

TARIFAS EN BARRA ACTUALIZADAS EN SUBESTACIONES BASE

TARIFAS EN BARRA ACTUALIZADAS EN SUBESTACIONES BASE

| 04 DE DICIEMBRE DE 2008                                                                            |         |           |              |              |                    |                    |                    |      |
|----------------------------------------------------------------------------------------------------|---------|-----------|--------------|--------------|--------------------|--------------------|--------------------|------|
| Resoluciones OSINERGMIN N° 341-2008-OS/CD, N° 462-2008-OS/CD, N° 463-2008-OS/CD, N° 640-2008-OS/CD |         |           |              |              |                    |                    |                    |      |
|                                                                                                    | TENSIÓN | PPM       | PEMP         | PEMF         | PCSPT <sup>1</sup> | CPSEE <sup>3</sup> | CPSEE <sup>2</sup> |      |
|                                                                                                    | kV      | \$/kW-mes | ctm. \$/kW.h | ctm. \$/kW.h | \$/kW-mes          | ctm. \$/kW.h       | ctm. \$/kW.h       |      |
| SISTEMA ELÉCTRICO INTERCONECTADO NACIONAL                                                          |         |           |              |              |                    |                    |                    |      |
| Talara                                                                                             | 220     | 15.27     | 12.84        | 9.44         | 5.89               | 0.0079             | 0.17               |      |
| Piura Oeste                                                                                        | 220     | 15.34     | 12.96        | 9.54         | 5.89               | 0.0079             |                    |      |
| Chiclayo Oeste                                                                                     | 220     | 15.19     | 13.03        | 9.59         | 5.89               | 0.0079             |                    |      |
| Guadalupe                                                                                          | 220     | 15.18     | 13.11        | 9.64         | 5.89               | 0.0079             |                    |      |
| Guadalupe60                                                                                        | 60      | 15.16     | 13.14        | 9.66         | 5.89               | 0.0079             |                    |      |
| Trujillo Norte                                                                                     | 220     | 15.11     | 13.12        | 9.65         | 5.89               | 0.0079             |                    |      |
| Chimbote 1                                                                                         | 220     | 14.92     | 12.93        | 9.53         | 5.89               | 0.0079             |                    |      |
| Paramonga                                                                                          | 220     | 14.97     | 12.73        | 9.30         | 5.89               | 0.0079             |                    |      |
| Paramonga138                                                                                       | 138     | 14.92     | 13.37        | 9.89         | 5.89               | 0.0079             |                    |      |
| Huacho                                                                                             | 220     | 14.99     | 12.74        | 9.29         | 5.89               | 0.0079             |                    |      |
| Zapallal                                                                                           | 220     | 15.00     | 12.72        | 9.25         | 5.89               | 0.0079             | 0.16               |      |
| Ventanilla                                                                                         | 220     | 15.02     | 12.71        | 9.25         | 5.89               | 0.0079             |                    |      |
| Lima                                                                                               | 220     | 15.09     | 12.73        | 9.27         | 5.89               | 0.0079             |                    |      |
| Cantera                                                                                            | 220     | 15.02     | 12.63        | 9.25         | 5.89               | 0.0079             |                    |      |
| Desierto                                                                                           | 220     | 15.01     | 11.83        | 9.05         | 5.89               | 0.0079             |                    |      |
| Chilca                                                                                             | 220     | 15.01     | 12.61        | 9.20         | 5.89               | 0.0079             |                    |      |
| Independencia                                                                                      | 220     | 15.01     | 12.66        | 9.29         | 5.89               | 0.0079             |                    |      |
| Ica                                                                                                | 220     | 15.19     | 12.81        | 9.40         | 5.89               | 0.0079             |                    |      |
| Marcona                                                                                            | 220     | 15.60     | 13.08        | 9.59         | 5.89               | 0.0079             |                    | 0.93 |
| Mantaro                                                                                            | 220     | 14.62     | 12.34        | 9.04         | 5.89               | 0.0079             |                    |      |
| Huayucachi                                                                                         | 220     | 14.73     | 12.46        | 9.11         | 5.89               | 0.0079             |                    |      |
| Pachachaca                                                                                         | 220     | 14.80     | 12.49        | 9.13         | 5.89               | 0.0079             |                    |      |
| Huancavelica                                                                                       | 220     | 14.72     | 12.42        | 9.11         | 5.89               | 0.0079             |                    |      |
| Callahuanca                                                                                        | 220     | 14.89     | 12.58        | 9.18         | 5.89               | 0.0079             |                    |      |
| Cajamarquilla                                                                                      | 220     | 15.02     | 12.70        | 9.25         | 5.89               | 0.0079             |                    |      |
| Huallanca                                                                                          | 138     | 14.32     | 12.41        | 9.23         | 5.89               | 0.0079             |                    |      |
| Vizcarra                                                                                           | 220     | 14.96     | 12.54        | 9.17         | 5.89               | 0.0079             |                    |      |
| Tingo María                                                                                        | 220     | 14.82     | 12.25        | 8.93         | 5.89               | 0.0079             | 0.07               |      |
| Aguyaylla                                                                                          | 220     | 14.74     | 12.10        | 8.81         | 5.89               | 0.0079             |                    |      |
| Pucallpa                                                                                           | 60      | 15.25     | 12.34        | 8.95         | 5.89               | 0.0079             |                    |      |
| Tingo María138                                                                                     | 138     | 14.81     | 12.25        | 8.92         | 5.89               | 0.0079             |                    |      |
| Huánuco                                                                                            | 138     | 14.91     | 12.45        | 9.06         | 5.89               | 0.0079             |                    |      |
| Paragsha II                                                                                        | 138     | 14.88     | 12.47        | 9.13         | 5.89               | 0.0079             |                    |      |
| Oroya Nueva220                                                                                     | 220     | 14.80     | 12.48        | 9.14         | 5.89               | 0.0079             |                    |      |
| Oroya Nueva50                                                                                      | 50      | 14.87     | 12.53        | 9.18         | 5.89               | 0.0079             |                    |      |
| Carhuamayo138                                                                                      | 138     | 14.92     | 12.57        | 9.17         | 5.89               | 0.0079             |                    |      |
| Carhuamayo Nueva                                                                                   | 220     | 14.72     | 12.38        | 9.07         | 5.89               | 0.0079             |                    |      |
