |             |             |             |             |
| Paramonga Existente                                                      | 138        | 21.53       | 18.61      | 15.11       | Paramonga Existente | 138        | 20.32       | 17.57      | 14.26       | 30.610   |            |             |         | 50.930     | 17.57       | 14.26          | 8.87        | 14.92         | 23.79       |             |             |             |             |
| Huacho                                                                   | 220        | 21.53       | 18.58      | 15.07       | Huacho              | 220        | 20.32       | 17.54      | 14.22       | 30.610   |            |             |         | 50.930     | 17.54       | 14.22          | 8.87        | 14.88         | 23.75       |             |             |             |             |
| Zapallal                                                                 | 220        | 21.53       | 18.49      | 15.02       | Zapallal            | 220        | 20.32       | 17.45      | 14.18       | 30.610   |            |             |         | 50.930     | 17.45       | 14.18          | 8.87        | 14.83         | 23.70       |             |             |             |             |
| Ventanilla                                                               | 220        | 21.53       | 18.49      | 15.05       | Ventanilla          | 220        | 20.32       | 17.45      | 14.21       | 30.610   |            |             |         | 50.930     | 17.45       | 14.21          | 8.87        | 14.85         | 23.72       |             |             |             |             |
| Lima                                                                     | 220        | 21.53       | 18.46      | 15.10       | Lima                | 220        | 20.32       | 17.42      | 14.25       | 30.610   |            |             |         | 50.930     | 17.42       | 14.25          | 8.87        | 14.88         | 23.75       |             |             |             |             |
| Cantera                                                                  | 220        | 21.53       | 18.47      | 15.00       | Cantera             | 220        | 20.32       | 17.43      | 14.16       | 30.610   |            |             |         | 50.930     | 17.43       | 14.16          | 8.87        | 14.81         | 23.68       |             |             |             |             |
| Chilca                                                                   | 220        | 21.53       | 18.33      | 14.92       | Chilca              | 220        | 20.32       | 17.30      | 14.08       | 30.610   |            |             |         | 50.930     | 17.30       | 14.08          | 8.87        | 14.72         | 23.59       |             |             |             |             |
| Independencia                                                            | 220        | 21.53       | 18.50      | 15.05       | Independencia       | 220        | 20.32       | 17.46      | 14.21       | 30.610   |            |             |         | 50.930     | 17.46       | 14.21          | 8.87        | 14.86         | 23.73       |             |             |             |             |
| Ica                                                                      | 220        | 21.53       | 18.57      | 15.10       | Ica                 | 220        | 20.32       | 17.53      | 14.25       | 30.610   |            |             |         | 50.930     | 17.53       | 14.25          | 8.87        | 14.90         | 23.77       |             |             |             |             |
| Marcona                                                                  | 220        | 21.53       | 18.68      | 15.14       | Marcona             | 220        | 20.32       | 17.63      | 14.29       | 30.610   |            |             |         | 50.930     | 17.63       | 14.29          | 8.87        | 14.95         | 23.82       |             |             |             |             |
| Montaró                                                                  | 220        | 21.53       | 17.99      | 14.54       | Montaró             | 220        | 20.32       | 16.98      | 13.72       | 30.610   |            |             |         | 50.930     | 16.98       | 13.72          | 8.87        | 14.37         | 23.24       |             |             |             |             |
| Huayucachi                                                               | 220        | 21.53       | 18.13      | 14.67       | Huayucachi          | 220        | 20.32       | 17.11      | 13.85       | 30.610   |            |             |         | 50.930     | 17.11       | 13.85          | 8.87        | 14.50         | 23.37       |             |             |             |             |
| Pachachaca                                                               | 220        | 21.53       | 18.40      | 14.82       | Pachachaca          | 220        | 20.32       | 17.37      | 13.99       | 30.610   |            |             |         | 50.930     | 17.37       | 13.99          | 8.87        | 14.66         | 23.53       |             |             |             |             |
| Pomacocha                                                                | 220        | 21.53       | 18.40      | 14.85       | Pomacocha           | 220        | 20.32       | 17.37      | 14.02       | 30.610   |            |             |         | 50.930     | 17.37       | 14.02          | 8.87        | 14.69         | 23.56       |             |             |             |             |
| Huancavelica                                                             | 220        | 21.53       | 18.14      | 14.68       | Huancavelica        | 220        | 20.32       | 17.12      | 13.86       | 30.610   |            |             |         | 50.930     | 17.12       | 13.86          | 8.87        | 14.51         | 23.38       |             |             |             |             |
| Callahuanc                                                               | 220        | 21.53       | 18.66      | 14.93       | Callahuanc          | 220        | 20.32       | 17.61      | 14.09       | 30.610   |            |             |         | 50.930     | 17.61       | 14.09          | 8.87        | 14.79         | 23.66       |             |             |             |             |
| Cajamarquilla                                                            | 220        | 21.53       | 18.59      | 15.05       | Cajamarquilla       | 220        | 20.32       | 17.55      | 14.21       | 30.610   |            |             |         | 50.930     | 17.55       | 14.21          | 8.87        | 14.87         | 23.74       |             |             |             |             |
| Huallanca                                                                | 138        | 21.53       | 18.36      | 14.95       | Huallanca           | 138        | 20.32       | 17.33      | 14.11       | 30.610   |            |             |         | 50.930     | 17.33       | 14.11          | 8.87        | 14.75         | 23.62       |             |             |             |             |
| Vizcarra                                                                 | 220        | 21.53       | 18.82      | 15.17       | Vizcarra            | 220        | 20.32       | 17.76      | 14.32       | 30.610   |            |             |         | 50.930     | 17.76       | 14.32          | 8.87        | 15.00         | 23.87       |             |             |             |             |
| Tingo María                                                              | 220        | 21.53       | 19.24      | 15.40       | Tingo María         | 220        | 20.32       | 18.16      | 14.54       | 30.610   |            |             |         | 50.930     | 18.16       | 14.54          | 8.87        | 15.26         | 24.13       |             |             |             |             |
