

## VOLÚMENES DE AGUA INCREMENTADOS CON LA OPERACIÓN DE PROYECTOS HIDRÁULICOS EJECUTADOS POR EL PET

| AÑO          | AFIANZAMIENTO LAGUNA ARICOTA (Hm <sup>3</sup> ) |                                    |               | OTROS PROYECTOS (Hm <sup>3</sup> ) |                              |                                     |              | PROYECTO VILAVILANI (AGUA PARA CIUDAD Y VALLE DE TACNA) (Hm <sup>3</sup> ) |                          |                 |                                  |                                  |                                  | TOTAL (Hm <sup>3</sup> ) |               |
|--------------|---|------------------------------------|---------------|------------------------------------|------------------------------|-------------------------------------|--------------|--|--------------------------|-----------------|----------------------------------|----------------------------------|----------------------------------|--------------------------|---------------|
|              | Proyecto Túnel Kovire                           | Tacalaya-Vilacota-Vizcachas-Suches | TOTAL         | Encimado de la Represa Jarumas I   | Reservorio Huacollo-Sitajara | Bombeo Pozos Para CPM. Boca del Río | TOTAL        | Pozos El Ayro  | Pozos Viñani PV-1 y PV-2 | Canal Uncalluta | Encimado de la Represa Paucarani | Mejoramiento Canal Uchusuma Alto | Mejoramiento Canal Uchusuma Bajo |                          | TOTAL         |
| 1991         | -   | 5.00                               | 5.00          | -                                  | -                            | -                                   | -            | -  | -                        | -               | -                                | -                                | -                                | 0.00                     | 5.00          |
| 1992         | 7.13  | 2.53                               | 9.66          | -                                  | -                            | -                                   | -            | 8.53   | -                        | -               | -                                | -                                | -                                | 8.53                     | 18.19         |
| 1993         | 19.68   | 2.00                               | 21.68         | -                                  | -                            | -                                   | -            | 6.97   | -                        | -               | -                                | -                                | -                                | 6.97                     | 28.65         |
| 1994         | 12.90   | 5.33                               | 18.23         | -                                  | -                            | -                                   | -            | 7.36   | -                        | -               | -                                | -                                | -                                | 7.36                     | 25.59         |
| 1995         | 9.45  | -                                  | 9.45          | -                                  | -                            | -                                   | -            | 11.11  | -                        | -               | -                                | -                                | -                                | 11.11                    | 20.56         |
| 1996         | 13.20   | 0.97                               | 14.17         | -                                  | -                            | -                                   | -            | 11.54  | -                        | -               | -                                | -                                | -                                | 11.54                    | 25.71         |
| 1997         | 17.00   | 6.06                               | 23.06         | -                                  | -                            | -                                   | -            | 6.44   | -                        | -               | -                                | -                                | -                                | 6.44                     | 29.50         |
| 1998         | 8.57  | 7.28                               | 15.85         | -                                  | -                            | -                                   | -            | 13.02  | -                        | -               | -                                | -                                | -                                | 13.02                    | 28.87         |
| 1999         | 17.99   | 0.50                               | 18.49         | -                                  | -                            | -                                   | -            | 6.25   | -                        | -               | -                                | -                                | -                                | 6.25                     | 24.74         |
| 2000         | 23.57   | 1.00                               | 24.57         | -                                  | -                            | -                                   | -            | 3.52   | -                        | -               | -                                | -                                | -                                | 3.52                     | 28.09         |
| 2001         | 41.63   | -                                  | 41.63         | -                                  | -                            | -                                   | -            | 0.37   | -                        | -               | -                                | 0.88                             | -                                | 1.24                     | 42.87         |
| 2002         | 32.03   | -                                  | 32.03         | -                                  | -                            | -                                   | -            | 0.65   | -                        | -               | -                                | 0.97                             | -                                | 1.62                     | 33.65         |