| Canipa                                                                                             | 138     | 14.93     | 12.65        | 9.23         | 5.89               | 0.0079             | 0.09               |      |
| Condorcoccha44                                                                                     | 44      | 15.02     | 12.68        | 9.25         | 5.89               | 0.0079             |                    |      |
| Machupicchu                                                                                        | 138     | 14.61     | 12.87        | 9.19         | 5.89               | 0.0079             |                    |      |
| Cachimayo                                                                                          | 138     | 15.11     | 13.27        | 9.50         | 5.89               | 0.0079             |                    |      |
| Cusco                                                                                              | 138     | 15.08     | 13.27        | 9.50         | 5.89               | 0.0079             |                    |      |
| Combapata                                                                                          | 138     | 15.27     | 13.35        | 9.66         | 5.89               | 0.0079             |                    |      |
| Tintaya                                                                                            | 138     | 15.39     | 13.40        | 9.85         | 5.89               | 0.0079             |                    |      |
| Ayaviri                                                                                            | 138     | 15.09     | 13.14        | 9.67         | 5.89               | 0.0079             |                    |      |
| Azángaro                                                                                           | 138     | 14.92     | 13.00        | 9.56         | 5.89               | 0.0079             |                    |      |
| Julica                                                                                             | 138     | 15.39     | 13.34        | 9.82         | 5.89               | 0.0079             | 0.12               |      |
| Puno138                                                                                            | 138     | 15.54     | 13.44        | 9.93         | 5.89               | 0.0079             |                    |      |
| Puno220                                                                                            | 220     | 15.55     | 13.45        | 9.94         | 5.89               | 0.0079             |                    |      |
| Callalli                                                                                           | 138     | 15.46     | 13.46        | 9.92         | 5.89               | 0.0079             |                    |      |
| Santuario                                                                                          | 138     | 15.45     | 13.31        | 9.85         | 5.89               | 0.0079             |                    |      |
| Arequipa                                                                                           | 138     | 15.55     | 13.38        | 9.89         | 5.89               | 0.0079             |                    |      |
| Socabaya220                                                                                        | 220     | 15.56     | 13.37        | 9.89         | 5.89               | 0.0079             |                    |      |
| Cerro Verde                                                                                        | 138     | 15.59     | 13.42        | 9.91         | 5.89               | 0.0079             |                    |      |
| Repartición                                                                                        | 138     | 15.66     | 13.46        | 9.94         | 5.89               | 0.0079             |                    |      |
| Mollendo                                                                                           | 138     | 15.71     | 13.47        | 9.96         | 5.89               | 0.0079             |                    |      |
| Montalvo220                                                                                        | 220     | 15.65     | 13.50        | 10.01        | 5.89               | 0.0079             | 0.46               |      |
| Montalvo                                                                                           | 138     | 15.65     | 13.51        | 10.02        | 5.89               | 0.0079             |                    |      |
| Ilo                                                                                                | 138     | 15.78     | 13.63        | 10.13        | 5.89               | 0.0079             |                    |      |
| Botiflaca                                                                                          | 138     | 15.78     | 13.60        | 10.09        | 5.89               | 0.0079             |                    |      |
| Toquepala                                                                                          | 138     | 15.80     | 13.60        | 10.12        | 5.89               | 0.0079             | 0.46               |      |
| Aricota138                                                                                         | 138     | 15.76     | 13.49        | 10.10        | 5.89               | 0.0079             |                    |      |
| Aricota66                                                                                          | 66      | 15.73     | 13.44        | 10.10        | 5.89               | 0.0079             |                    |      |
| Tacna220 (SE Los Héroes)                                                                           | 220     | 15.71     | 13.53        | 10.04        | 5.89               | 0.0079             |                    |      |
| Tacna66 (SE Los Héroes)                                                                            | 66      | 15.89     | 13.60        | 10.06        | 5.89               | 0.0079             | 0.54               |      |
| SISTEMAS AISLADOS                                                                                  |         |           |              |              |                    |                    |                    |      |
| Adinelsa                                                                                           | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Chavimochic                                                                                        | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Edelnor                                                                                            | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Edelsa                                                                                             | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Egepsa                                                                                             | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Electro Oriente                                                                                    | MT      | 18.74     | 33.83        | 33.83        |                    |                    |                    |      |
| Electro Pangoa                                                                                     | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Electro Puno                                                                                       | MT      | 19.00     | 52.51        | 52.51        |                    |                    |                    |      |
| Electro Sur Este                                                                                   | MT      | 19.04     | 58.91        | 58.91        |                    |                    |                    |      |
| Electro Sur Medio                                                                                  | MT      | 19.00     | 52.51        | 52.51        |                    |                    |                    |      |
| Electro Ucayali                                                                                    | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Electrocentro                                                                                      | MT      | 22.67     | 23.86        | 23.86        |                    |                    |                    |      |
| Electronorte                                                                                       | MT      | 22.44     | 22.56        | 22.56        |                    |                    |                    |      |
| Emseusa                                                                                            | MT      | 21.54     | 17.71        | 17.71        |                    |                    |                    |      |
| Hidrandina                                                                                         | MT      | 22.65     | 24.06        | 24.06        |                    |                    |                    |      |
| Seal                                                                                               | MT      | 20.28     | 43.94        | 43.94        |                    |                    |                    |      |
| Sersa                                                                                              | MT      | 18.79     | 34.40        | 34.40        |                    |                    |                    |      |