| Aguaytia                                                                 | 220        | 21.53       | 19.32      | 15.45       | Aguaytia            | 220        | 20.32       | 18.24      | 14.58       | 30.610   |            |             |         | 50.930     | 18.24       | 14.58          | 8.87        | 15.31         | 24.18       |             |             |             |             |
| Aguaytia                                                                 | 138        | 21.53       | 19.39      | 15.50       | Aguaytia            | 138        | 20.32       | 18.30      | 14.63       | 30.610   |            |             |         | 50.930     | 18.30       | 14.63          | 8.87        | 15.36         | 24.23       |             |             |             |             |
| Aguaytia                                                                 | 22.9       | 21.53       | 19.35      | 15.48       | Aguaytia            | 22.9       | 20.32       | 18.27      | 14.61       | 30.610   |            |             |         | 50.930     | 18.27       | 14.61          | 8.87        | 15.34         | 24.21       |             |             |             |             |
| Pucallpa                                                                 | 138        | 21.53       | 20.06      | 15.91       | Pucallpa            | 138        | 20.32       | 18.93      | 15.02       | 30.610   |            |             |         | 50.930     | 18.93       | 15.02          | 8.87        | 15.80         | 24.67       |             |             |             |             |
| Pucallpa                                                                 | 60         | 21.53       | 20.09      | 15.94       | Pucallpa            | 60         | 20.32       | 18.96      | 15.05       | 30.610   |            |             | 1.5304  | 50.930     | 20.49       | 16.58          | 8.87        | 17.36         | 26.23       |             |             |             |             |
| Aucayacu                                                                 | 138        | 21.53       | 19.73      | 15.65       | Aucayacu            | 138        | 20.32       | 18.62      | 14.77       | 30.610   |            |             |         | 50.930     | 18.62       | 14.77          | 8.87        | 15.54         | 24.41       |             |             |             |             |
| Tocache                                                                  | 138        | 21.53       | 20.51      | 16.05       | Tocache             | 138        | 20.32       | 19.36      | 15.15       | 30.610   |            |             |         | 50.930     | 19.36       | 15.15          | 8.87        | 15.99         | 24.86       |             |             |             |             |
| Tingo María                                                              | 138        | 21.53       | 19.40      | 15.48       | Tingo María         | 138        | 20.32       | 18.31      | 14.61       | 30.610   |            |             |         | 50.930     | 18.31       | 14.61          | 8.87        | 15.35         | 24.22       |             |             |             |             |
| Huánuco                                                                  | 138        | 21.53       | 19.02      | 15.23       | Huánuco             | 138        | 20.32       | 18.27      | 14.58       | 30.610   |            |             |         | 50.930     | 17.95       | 14.38          | 8.87        | 15.09         | 23.96       |             |             |             |             |
| Paragsha II                                                              | 138        | 21.53       | 18.53      | 14.95       | Paragsha II         | 138        | 20.32       | 17.49      | 14.11       | 30.610   |            |             |         | 50.930     | 17.49       | 14.11          | 8.87        | 14.78         | 23.65       |             |             |             |             |
| Paragsha                                                                 | 220        | 21.53       | 18.49      | 14.92       | Paragsha            | 220        | 20.32       | 17.45      | 14.08       | 30.610   |            |             |         | 50.930     | 17.45       | 14.08          | 8.87        | 14.75         | 23.62       |             |             |             |             |
| Yaupi                                                                    | 138        | 21.53       | 18.08      | 14.62       | Yaupi               | 138        | 20.32       | 17.07      | 13.80       | 30.610   |            |             |         | 50.930     | 17.07       | 13.80          | 8.87        | 14.45         | 23.32       |             |             |             |             |
| Yuncan                                                                   | 138        | 21.53       | 18.23      | 14.73       | Yuncan              | 138        | 20.32       | 17.21      | 13.90       | 30.610   |            |             |         | 50.930     | 17.21       | 13.90          | 8.87        | 14.56         | 23.43       |             |             |             |             |
| Yuncan                                                                   | 220        | 21.53       | 18.30      | 14.78       | Yuncan              | 220        | 20.32       | 17.27      | 13.95       | 30.610   |            |             |         | 50.930     | 17.27       | 13.95          | 8.87        | 14.61         | 23.48       |             |             |             |             |
| Oroya Nueva                                                              | 220        | 21.53       | 18.42      | 14.85       | Oroya Nueva         | 220        | 20.32       | 17.39      | 14.02       | 30.610   |            |             |         | 50.930     | 17.39       | 14.02          | 8.87        | 14.68         | 23.56       |             |             |             |             |
| Oroya Nueva                                                              | 138        | 21.53       | 18.42      | 14.86       | Oroya Nueva         | 138        | 20.32       | 17.39      | 14.03       | 30.610   |            |             |         | 50.930     | 17.39       | 14.03          | 8.87        | 14.70         | 23.57       |             |             |             |             |
| Oroya Nueva                                                              | 50         | 21.53       | 18.42      | 14.85       | Oroya Nueva         | 50         | 20.32       | 17.39      | 14.02       | 30.610   |            |             |         | 50.930     | 17.39       | 14.02          | 8.87        | 14.69         | 23.56       |             |             |             |             |
| Carhuamayo                                                               | 138        | 21.53       | 18.36      | 14.83       | Carhuamayo          | 138        | 20.32       | 17.33      | 14.00       | 30.610   |            |             |         | 50.930     | 17.33       | 14.00          | 8.87        | 14.66         | 23.53       |             |             |             |             |
| Carhuamayo Nueva                                                         | 220        | 21.53       | 18.41      | 14.87       | Carhuamayo Nueva    | 220        | 20.32       | 17.38      | 14.04       | 30.610   |            |             |         | 50.930     | 17.38       | 14.04          | 8.87        | 14.70         | 23.57       |             |             |             |             |
| Caripa                                                                   |            |             |            |             |                     |            |             |            |             |          |            |             |         |            |             |                |             |               |             |             |             |             |             |

