

Buried Pipeline Protection Case Study - UK

CLIENT - SSE THERMAL

LOCATION - KEADBY 2 POWER STATION

CONTRACTOR - SIEMENS

PRODUCT - BUTYLEN AS40 PLUS

DATE - DECEMBER 2020

PROJECT DETAILS

Keadby 2 is a new 840MW gas-fired power station in North Lincolnshire currently being constructed by EPC contractor Siemens Energy. The project is adjacent to operational Keadby 1 Power Station. SSE Thermal has partnered with Siemens Energy to introduce first-of-a-kind, high-efficiency gas-fired generation technology to the UK. When completed, Keadby 2 is expected to become the cleanest and most-efficient gas-fired power station in Europe.

APPLICATION

PIPELINE - GAS

DIAMETER - 12"

WELDS - MULTIPLE

COATING SYSTEM

BUTYLEN-AS40Plus is a Coextruded PE-Butyl rubber cold-applied single-tape system for corrosion prevention on metal steel pipes and pipelines in high mechanical and corrosive stress classes (Certified EN12068 Class C50 and ISO21809-3 Type 12-1).

With its outstanding properties, BUTYLEN AS40Plus has been the leading corrosion prevention solution among cold-applied corrosion protection tapes since 1972.

Thanks to the innovative formula, the tapes fuse amalgamate together in the overlapping area and create a long-lasting hose-type coating using 4 layer and 50% overlap.