1. Resolución OSINERGMIN N° 640-2008-OS/CD.  
2. Resoluciones OSINERG N° 065-2005-OS/CD, N° 146-2005-OS/CD, Resoluciones OSINERGMIN N° 169-2007-OS/CD, N° 360-2007-OS/CD, N° 463-2008.  
3. CPSEE, Línea 220kV Zapallal-Chimbote 1.

Peaje de Conexión al Sistemas Principal de Transmisión

Resoluciones OSINERGMIN N° 341-2008-OS/CD, N° 462-2008-OS/CD.

| 04 DE DICIEMBRE DE 2008         |                    |
|---------------------------------|--------------------|
| Sistema de Transmisión          | PCSPT<br>\$/kW-mes |
| SPT de REP                      | 1.13               |
| SPT de San Gabán                | 0.01               |
| SPT de Antamina                 | 0.01               |
| SPT Eteselva                    | 0.17               |
| SPT de Redesar                  | 0.73               |
| SPT de Transmataro              | 1.80               |
| SPT de ISA                      | 0.54               |
| Garantía por Red Principal TGP  | 0.80               |
| Garantía por Red Principal GNLC | 0.06               |
|                                 | 5.26               |

Peaje Secundario por Transmisión Equivalente en energía de la Subestaciones Base

Resoluciones OSINERG N° 065-2005-OS/CD, N° 146-2005-OS/CD

| 04 DE DICIEMBRE DE 2008 |         |                                                        |                         |
|-------------------------|---------|--------------------------------------------------------|-------------------------|
| Subestaciones Base      | Tensión | Instalaciones Secundarias                              | CPSEE01<br>ctm. \$/kW.h |
| Paragsha II             | 138     | S.E. Oroya Nueva - Transformación 220/50/13,8 kV       | 0.0878                  |
| Oroya Nueva             | 220     |                                                        |                         |
| Oroya Nueva             | 50      |                                                        |                         |
| Carhuamayo              | 138     |                                                        |                         |
| Caripa                  | 138     |                                                        |                         |
| Condorcoccha            | 44      | SST Transformación Oroya Nueva 220/50/13,8 kV          | 0.0878                  |
| Montalvo                | 220     | SST Caripa - Condorcoccha, S.E. Condorcoccha 138/44 kV | 0.5349                  |
| Montalvo                | 138     | SST de Enersur                                         | 0.4573                  |
| Ilo                     | 138     |                                                        |                         |
| Botiflaca               | 138     |                                                        |                         |
| Toquepala               | 138     |                                                        |                         |
| Arequipa                | 138     |                                                        |                         |
| Cajamarquilla           | 220     | SST Santuario - Chilina 138 kV                         | 0.1198                  |
| Paramonga Existente     | 138     | SST Celda de Transformación 220kV - S.E. Cajamarquilla | 0.0694                  |
|                         |         | SST Paramonga Nueva-Paramonga Existente                | 0.0378                  |

Peaje Secundario por Transmisión Equivalente en energía de la Subestaciones Base

Resoluciones OSINERGMIN N° 169-2007-OS/CD, N° 360-2007-OS/CD, N° 463-2008-OS/CD, N° 577-2008-OS/CD

| 04 DE DICIEMBRE DE 2008 |               |                                                                                                      |                       |
|-------------------------|---------------|------------------------------------------------------------------------------------------------------|-----------------------|
| Subestaciones Base      | Tensión<br>kV | Instalaciones Secundarias                                                                            | CPSEE<br>ctm. \$/kW.h |
| Tacna                   | 66            | S.E. Tacna - Transf. 220/66/10 kV 50 MVA                                                             | 0.5370                |
| Pucallpa                | 60            | L.T. Aguyaylla-Pucallpa, S.E. Aguyaylla 220/138/22.9 kV, S.E. Pucallpa 138/60/10 kV y Reactor 8 MVar | 2.1731                |
| Paramonga Existente     | 138           | SST Paramonga Nueva 220/138kV                                                                        | 0.1349                |
| Ica                     | 220           | SST Independencia - Ica 220kV                                                                        | 0.1610                |
| Marcona                 | 220           | SST Ica - Marcona 220kV                                                                              | 0.1610                |
|                         |               | Total                                                                                                | 0.7656                |
|                         |               |                                                                                                      | 0.9266                |