## PEAJES DE CONEXIÓN AL SISTEMA PRINCIPAL DE TRANSMISIÓN (PCSPT)

Actualizado al 04/abril/2016 con redondeo

| Sistema de Transmisión                                                                    |                                                                     | PCSPT + PTSPT (S/./kW-mes) |         |             |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------|---------|-------------|
|                                                                                           |                                                                     | Valor Base (Res. Barra)    | FAPCSPT | Actualizado |
| SPT de REP                                                                                |                                                                     | 2.116                      | 1.0746  | 2.274       |
| SPT de San Gabán                                                                          |                                                                     | 0.004                      | 1.0446  | 0.004       |
| SPT de Antamina                                                                           |                                                                     | 0.006                      | 1.0460  | 0.006       |
| SPT de Eteselva                                                                           |                                                                     | 0.144                      | 1.0164  | 0.146       |
| SPT de Redesur                                                                            |                                                                     | 0.641                      | 1.0746  | 0.689       |
| SPT de Transmataro (Contrato BOOT, Addendum N° 5 y Addendum N° 10)                        |                                                                     | 1.736                      | 1.0746  | 1.866       |
| SPT de Transmataro (Addendum N° 8)                                                        |                                                                     | 0.559                      | 1.0746  | 0.601       |
| SPT de ISA (contrato BOOT, ampliación 1 y 2)                                              |                                                                     | 0.493                      | 1.0746  | 0.530       |
| SGT Línea Chilca -Zapallal (Tramos 1 y 2)                                                 |                                                                     | 0.473                      | 1.0746  | 0.508       |
| SGT Líneas Carhuamayo - Cajamarca 220 kV<br>(Tramos 1, 2, 3 y4) y SVC-Cajamarca           | LT 220 kV Carhuauquero-Paragsha y subestaciones asociadas – Tramo 1 | 0.074                      | 1.0746  | 0.080       |
|                                                                                           | L.T. Paragsha-Conococha y subestaciones asociadas – Tramo 2         | 0.101                      | 1.0746  | 0.109       |
|                                                                                           | Ampliación de la Subestación Cajamarca 220 kV – SVC                 | 0.083                      | 1.0746  | 0.089       |
|                                                                                           | LT 220 kV Conococha-Huallanca y subestaciones asociadas – Tramo 3   | 0.191                      | 1.0746  | 0.205       |
|                                                                                           | LT 220 kV Huallanca-Cajamarca y subestaciones asociadas - Tramo 4   | 0.356                      | 1.0746  | 0.383       |
| SGT Línea Talara Piura 220 kV (2do circuito)                                              |                                                                     | 0.103                      | 1.0746  | 0.111       |
| SGT Línea Zapallal – Trujillo 500 kV                                                      |                                                                     | 1.168                      | 1.0746  | 1.255       |
| SGT Línea Pomacocha - Carhuamayo 220 kV                                                   |                                                                     | 0.111                      | 1.0746  | 0.119       |
| SGT Línea Socabaya - Tintaya 220 kV                                                       |                                                                     | 0.325                      | 1.0746  | 0.349       |
| SGT Línea Chilca – Marcona –Montalvo 500                                                  |                                                                     | 2.046                      | 1.0746  | 2.199       |
| Compensación en serie de Línea Chilca –                                                   |                                                                     | 0.081                      | 1.0746  | 0.087       |
| Doble barra en subestación Montalvo (1)                                                   |                                                                     | 0.004                      | 1.0746  | 0.004       |
| SGT línea Trujillo - Chiclayo 500 KV                                                      |                                                                     | 0.830                      | 1.0746  | 0.892       |
| SGT Línea Machupicchu - Abancay - Cotaruse 220 kV                                         |                                                                     | 0.490                      | 1.0746  | 0.527       |
| Cargo Unitario por Compensación por<br>Seguridad de Suministro (3)                        | No RF                                                               | 0.179                      | 1.0565  | 0.189       |
|                                                                                           | RF de Talara                                                        | 0.814                      | 1.1327  | 0.922       |
|                                                                                           | RF de Ilo                                                           | 1.838                      | 1.1714  | 2.153       |
|                                                                                           | RF de Pucallpa                                                      | 0.202                      | 0.0000  | 0.000       |
|                                                                                           | RF de Puerto Maldonado                                              | 0.116                      | 0.0000  | 0.000       |
|                                                                                           | RF de Puerto Eten                                                   | 0.840                      | 1.7929  | 1.506       |
| Cargo Unitario por CVOA-CMg                                                               |                                                                     | 0.666                      | 3.8775  | 2.582       |
| Cargo Unitario por CVOA-RSC                                                               |                                                                     | 0.000                      | 0.0000  | 0.000       |
