































|                             |                              |                  |                     | Natu  |  |
|-----------------------------|------------------------------|------------------|---------------------|-------|--|
| nomic                       | s of F                       | Replace          | ment                |       |  |
|                             |                              | Poplaco at       | Early Replacements  |       |  |
| Implementation <sup>1</sup> | End of Life                  | Level<br>Control | Pressure<br>Control |       |  |
| Cost (\$)                   |                              | $150 - 250^2$    | 380                 | 1,340 |  |
| Annual G<br>Savings         | as<br>(Mcf)                  | 50 – 200         | 166                 | 228   |  |
| Annual V<br>Saved Ga        | alue of as (\$) <sup>3</sup> | 500 - 2000       | 1660                | 2280  |  |
| IRR (%)                     |                              | 333 - 800        | 437                 | 169   |  |
| Payback<br>(months)         | )                            | 2 – 4            | 3                   | 7     |  |



|        |   |                       | Natural Gas          |
|--------|---|-----------------------|----------------------|
| Econom | ics of Retrofit   |                       |                      |
|        |   | Retrofit <sup>1</sup> |                      |
|        | Implementation Costs <sup>2</sup>   | \$500                 |                      |
|        | Bleed rate reduction<br>(Mcf/device/yr)   | 219                   |                      |
|        | Value of gas saved (\$/yr) <sup>3</sup>   | 2190                  |                      |
|        | Payback (months)  | 3                     |                      |
|        | IRR   | 438%                  |                      |
|        | 1 - On high-bleed controllers<br>2 - All data based on Partners' experiences. 5<br>3 - Gas price is assumed to be \$10/Mcf. | See Lessons Learned f | or more information. |
|        |   |                       | 19                   |



|                                      | Reduce<br>Supply<br>Pressure | Repair &<br>Retune | Change<br>Settings | Remove<br>Valve<br>Positioners |
|--------------------------------------|------------------------------|--------------------|--------------------|--------------------------------|
| nplementation Cost (\$) <sup>1</sup> | 153                          | 23                 | 0                  | 0                              |
| as Savings (Mcf/yr)                  | 175                          | 44                 | 88                 | 158                            |
| /alue of gas saved (\$/yr)           | 1750                         | 440                | 880                | 1580                           |
| ayback (months)                      | 1.0                          | <1                 | <1                 | <1                             |
| RR                                   | 1144%                        |                    |                    |                                |