PRECIOS EN BARRA EN SUBESTACIONES BASE

| 04 DE DICIEMBRE DE 2008                   |         |           |              |              |
|-------------------------------------------|---------|-----------|--------------|--------------|
|                                           | TENSIÓN | PPB       | PEBP*        | PEBF*        |
|                                           | kV      | \$/kW-mes | ctm. \$/kW/h | ctm. \$/kW/h |
| SISTEMA ELÉCTRICO INTERCONECTADO NACIONAL |         |           |              |              |
| Talara                                    | 220     | 21.16     | 12.85        | 9.45         |
| Piura Oeste                               | 220     | 21.22     | 12.97        | 9.55         |
| Chiclayo Oeste                            | 220     | 21.08     | 13.04        | 9.59         |
| Guadalupe                                 | 220     | 21.07     | 13.12        | 9.65         |
| Guadalupe60                               | 60      | 21.04     | 13.15        | 9.67         |
| Trujillo Norte                            | 220     | 21.00     | 13.13        | 9.66         |
| Chimbote 1                                | 220     | 20.81     | 12.93        | 9.54         |
| Paramonga                                 | 220     | 20.86     | 12.74        | 9.31         |
| Paramonga138                              | 138     | 20.81     | 13.55        | 10.07        |
| Huacho                                    | 220     | 20.88     | 12.75        | 9.30         |
| Zapallal                                  | 220     | 20.89     | 12.73        | 9.26         |
| Ventanilla                                | 220     | 20.91     | 12.72        | 9.26         |
| Lima                                      | 220     | 20.98     | 12.74        | 9.28         |
| Cantera                                   | 220     | 20.91     | 12.64        | 9.26         |
| Desierto                                  | 220     | 20.90     | 11.83        | 9.06         |
| Chilca                                    | 220     | 20.90     | 12.62        | 9.21         |
| Independencia                             | 220     | 20.90     | 12.67        | 9.30         |
| Ica                                       | 220     | 21.08     | 12.97        | 9.57         |
| Marcona                                   | 220     | 21.49     | 14.01        | 10.52        |
| Mantaro                                   | 220     | 20.51     | 12.35        | 9.05         |
| Huayucachi                                | 220     | 20.62     | 12.47        | 9.11         |
| Pachachaca                                | 220     | 20.69     | 12.50        | 9.14         |
| Huancavelica                              | 220     | 20.61     | 12.43        | 9.11         |
| Callahuanca                               | 220     | 20.78     | 12.59        | 9.19         |
| Cajamarquilla                             | 220     | 20.91     | 12.77        | 9.33         |
| Huallanca                                 | 138     | 20.21     | 12.42        | 9.23         |
| Vizcarra                                  | 220     | 20.84     | 12.55        | 9.18         |
| Tingo María                               | 220     | 20.71     | 12.26        | 8.94         |
| Aguyaylla                                 | 220     | 20.63     | 12.11        | 8.82         |
| Pucallpa                                  | 60      | 21.13     | 14.52        | 11.14        |
| Tingo María138                            | 138     | 20.70     | 12.26        | 8.93         |
| Huánuco                                   | 138     | 20.80     | 12.45        | 9.07         |
| Paragsha II                               | 138     | 20.77     | 12.56        | 9.22         |
| Oroya Nueva220                            | 220     | 20.69     | 12.58        | 9.23         |
| Oroya Nueva50                             | 50      | 20.75     | 12.63        | 9.28         |
| Carhuamayo138                             | 138     | 20.81     | 12.66        | 9.27         |
| Carhuamayo Nueva                          | 220     | 20.61     | 12.39        | 9.08         |
| Caripa                                    | 138     | 20.82     | 12.75        | 9.32         |
| Condorcoccha44                            | 44      | 20.91     | 13.31        | 9.88         |
| Machupicchu                               | 138     | 20.50     | 12.88        | 9.20         |
| Cachimayo                                 | 138     | 21.00     | 13.28        | 9.51         |
| Cusco                                     | 138     | 20.97     | 13.28        | 9.51         |
| Combapata                                 | 138     | 21.16     | 13.36        | 9.67         |
| Tintaya                                   | 138     | 21.28     | 13.41        | 9.85         |
| Ayaviri                                   | 138     | 20.98     | 13.15        | 9.68         |
| Azángaro                                  | 138     | 20.81     | 13.01        | 9.57         |
| Julica                                    | 138     | 21.28     | 13.35        | 9.83         |
| Puno138                                   | 138     | 21.42     | 13.44        | 9.94         |
| Puno220                                   | 220     | 21.43     | 13.46        | 9.95         |
| Callalli                                  | 138     | 21.35     | 13.47        | 9.93         |
| Santuario                                 | 138     | 21.33     | 13.31        | 9.85         |
| Arequipa                                  | 138     | 21.43     | 13.51        | 10.02        |
| Socabaya220                               | 220     | 21.45     | 13.38        | 9.90         |
| Cerro Verde                               | 138     | 21.48     | 13.42        | 9.92         |
| Repartición                               | 138     | 21.55     | 13.47        | 9.95         |
| Mollendo                                  | 138     | 21.60     | 13.48        | 9.96         |
| Montalvo220                               | 220     | 21.54     | 13.97        | 10.47        |
| Montalvo                                  | 138     | 21.54     | 13.98        | 10.49        |
| Ilo                                       | 138     | 21.67     | 14.10        | 10.59        |
| Botiflaca                                 | 138     | 21.67     | 14.07        | 10.55        |
| Toquepala                                 | 138     | 21.69     | 14.07        | 10.58        |
| Aricota138                                | 138     | 21.65     | 13.50        | 10.10        |
| Aricota66                                 | 66      | 21.61     | 13.44        | 10.10        |
| Tacna220 (SE Los Héroes)                  | 220     | 21.60     | 13.54        | 10.05        |
| Tacna66 (SE Los Héroes)                   | 66      | 21.78     | 14.14        | 10.61        |