| Cargo por Prima                                                                           | Cogeneración Paramonga                                              | 0.101                      | 0.7723  | 0.078       |
|                                                                                           | C.H. Santa Cruz II                                                  | 0.057                      | 1.4035  | 0.080       |
|                                                                                           | C.H. Santa Cruz I                                                   | 0.051                      | 1.5098  | 0.077       |
|                                                                                           | C.H. Poechos 2                                                      | 0.085                      | 1.5176  | 0.129       |
|                                                                                           | C.H. Roncador                                                       | 0.048                      | 0.2708  | 0.013       |
|                                                                                           | C.H. Carhuauquero IV                                                | 0.151                      | 1.6159  | 0.244       |
|                                                                                           | C.H. Caña Brava                                                     | 0.034                      | 2.2941  | 0.078       |
|                                                                                           | C.H. La Joya                                                        | 0.109                      | 0.8991  | 0.098       |
|                                                                                           | C.T. Huaycoloro                                                     | 0.115                      | 1.2870  | 0.148       |
|                                                                                           | C. H. Purmacana                                                     | 0.004                      | 1.0000  | 0.004       |
|                                                                                           | C.H. Huasahuasi I                                                   | 0.078                      | 1.4615  | 0.114       |
|                                                                                           | C.H. Huasahuasi II                                                  | 0.076                      | 1.4868  | 0.113       |
|                                                                                           | C.H. Nuevo Imperial                                                 | 0.040                      | 1.4250  | 0.057       |
|                                                                                           | CS Repartición Solar 20T                                            | 0.343                      | 1.2682  | 0.435       |
|                                                                                           | CS Majes Solar 20T                                                  | 0.344                      | 1.2674  | 0.436       |
|                                                                                           | CS Tacna Solar 20T                                                  | 0.406                      | 0.8153  | 0.331       |
|                                                                                           | CS Panamericana Solar 20T                                           | 0.433                      | 1.1824  | 0.512       |
|                                                                                           | C.H. Yanapampa                                                      | 0.043                      | 0.6977  | 0.030       |
|                                                                                           | C.H. Las Pizaras                                                    | 0.170                      | 1.3118  | 0.223       |
|                                                                                           | C.E. Marcona                                                        | 0.305                      | 1.1770  | 0.359       |
|                                                                                           | C.E. Talara                                                         | 0.612                      | 1.2794  | 0.783       |
|                                                                                           | C.E. Cupisnique                                                     | 1.489                      | 1.2485  | 1.859       |
|                                                                                           | C.H. Runatullo III                                                  | 0.269                      | 0.9703  | 0.261       |
|                                                                                           | C.H. Runatullo II                                                   | 0.161                      | 1.3851  | 0.223       |
|                                                                                           | CSF Moquegua FV                                                     | 0.250                      | 1.2680  | 0.317       |
|                                                                                           | C.H. Canchayllo                                                     | 0.043                      | 1.0930  | 0.047       |
| Cargo Unitario por FISE                                                                   |                                                                     | 0.420                      | 1.1333  | 0.476       |
| Cargo Unitario por CASEsi                                                                 |                                                                     | 1.194                      | 1.0000  | 1.194       |
| Cargo Unitario por CASEge                                                                 |                                                                     | 0.316                      | 1.1899  | 0.376       |
| Cargo Unitario por Generación Adicional (6)                                               | Usuarios Regulados                                                  | 0.0950                     | 0.7579  | 0.072       |
| Cargo Unitario por CMJ-ens                                                                |                                                                     | 0.2540                     | 0.9370  | 0.238       |
| Cargo Unitario por CMJ-sg                                                                 |                                                                     | 0.1590                     | 0.9371  | 0.149       |
| Cargo Unitario por Compensación de la Confiabilidad en la Cadena de Suministro de Energía |                                                                     | 0.3100                     | 2.1644  | 0.671       |