| 2003         | 8.67  | -                                  | 8.67          | -                                  | -                            | -                                   | -            | 5.50   | 0.36                     | -               | -                                | 0.72                             | -                                | 6.58                     | 15.25         |
| 2004         | 15.65   | -                                  | 15.65         | -                                  | -                            | -                                   | -            | 6.70   | 1.60                     | -               | -                                | 0.76                             | -                                | 9.06                     | 24.71         |
| 2005         | 15.52   | -                                  | 15.52         | -                                  | -                            | -                                   | -            | 5.63   | 1.50                     | -               | -                                | 0.64                             | -                                | 7.77                     | 23.29         |
| 2006         | 40.69   | -                                  | 40.69         | -                                  | -                            | -                                   | -            | 0.64   | 2.11                     | -               | -                                | 0.79                             | -                                | 3.55                     | 44.24         |
| 2007         | 8.41  | -                                  | 8.41          | -                                  | -                            | -                                   | -            | 3.78   | 2.47                     | -               | -                                | 0.76                             | -                                | 7.01                     | 15.42         |
| 2008         | 11.79   | -                                  | 11.79         | -                                  | -                            | -                                   | -            | 5.91   | 2.49                     | -               | -                                | 0.96                             | -                                | 9.37                     | 21.16         |
| 2009         | 13.14   | 2.43                               | 15.57         | -                                  | -                            | -                                   | -            | 10.54  | 1.96                     | -               | -                                | 0.74                             | 0.44                             | 13.68                    | 29.25         |
| 2010         | 9.59  | -                                  | 9.59          | -                                  | -                            | -                                   | -            | 10.73  | 3.03                     | -               | -                                | 0.78                             | 0.77                             | 15.31                    | 24.90         |
| 2011         | 17.73   | -                                  | 17.73         | 1.40                               | -                            | -                                   | 1.40         | 7.82   | 1.89                     | -               | -                                | 0.79                             | 0.53                             | 11.03                    | 30.16         |
| 2012         | 28.66   | 3.11                               | 31.77         | 3.00                               | 0.10                         | -                                   | 3.10         | -  | 2.80                     | 2.33            | -                                | 0.58                             | 0.34                             | 6.05                     | 40.92         |
| 2013         | 16.53   | 1.76                               | 18.29         | 3.00                               | 0.10                         | 0.16                                | 3.26         | 2.53   | 2.76                     | 0.28            | -                                | 0.56                             | 0.54                             | 6.68                     | 28.23         |
| 2014         | 8.74  | -                                  | 8.74          | -                                  | 0.10                         | 0.20                                | 0.30         | 7.14   | 2.84                     | -               | -                                | 0.78                             | 0.79                             | 11.55                    | 20.58         |
| 2015         | 14.84   | -                                  | 14.84         | 3.00                               | 0.10                         | 0.23                                | 3.33         | 9.48   | 2.95                     | 0.25            | -                                | 1.06                             | 0.94                             | 14.68                    | 32.85         |
| 2016         | 9.78  | -                                  | 9.78          | -                                  | -                            | 0.23                                | 0.23         | 11.58  | 4.33                     | -               | -                                | 1.14                             | 0.96                             | 18.01                    | 28.01         |
| 2017         | 12.71*  | -                                  | 12.71         | 2.63*                              | -                            | 0.19*                               | 2.81         | 8.14*  | 2.49*                    | -               | -                                | 0.85*                            | 0.61*                            | 12.08                    | 27.61         |
| <b>TOTAL</b> | <b>435.60</b>                                   | <b>37.97</b>                       | <b>473.57</b> | <b>13.03</b>                       | <b>0.40</b>                  | <b>1.00</b>                         | <b>14.43</b> | <b>171.88</b>  | <b>35.58</b>             | <b>2.86</b>     | <b>0.00</b>                      | <b>13.77</b>                     | <b>5.92</b>                      | <b>230.02</b>            | <b>718.01</b> |

Nota: (\*) Los volúmenes trasvasados han sido actualizados al 31 de agosto de 2017.