TARIFAS A NIVEL GENERACIÓN ACTUALIZADAS EN SUBESTACIONES BASE

| TARIFAS A NIVEL GENERACIÓN ACTUALIZADAS EN SUBESTACIONES BASE                                                                                              |           |         |              |                    |                    |                    |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|--------------|--------------------|--------------------|--------------------|--------------|
| 04 DE DICIEMBRE DE 2008                                                                                                                                    |           |         |              |                    |                    |                    |              |
| Resolución OSINERGMIN N° 341-2008-OS/CD, N° 462-2008-OS/CD, N° 463-2008-OS/CD, N° 639-2008-OS/CD, N° 640-2008-OS/CD, N° 662-2008-OS/CD y N° 675-2008-OS/CD |           |         |              |                    |                    |                    |              |
| TENSIÓN                                                                                                                                                    | PPM       | PEMP    | PEMF         | PCSPT <sup>1</sup> | CPSEE <sup>3</sup> | CPSEE <sup>2</sup> |              |
| kV                                                                                                                                                         | \$/kW-mes | \$/kW/h | ctm. \$/kW.h | ctm. \$/kW-mes     | ctm. \$/kW.h       | ctm. \$/kW.h       | ctm. \$/kW.h |

| SISTEMA ELÉCTRICO INTERCONECTADO NACIONAL |     |       |       |       |        |        |      |
|-------------------------------------------|-----|-------|-------|-------|--------|--------|------|
| Talara                                    | 220 | 14.73 | 13.97 | 10.78 | 5.89   | 0.0079 |      |
| Piura Oeste                               | 220 | 14.80 | 13.97 | 10.89 | 5.89   | 0.0079 |      |
| Chiclayo Oeste                            | 220 | 14.65 | 14.05 | 10.93 | 5.89   | 0.0079 |      |
| Guadalupe                                 | 220 | 14.64 | 14.13 | 11.00 | 5.89   | 0.0079 |      |
| Guadalupe60                               | 60  | 14.62 | 14.17 | 11.02 | 5.89   | 0.0079 |      |
| Trujillo Norte                            | 220 | 14.58 | 14.14 | 11.01 | 5.89   | 0.0079 |      |
| Chimbote 1                                | 220 | 14.40 | 13.94 | 10.88 | 5.89   | 0.0079 |      |
| Paramonga                                 | 220 | 14.44 | 13.73 | 10.63 | 5.89   | 0.0079 |      |
| Paramonga138                              | 138 | 14.40 | 14.40 | 11.27 | 5.89   | 0.0079 | 0.17 |
| Huacho                                    | 220 | 14.47 | 13.74 | 10.62 | 5.89   | 0.0079 |      |
| Zapallal                                  | 220 | 14.48 | 13.72 | 10.56 | 5.89   | 0.0079 |      |
| Ventanilla                                | 220 | 13.71 | 10.56 | 5.89  | 0.0079 |        |      |
| Lima                                      | 220 | 14.56 | 13.73 | 10.60 | 5.89   | 0.0079 |      |
| Cantera                                   | 220 | 14.50 | 13.64 | 10.56 | 5.89   | 0.0079 |      |
| Desierto                                  | 220 | 14.49 | 12.81 | 10.36 | 5.89   | 0.0079 |      |
| Chilca                                    | 220 | 14.49 | 13.61 | 10.52 | 5.89   | 0.0079 | 0.16 |
| Independencia                             | 220 | 14.49 | 13.67 | 10.62 | 5.89   | 0.0079 | 0.93 |
| Ica                                       | 220 | 14.65 | 13.81 | 10.74 | 5.89   | 0.0079 |      |
| Marcona                                   | 220 | 15.06 | 14.09 | 10.93 | 5.89   | 0.0079 |      |
| Mantaro                                   | 220 | 14.11 | 13.33 | 10.35 | 5.89   | 0.0079 |      |
| Huayucachi                                | 220 | 14.22 | 13.45 | 10.42 | 5.89   | 0.0079 |      |
| Pachachaca                                | 220 | 14.28 | 13.48 | 10.44 | 5.89   | 0.0079 |      |
| Huancavelica                              | 220 | 14.21 | 13.42 | 10.42 | 5.89   | 0.0079 |      |
| Callahuanca                               | 220 | 14.36 | 13.58 | 10.50 | 5.89   | 0.0079 |      |
| Cajamarquilla                             | 220 | 14.50 | 13.71 | 10.56 | 5.89   | 0.0079 | 0.07 |
| Huallanca                                 | 138 | 13.82 | 13.42 | 10.54 | 5.89   | 0.0079 |      |
| Vizcarra                                  | 220 | 14.43 | 13.55 | 10.48 | 5.89   | 0.0079 |      |
| Tingo María                               | 220 | 14.30 | 13.23 | 10.23 | 5.89   | 0.0079 |      |
| Aguytia                                   | 220 | 14.23 | 13.09 | 10.10 | 5.89   | 0.0079 |      |
| Pucallpa                                  | 60  | 14.71 | 13.33 | 10.25 | 5.89   | 0.0079 | 2.17 |
| Tingo María138                            | 138 | 14.29 | 13.24 | 10.22 | 5.89   | 0.0079 |      |
| Huánuco                                   | 138 | 14.39 | 13.44 | 10.37 | 5.89   | 0.0079 |      |
| Paragsha II                               | 138 | 14.35 | 13.46 | 10.44 | 5.89   | 0.0079 | 0.09 |