**PCSPT = 30.610**

## PEAJES DE CONEXIÓN A LOS SISTEMAS SECUNDARIOS DE TRANSMISIÓN (SST)

Actualizado al 04/abril/2016 con redondeo

PEAJE ACUMULADO EN MT POR ÁREA DE DEMANDA (ctm. \$/kWh)

| Área Demanda | GENERADORAS           | DISTRIBUIDORAS         | Actualizado |
|--------------|-----------------------|------------------------|-------------|
| 1            | ELP, REP              | ADIL, ELNO             | 1.3763      |
| 2            | REP, DEPO             | ADIL, ELN              | 2.2164      |
| 3            | ETEN, REP             | CHAV, ELNM             | 1.4623      |
| 4            | GSM                   | ELOR                   | 3.4922      |
| 5            | REP, CAND, CONE, ELAN | ADIL, ELC, ELP         | 2.8362      |
| 6            | REP, CAHU             | ADIL, EDLN, ELNM       | 1.5209      |
| 7            | REP                   | EDCA, LDS              | 0.9689      |
| 8            | ISA, REP              | ADIL, COEL, ELSM, SEAL | 2.4137      |
| 9            | CONE, EGAS, REP       | ELS, SEAL              | 1.4453      |
| 10           | EGEM, REP             | ELSE                   | 2.1967      |
| 11           | REP                   | ELPU                   | 2.1195      |
| 12           | ENER, SOUT            | ELS                    | 1.8274      |
| 13           | EGES                  | ELS                    | 1.1705      |
| 14           |                       | ELUC                   | 0.8025      |
| 15           | REP                   |                        | 0.2074      |

PEAJE EN MT POR ÁREA DE DEMANDA (ctm. \$/kWh)

