

BDP Project Description:**Caney Lake Gas Plant Delta V Configuration*****End User / Location:*****Anadarko Petroleum, Caney Lake Gas Treating Facility, Chatham, Louisiana*****Client / Location:*****Anadarko Petroleum, The Woodlands, Texas*****Control System Platform:*****Emerson Delta V with Foundation Fieldbus and DeviceNET Technologies*****BDP Scope:*****Configure a Delta V control system and provide site support for loop testing, operator training, and control system commissioning.*****BDP Services:*****Configure control strategies and software applications for a Delta V process controller using Foundation Fieldbus instruments and digital valve positioners, with H1 discrete IO and thermocouple multiplexers.****Configure control strategies and software applications for a Delta V process controller using DeviceNET technology to communicate with smart motor controllers and variable frequency drive (VFD) controllers.*****Accomplishments:*****Working closely with OPD Inc., the EPC contractor, to design, assemble, configure, and test the Delta V control system using Foundation Fieldbus and DeviceNET technologies.****Completed all software verification and loop checks at the fabrication yard before process skids were shipped to the plant site, where inter-skid wiring was significantly reduced by using digital bus technologies.****Successfully commissioned the Delta V control system using Foundation Fieldbus instruments, digital valve positioners, and DeviceNET motor controllers.**