| Oroya Nueva220                            | 220 | 14.28 | 13.47 | 10.46 | 5.89   | 0.0079 | 0.09 |
| Oroya Nueva50                             | 50  | 14.34 | 13.54 | 10.50 | 5.89   | 0.0079 | 0.09 |
| Carhuamayo138                             | 138 | 14.40 | 13.57 | 10.48 | 5.89   | 0.0079 | 0.09 |
| Carhuamayo Nueva                          | 220 | 14.21 | 13.37 | 10.38 | 5.89   | 0.0079 |      |
| Caripa                                    | 138 | 14.41 | 13.66 | 10.54 | 5.89   | 0.0079 | 0.09 |
| Condorcocha44                             | 44  | 14.50 | 13.68 | 10.56 | 5.89   | 0.0079 | 0.62 |
| Machupicchu                               | 138 | 14.10 | 13.89 | 10.51 | 5.89   | 0.0079 |      |
| Cachimayo                                 | 138 | 14.58 | 14.30 | 10.84 | 5.89   | 0.0079 |      |
| Cusco                                     | 138 | 14.55 | 14.30 | 10.84 | 5.89   | 0.0079 |      |
| Combapata                                 | 138 | 14.73 | 14.38 | 11.02 | 5.89   | 0.0079 |      |
| Tintaya                                   | 138 | 14.85 | 14.43 | 11.22 | 5.89   | 0.0079 |      |
| Ayaviri                                   | 138 | 14.56 | 14.17 | 11.03 | 5.89   | 0.0079 |      |
| Azángaro                                  | 138 | 14.40 | 14.02 | 10.91 | 5.89   | 0.0079 |      |
| Julica                                    | 138 | 14.85 | 14.37 | 11.19 | 5.89   | 0.0079 |      |
| Puno138                                   | 138 | 14.98 | 14.47 | 11.31 | 5.89   | 0.0079 |      |
| Puno220                                   | 220 | 14.99 | 14.49 | 11.32 | 5.89   | 0.0079 |      |
| Callalli                                  | 138 | 14.91 | 14.50 | 11.30 | 5.89   | 0.0079 |      |
| Santuario                                 | 138 | 14.90 | 14.33 | 11.22 | 5.89   | 0.0079 |      |
| Arequipa                                  | 138 | 14.99 | 14.41 | 11.27 | 5.89   | 0.0079 | 0.12 |
| Socabaya220                               | 220 | 15.00 | 14.40 | 11.27 | 5.89   | 0.0079 |      |
| Cerro Verde                               | 138 | 15.05 | 14.44 | 11.29 | 5.89   | 0.0079 |      |
| Repartición                               | 138 | 15.11 | 14.50 | 11.32 | 5.89   | 0.0079 |      |
| Mollendo                                  | 138 | 15.17 | 14.51 | 11.35 | 5.89   | 0.0079 |      |
| Montalvo220                               | 220 | 15.10 | 14.54 | 11.39 | 5.89   | 0.0079 | 0.46 |
| Montalvo                                  | 138 | 15.10 | 14.55 | 11.40 | 5.89   | 0.0079 | 0.46 |
| Ilo                                       | 138 | 15.22 | 14.67 | 11.52 | 5.89   | 0.0079 | 0.46 |
| Botiflaca                                 | 138 | 15.22 | 14.64 | 11.48 | 5.89   | 0.0079 | 0.46 |
| Toquepala                                 | 138 | 15.24 | 14.64 | 11.51 | 5.89   | 0.0079 | 0.46 |
| Aricota138                                | 138 | 15.20 | 14.53 | 11.49 | 5.89   | 0.0079 |      |
| Aricota66                                 | 66  | 15.18 | 14.47 | 11.49 | 5.89   | 0.0079 |      |
| Tacna220 (SE Los Héroes)                  | 220 | 15.17 | 14.57 | 11.42 | 5.89   | 0.0079 |      |
| Tacna66 (SE Los Héroes)                   | 66  | 15.33 | 14.64 | 11.45 | 5.89   | 0.0079 | 0.54 |
| SISTEMAS AISLADOS                         |     |       |       |       |        |        |      |
| Adinelsa                                  | MT  | 22.93 | 20.84 | 20.84 |        |        |      |
| Chavimochic                               | MT  | 22.93 | 20.89 | 20.89 |        |        |      |
| Edelnor                                   | MT  | 22.93 | 20.89 | 20.89 |        |        |      |
| Edelsa                                    | MT  | 22.93 | 20.92 | 20.92 |        |        |      |
| Egepsa                                    | MT  | 22.93 | 20.96 | 20.96 |        |        |      |
| Electro Oriente                           | MT  | 17.19 | 19.93 | 19.93 |        |        |      |
| Electro Pangoa                            | MT  | 22.93 | 20.89 | 20.89 |        |        |      |
| Electro Puno                              | MT  | 16.41 | 26.47 | 26.47 |        |        |      |
| Electro Sur Este                          | MT  | 16.20 | 30.00 | 30.00 |        |        |      |
| Electro Sur Medio                         | MT  | 16.41 | 26.38 | 26.38 |        |        |      |
| Electro Ucayali                           | MT  | 22.93 | 20.88 | 20.88 |        |        |      |
| Electrocentro                             | MT  | 22.93 | 20.92 | 20.92 |        |        |      |
| Electronorte                              | MT  | 19.55 | 19.55 | 19.55 |        |        |      |
| Emseusa                                   | MT  | 21.58 | 16.42 | 16.42 |        |        |      |
| Hidrandina                                | MT  | 22.92 | 20.98 | 20.98 |        |        |      |
| Seal                                      | MT  | 19.66 | 25.90 | 25.90 |        |        |      |
| Sersa                                     | MT  | 17.23 | 20.20 | 20.20 |        |        |      |