| Área de Demanda | Titular              | Valor Base                  | Factor de Actualización | Valor Actualizado (Art. 1ro.) | Liquidación (Art. 2do.)  | Peaje (Art. 1ro +2do.)   |
|-----------------|----------------------|-----------------------------|-------------------------|-------------------------------|--------------------------|--------------------------|
|                 |                      | Acumulado en MT Ctm. \$/kWh |                         | Acumulado MT Actualizado      | Acumulado MT Actualizado | Acumulado MT Actualizado |
| 1               | ADINELSA             | 0.0831                      | 1.0972                  | 0.0912                        | 0.0068                   | 0.0980                   |
|                 | ELECTRONOROESTE      | 0.8109                      | 1.0972                  | 0.8897                        | 0.0830                   | 0.9727                   |
|                 | ELECTROPERÚ          | 0.0110                      | 1.0972                  | 0.0121                        | 0.0009                   | 0.0130                   |
|                 | REP                  | 0.2451                      | 1.0972                  | 0.2689                        | 0.0237                   | 0.2926                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.1501</b>               |                         | <b>1.2619</b>                 | <b>0.1144</b>            | <b>1.3763</b>            |
| 2               | ADINELSA             | 0.1684                      | 1.0848                  | 0.1827                        | 0.0329                   | 0.2156                   |
|                 | DEPOLTI              | 0.2681                      | 1.0848                  | 0.2908                        | 0.0397                   | 0.3305                   |
|                 | ELECTRONORTE         | 0.8746                      | 1.0848                  | 0.9488                        | 0.3288                   | 1.2776                   |
|                 | ELECTRO ORIENTE      | 0.1106                      | 1.0848                  | 0.1200                        | 0.0052                   | 0.1252                   |
|                 | REP                  | 0.1927                      | 1.0848                  | 0.2090                        | 0.0585                   | 0.2675                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.6144</b>               |                         | <b>1.7513</b>                 | <b>0.4651</b>            | <b>2.2164</b>            |
| 3               | CHAVIMOCHIC          | 0.0062                      | 1.0803                  | 0.0067                        | 0.0012                   | 0.0079                   |
|                 | CONENHUA             | 0.0120                      | 1.0803                  | 0.0130                        | 0.0030                   | 0.0160                   |
|                 | <b>CTA</b>           | <b>0.0133</b>               | <b>1.0608</b>           | <b>0.0141</b>                 | <b>0.0051</b>            | <b>0.0192</b>            |
|                 | ETENORTE             | 0.0363                      | 1.0803                  | 0.0392                        | 0.0067                   | 0.0459                   |
|                 | HIDRANDINA           | 0.8820                      | 1.0803                  | 0.9528                        | 0.1966                   | 1.1494                   |
|                 | REP                  | 0.1632                      | 1.0803                  | 0.1763                        | 0.0476                   | 0.2239                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.1130</b>               |                         | <b>1.2021</b>                 | <b>0.2602</b>            | <b>1.4623</b>            |
| 4               | ELECTRO ORIENTE      | 2.9686                      | 1.0811                  | 3.2094                        | 0.2828                   | 3.4922                   |
|                 | GOB. REG. SAN MARTIN | 0.0000                      | 1.0811                  | 0.0000                        | 0.0000                   | 0.0000                   |
|                 | <b>TOTAL ÁREA</b>    | <b>2.9686</b>               |                         | <b>3.2094</b>                 | <b>0.2828</b>            | <b>3.4922</b>            |
| 5               | ADINELSA             | 0.0690                      | 1.0761                  | 0.0743                        | 0.0070                   | 0.0813                   |
|                 | CEMENTO ANDINO       | 0.0097                      | 1.0761                  | 0.0104                        | 0.0004                   | 0.0108                   |
|                 | CONENHUA             | 0.0293                      | 1.0761                  | 0.0315                        | 0.0053                   | 0.0368                   |
|                 | ELECTROCENTRO        | 1.1695                      | 1.0761                  | 1.2585                        | 0.2837                   | 1.5422                   |
|                 | ELECTROPERÚ          | 0.0069                      | 1.0761                  | 0.0074                        | (0.0008)                 | 0.0066                   |
|                 | REP                  | 0.0657                      | 1.0761                  | 0.0707                        | 0.0086                   | 0.0793                   |
|                 | SN POWER             | 0.8544                      | 1.0761                  | 0.9194                        | 0.1598                   | 1.0792                   |
|                 | <b>TOTAL ÁREA</b>    | <b>2.2045</b>               |                         | <b>2.3722</b>                 | <b>0.4640</b>            | <b>2.8362</b>            |
| 6               | ADINELSA             | 0.0010                      | 1.1076                  | 0.0011                        | 0.0002                   | 0.0013                   |
|                 | EDELNOR              | 1.1325                      | 1.1076                  | 1.2544                        | 0.1965                   | 1.4509                   |
|                 | HIDRANDINA           | 0.0025                      | 1.1076                  | 0.0028                        | 0.0002                   | 0.0030                   |
|                 | REP                  | 0.0458                      | 1.1076                  | 0.0507                        | 0.0068                   | 0.0575                   |
|                 | REP_AdicRAG          | 0.0065                      | 1.1076                  | 0.0072                        | (0.0068)                 | 0.0004                   |
