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We started our project two years ago and found we had many choices. We have 8 compressors that were getting rebuilt of which 6 would get control packages installed, four already were fitted with outdated MP3 controls and 2 were fitted with Joy pneumatic controls and we would be adding 2 Gardner Denver wet screws.

Our choice to rebuild the compressors would be Air Relief Inc because of their superior work and the way the stand behind what they do, also their familiarity with Case controls.

We chose to put Case Amp 500 control systems on our compressors for many reasons, ease of installation, nothing is proprietary we are able to get parts from our local distributors, communication between units is easily set up and there are inputs to add more monitoring if needed. Most of all it was for the energy savings.

Our compressor grouping consists of 2- 250 hp Gardner Denver Screws, 1-450 hp Sullair screw, 2-600hp Centac 1ACII, 2-600hp Joy TA 26, 2-600 hp Joy TA 28 And 1 600hp Elliott PAP, and the amp communicates with all except the Elliott which still has it original pneumatic panel. The installation of the Amp system has approximately saved us 8 to 10 percent on our utility bill which for us is quite a substantial amount.

Along with the energy savings we also gained complete automated control of our system, no more constantly watching plant air pressure to make sure there is enough. The system gives us only what we need without blowing off any to the outside, and if there is a failure machines are added or removed automatically, savings and automation without headaches. What more could we ask for?!

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