1. Resolución OSINERGMIN N° 640-2008-OS/CD.  
2. Resoluciones OSINERG N° 065-2005-OS/CD, N° 146-2005-OS/CD, N° 251-2006-OS/CD, Resoluciones OSINERGMIN N° 169-2007-OS/CD, N° 360-2007-OS/CD.  
3. CPSEE, Línea 220kV Zapallal-Chimbote1.

Peaje de Conexión al Sistemas Principal de Transmisión  
Resoluciones OSINERGMIN N° 341-2008-OS/CD, N° 462-2008-OS/CD.

| 04 DE DICIEMBRE DE 2008         |           |
|---------------------------------|-----------|
| Sistema de Transmisión          | PCSPT     |
|                                 | \$/kW-mes |
| SPT de REP                      | 1.13      |
| SPT de San Gabán                | 0.01      |
| SPT de Antamina                 | 0.01      |
| SPT de Eselvela                 | 0.17      |
| SPT de Redesar                  | 0.73      |
| SPT de Transmataro              | 1.80      |
| SPT de ISA                      | 0.54      |
| Garantía por Red Principal TGP  | 0.80      |
| Garantía por Red Principal GNLC | 0.06      |
|                                 | 5.26      |

Peaje Secundario por Transmisión Equivalente en energía de la Subestaciones Base  
Resoluciones OSINERG N° 065-2005-OS/CD, N° 146-2005-OS/CD

| 04 DE DICIEMBRE DE 2008 |            |                                                        |                      |
|-------------------------|------------|--------------------------------------------------------|----------------------|
| Subestaciones Base      | Tensión kV | Instalaciones Secundarias                              | CPSEE01 ctm. \$/kW.h |
| Paragsha II             | 138        |                                                        |                      |
| Oroya Nueva             | 220        |                                                        |                      |
| Oroya Nueva             | 50         | S.E. Oroya Nueva - Transformación 220/50/13.8 kV       | 0.0878               |
| Carhuamayo              | 138        |                                                        |                      |
| Caripa                  | 138        |                                                        |                      |
| Condorcocha             | 44         | SST Transformación Oroya Nueva 220/50/13.8 kV          | 0.0878               |
|                         |            | SST Caripa - Condorcocha, S.E. Condorcocha 138/44 kV   | 0.5349               |
| Montalvo                | 220        |                                                        |                      |
| Montalvo                | 138        |                                                        |                      |
| Ilo                     | 138        | SST de Enersur                                         | 0.4573               |
| Botiflaca               | 138        |                                                        |                      |
| Toquepala               | 138        |                                                        |                      |
| Arequipa                | 138        |                                                        |                      |
| Cajamarquilla           | 220        | SST Santuario - Chilina 138 kV                         | 0.1198               |
|                         |            | SST Celda de Transformación 220kV - S.E. Cajamarquilla | 0.0694               |
| Paramonga Existente     | 138        | SST Paramonga Nueva-Paramonga Existente                | 0.0378               |

Peaje Secundario por Transmisión Equivalente en energía de la Subestaciones Base  
Resoluciones OSINERGMIN N° 169-2007-OS/CD, N° 360-2007-OS/CD, N° 360-2008-OS/CD, N° 577-2008-OS/CD

| 04 DE DICIEMBRE DE 2008 |            |                                                                                                  |                    |
|-------------------------|------------|--------------------------------------------------------------------------------------------------|--------------------|
| Subestaciones Base      | Tensión kV | Instalaciones Secundarias                                                                        | CPSEE ctm. \$/kW.h |
| Tacna                   | 66         | S.E. Tacna - Transf. 220/66/10 kV 50 MVA                                                         | 0.5370             |
| Pucallpa                | 60         | L.T. Aguytia-Pucallpa, S.E. Aguytia 220/138/22.9 kV, S.E. Pucallpa 138/60/10 kV y Reactor 8 MVar | 2.1731             |
| Paramonga Existente     | 138        | SST Paramonga Nueva 220/138kV                                                                    | 0.1348             |
| Ica                     | 220        | SST Independencia - Ica 220kV                                                                    | 0.1610             |
|                         |            | SST Independencia - Ica 220kV                                                                    | 0.1610             |
| Marcona                 | 220        | SST Ica - Marcona 220kV                                                                          | 0.7656             |
|                         |            | Total                                                                                            | 0.9266             |