|                 | SN POWER             | 0.0093                      | 1.1076                  | 0.0103                        | (0.0025)                 | 0.0078                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.1976</b>               |                         | <b>1.3265</b>                 | <b>0.1944</b>            | <b>1.5209</b>            |
| 7               | EDECAÑETE            | 0.0184                      | 1.1251                  | 0.0207                        | 0.0030                   | 0.0237                   |
|                 | LUZ DEL SUR          | 0.1060                      | 1.1251                  | 0.1431                        | (0.2356)                 | 0.9075                   |
|                 | REP                  | 0.0241                      | 1.1251                  | 0.0271                        | 0.0106                   | 0.0377                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.0585</b>               |                         | <b>1.1909</b>                 | <b>(0.2220)</b>          | <b>0.9689</b>            |
| 8               | ADINELSA             | 0.0024                      | 1.0925                  | 0.0026                        | 0.0001                   | 0.0027                   |
|                 | COELVISAC            | 0.0946                      | 1.0925                  | 0.1034                        | 0.0161                   | 0.1195                   |
|                 | ELECTRO DUNAS        | 0.8706                      | 1.0925                  | 0.9511                        | 0.1405                   | 1.0916                   |
|                 | REP                  | 0.5484                      | 1.0925                  | 0.5991                        | 0.0579                   | 0.6570                   |
|                 | REP_AdicRAG          | 0.3897                      | 1.0925                  | 0.4257                        | 0.0172                   | 0.4429                   |
|                 | SEAL                 | 0.0189                      | 1.0925                  | 0.0206                        | 0.0096                   | 0.0302                   |
|                 | TRANSMANTARO         | 0.1502                      | 1.0925                  | 0.1641                        | (0.0943)                 | 0.0698                   |
|                 | <b>TOTAL ÁREA</b>    | <b>2.0748</b>               |                         | <b>2.2666</b>                 | <b>0.1471</b>            | <b>2.4137</b>            |
| 9               | CONENHUA             | 0.0360                      | 1.1111                  | 0.0400                        | 0.0013                   | 0.0413                   |
|                 | EGASA                | 0.0613                      | 1.1111                  | 0.0681                        | 0.0071                   | 0.0752                   |
|                 | ELECTROSUR           | 0.0059                      | 1.1111                  | 0.0066                        | 0.0012                   | 0.0078                   |
|                 | REP                  | 0.0167                      | 1.1111                  | 0.0186                        | 0.0014                   | 0.0200                   |
|                 | SEAL                 | 0.9731                      | 1.1111                  | 1.0812                        | 0.2198                   | 1.3010                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.0930</b>               |                         | <b>1.2145</b>                 | <b>0.2308</b>            | <b>1.4453</b>            |
| 10              | EGEMSA               | 0.2498                      | 1.1027                  | 0.2755                        | 0.0669                   | 0.3424                   |
|                 | ELECTRO SUR ESTE     | 1.3139                      | 1.1027                  | 1.4488                        | (0.0459)                 | 1.4029                   |
|                 | REP                  | 0.3120                      | 1.1027                  | 0.3440                        | 0.1074                   | 0.4514                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.8757</b>               |                         | <b>2.0683</b>                 | <b>0.1284</b>            | <b>2.1967</b>            |
| 11              | ELECTRO PUNO         | 1.0294                      | 1.0148                  | 1.0446                        | 0.1873                   | 1.2319                   |
|                 | REP                  | 0.7843                      | 1.0148                  | 0.7959                        | 0.0917                   | 0.8876                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.8137</b>               |                         | <b>1.8405</b>                 | <b>0.2790</b>            | <b>2.1195</b>            |
| 12              | ELECTROSUR           | 1.1089                      | 1.1489                  | 1.2740                        | 0.1236                   | 1.3976                   |
|                 | ENERSUR              | 0.4141                      | 1.1489                  | 0.4758                        | (0.0460)                 | 0.4298                   |
|                 | <b>TOTAL ÁREA</b>    | <b>1.5230</b>               |                         | <b>1.7498</b>                 | <b>0.0776</b>            | <b>1.8274</b>            |
| 13              | EGESUR               | 0.0068                      | 1.0997                  | 0.0075                        | 0.0010                   | 0.0085                   |
|                 | ELECTROSUR           | 0.8000                      | 1.0997                  | 0.8798                        | 0.2822                   | 1.1620                   |
|                 | <b>TOTAL ÁREA</b>    | <b>0.8068</b>               |                         | <b>0.8873</b>                 | <b>0.2832</b>            | <b>1.1705</b>            |
| 14              | ELECTRO UCAYALI      | 0.6661                      | 1.0771                  | 0.7175                        | 0.0850                   | 0.8025                   |
|                 | <b>TOTAL ÁREA</b>    | <b>0.6661</b>               |                         | <b>0.7175</b>                 | <b>0.0850</b>            | <b>0.8025</b>            |
| 15              | REP                  | 0.0633                      | 1.0889                  | 0.0689                        | 0.0009                   | 0.0698                   |
|                 | CUC GGEE-DUP         | 0.1578                      | 0.8720                  | 0.1376                        |                          | 0.1376                   |
|                 | <b>TOTAL ÁREA</b>    | <b>0.0633</b>               |                         | <b>0.0689</b>                 | <b>0.0009</b>            | <b>0.2074</b>            |

