

774 – Minimizing Project Cost using Digital Processes to Exchange Heat Tracing Data

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Abstract: Large capital projects are now designed using fully digital 3D modeling systems. Leveraging the digital plant model and digital data to engage the supply chain in the most efficient and accurate manner can yield cost savings to the operator and EPC. A case study is presented showing the efficiency of exchanging digital model data for piping and trace heater design information as opposed to relying entirely on drawings. Techniques and best practices are discussed for exchanging piping and trace heating data in both directions between the EPC and heat trace supplier. The benefits of a fully digital workflow for the project design teams are described.