PRECIOS A NIVEL GENERACIÓN EN SUBESTACIONES BASE

| 04 DE DICIEMBRE DE 2008                   |           |              |              |       |
|-------------------------------------------|-----------|--------------|--------------|-------|
| TENSIÓN                                   | PPB       | PEBP         | PEBF         |       |
| kV                                        | \$/kW-mes | ctm. \$/kW.h | ctm. \$/kW.h |       |
| SISTEMA ELÉCTRICO INTERCONECTADO NACIONAL |           |              |              |       |
| Talara                                    | 220       | 20.62        | 13.86        | 10.79 |
| Piura Oeste                               | 220       | 20.69        | 13.98        | 10.90 |
| Chiclayo Oeste                            | 220       | 20.54        | 14.06        | 10.94 |
| Guadalupe                                 | 220       | 20.53        | 14.14        | 11.01 |
| Guadalupe60                               | 60        | 20.51        | 14.18        | 11.03 |
| Trujillo Norte                            | 220       | 20.47        | 14.15        | 11.02 |
| Chimbote 1                                | 220       | 20.29        | 13.95        | 10.89 |
| Paramonga                                 | 220       | 20.33        | 13.74        | 10.64 |
| Paramonga138                              | 138       | 20.29        | 14.58        | 11.45 |
| Huacho                                    | 220       | 20.36        | 13.75        | 10.63 |
| Zapallal                                  | 220       | 20.37        | 13.73        | 10.57 |
| Ventanilla                                | 220       | 20.39        | 13.72        | 10.57 |
| Lima                                      | 220       | 20.45        | 13.74        | 10.61 |
| Cantera                                   | 220       | 20.39        | 13.65        | 10.57 |
| Desierto                                  | 220       | 20.38        | 12.82        | 10.37 |
| Chilca                                    | 220       | 20.38        | 13.62        | 10.53 |
| Independencia                             | 220       | 20.38        | 13.68        | 10.63 |
| Ica                                       | 220       | 20.54        | 13.98        | 10.91 |
| Marcona                                   | 220       | 20.95        | 15.02        | 11.86 |
| Mantaro                                   | 220       | 20.00        | 13.34        | 10.36 |
| Huayucachi                                | 220       | 20.11        | 13.46        | 10.43 |
| Pachachaca                                | 220       | 20.17        | 13.49        | 10.45 |
| Huancavelica                              | 220       | 20.10        | 13.43        | 10.43 |
| Callahuanca                               | 220       | 20.25        | 13.59        | 10.51 |
| Cajamarquilla                             | 220       | 20.39        | 13.79        | 10.64 |
| Huallanca                                 | 138       | 19.71        | 13.43        | 10.55 |
| Vizcarra                                  | 220       | 20.32        | 13.56        | 10.49 |
| Tingo María                               | 220       | 20.19        | 13.25        | 10.24 |
| Aguytia                                   | 220       | 20.12        | 13.10        | 10.11 |
| Pucallpa                                  | 60        | 20.60        | 15.51        | 12.43 |
| Tingo María138                            | 138       | 20.18        | 13.25        | 10.23 |
| Huánuco                                   | 138       | 20.28        | 13.45        | 10.38 |
| Paragsha II                               | 138       | 20.24        | 13.56        | 10.54 |
| Oroya Nueva220                            | 220       | 20.17        | 13.57        | 10.56 |
| Oroya Nueva50                             | 50        | 20.23        | 13.64        | 10.60 |
| Carhuamayo138                             | 138       | 20.29        | 13.67        | 10.58 |
| Carhuamayo Nueva                          | 220       | 20.10        | 13.38        | 10.39 |
| Caripa                                    | 138       | 20.30        | 13.76        | 10.64 |
| Condorcocha44                             | 44        | 20.39        | 14.31        | 11.19 |
| Machupicchu                               | 138       | 19.99        | 13.90        | 10.52 |
| Cachimayo                                 | 138       | 20.47        | 14.31        | 10.85 |
| Cusco                                     | 138       | 20.44        | 14.31        | 10.85 |
| Combapata                                 | 138       | 20.62        | 14.39        | 11.03 |
| Tintaya                                   | 138       | 20.74        | 14.44        | 11.23 |
| Ayaviri                                   | 138       | 20.45        | 14.18        | 11.04 |
| Azángaro                                  | 138       | 20.29        | 14.03        | 10.92 |
| Julica                                    | 138       | 20.74        | 14.38        | 11.20 |
| Puno138                                   | 138       | 20.87        | 14.48        | 11.32 |
| Puno220                                   | 220       | 20.88        | 14.50        | 11.33 |
| Callalli                                  | 138       | 20.80        | 14.51        | 11.31 |
| Santuario                                 | 138       | 20.79        | 14.34        | 11.23 |
| Arequipa                                  | 138       | 20.88        | 14.54        | 11.40 |
| Socabaya220                               | 220       | 20.89        | 14.41        | 11.28 |
| Cerro Verde                               | 138       | 20.94        | 14.45        | 11.30 |
| Repartición                               | 138       | 21.00        | 14.51        | 11.33 |
| Mollendo                                  | 138       | 21.06        | 14.52        | 11.36 |
| Montalvo220                               | 220       | 20.99        | 15.01        | 11.86 |
| Montalvo                                  | 138       | 20.99        | 15.02        | 11.87 |
| Ilo                                       | 138       | 21.11        | 15.14        | 11.99 |
| Botiflaca                                 | 138       | 21.11        | 15.11        | 11.95 |
| Toquepala                                 | 138       | 21.13        | 15.11        | 11.98 |
| Aricota138                                | 138       | 21.09        | 14.54        | 11.50 |
| Aricota66                                 | 66        | 21.07        | 14.48        | 11.50 |
| Tacna220 (SE Los Héroes)                  | 220       | 21.06        | 14.58        | 11.43 |
| Tacna66 (SE Los Héroes)                   | 66        | 21.22        | 15.18        | 11.   |