## CPSEE : Cargo de Peaje Secundario por Transmisión Equivalente en Energía

Actualizado al 04/abril/2016 con redondeo

| Sistemas Eléctricos a los que se aplica el cargo | Titular de Transmisión/ Barra-Tensión/ Sistemas Eléctricos[1]/ Instalaciones                     | Base (Última Resolución) | FA     | Actualizado   |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|--------|---------------|
| Tacna, Tomasiri, Yarada y Tarata                 | SST Tacna (Los Héroes) - Transf. 220/66/10 kV; 50 MVA [2]                                        | <b>0.3369</b>            | 1.2854 | <b>0.4331</b> |
| Pucallpa, Campo Verde                            | SST Aguaytía-Pucallpa, S.E. Aguaytía 220/138/22,9 kV, S.E. Pucallpa 138/60/10 kV, Reactor 8 MVAR | <b>1.1906</b>            | 1.2854 | <b>1.5304</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           |        |        |        |        | FPMdE  |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Área de Demanda | MAT    | MAT/AT | AT     | AT/MT  | MAT    | MAT/AT | AT     | AT/MT  |
| 1               | 1.0000 | 1.0021 | 1.0193 | 1.0022 | 1.0000 | 1.0019 | 1.0212 | 1.0016 |
| 2               | 1.0000 | 1.0017 | 1.0257 | 1.0032 | 1.0000 | 1.0013 | 1.0230 | 1.0024 |
| 3               | 1.0047 | 1.0021 | 1.0108 | 1.0042 | 1.0038 | 1.0015 | 1.0115 | 1.0036 |
| 4               | 1.0280 | 1.0007 | 1.0145 | 1.0041 | 1.0197 | 1.0005 | 1.0114 | 1.0025 |
| 5               | 1.0008 | 1.0024 | 1.0357 | 1.0045 | 1.0010 | 1.0034 | 1.0397 | 1.0107 |
| 6               | 1.0010 | 1.0060 | 1.0086 | 1.0073 | 1.0009 | 1.0051 | 1.0070 | 1.0062 |
| 7               | 1.0026 | 1.0079 | 1.0124 | 1.0057 | 1.0023 | 1.0067 | 1.0105 | 1.0050 |
| 8               | 1.0004 | 1.0047 | 1.0470 | 1.0050 | 1.0002 | 1.0031 | 1.0409 | 1.0033 |
| 9               | 1.0032 | 1.0072 | 1.0071 | 1.0053 | 1.0034 | 1.0072 | 1.0093 | 1.0056 |
| 10              | 1.0077 | 1.0023 | 1.0102 | 1.0045 | 1.0043 | 1.0015 | 1.0070 | 1.0039 |
| 11              | 1.0000 | 1.0026 | 1.0112 | 1.0091 | 1.0000 | 1.0017 | 1.0084 | 1.0068 |
| 12              | 1.0000 | 1.0000 | 1.0000 | 1.0052 | 1.0000 | 1.0000 | 1.0000 | 1.0043 |
| 13              | 1.0000 | 1.0000 | 1.0178 | 1.0052 | 1.0000 | 1.0000 | 1.0128 | 1.0039 |
| 14              | 1.0000 | 1.0000 | 1.0060 | 1.0082 | 1.0000 | 1.0000 | 1.0045 | 1.0058 |

Factor de expansión de Pérdidas aplicable para expandir hasta MT  
(acumulados calculados) (1/)

| FPMdP           |           |               |          | FPMdE     |               |          |
|-----------------|-----------|---------------|----------|-----------|---------------|----------|
| Área de Demanda | Desde MAT | Desde AT (1/) | Desde MT | Desde MAT | Desde AT (1/) | Desde MT |
| 1               | 1.0237    | 1.0215        | 1.0000   | 1.0248    | 1.0228        | 1.0000   |
| 2               | 1.0307    | 1.0290        | 1.0000   | 1.0268    | 1.0255        | 1.0000   |
| 3               | 1.0220    | 1.0150        | 1.0000   | 1.0205    | 1.0151        | 1.0000   |
| 4               | 1.0479    | 1.0187        | 1.0000   | 1.0344    | 1.0139        | 1.0000   |
| 5               | 1.0437    | 1.0404        | 1.0000   | 1.0555    | 1.0508        | 1.0000   |
| 6               | 1.0231    | 1.0160        | 1.0000   | 1.0193    | 1.0132        | 1.0000   |
| 7               | 1.0289    | 1.0182        | 1.0000   | 1.0247    | 1.0156        | 1.0000   |
| 8               | 1.0576    | 1.0522        | 1.0000   | 1.0478    | 1.0443        | 1.0000   |
| 9               | 1.0230    | 1.0124        | 1.0000   | 1.0257    | 1.0150        | 1.0000   |
| 10              | 1.0249    | 1.0147        | 1.0000   | 1.0168    | 1.0109        | 1.0000   |
| 11              | 1.0231    | 1.0204        | 1.0000   | 1.0170    | 1.0153        | 1.0000   |
| 12              | 1.0052    | 1.0052        | 1.0000   | 1.0043    | 1.0043        | 1.0000   |
| 13              | 1.0231    | 1.0231        | 1.0000   | 1.0167    | 1.0167        | 1.0000   |
| 14              | 1.0142    | 1.0142        | 1.0000   | 1.0103    | 1.0103        | 1.0000   |