

Woodside Energy Limited



Customer Market: ENERGY \ Oil & Gas

Country: Australia

Facilities: Goodwyn A (GWA)

Short Description: DCS System Upgrade Project

SPIE Plexal was awarded scope to upgrade GWA's DCS including:

- Assess, Select, Develop and Execute Phases;
- Procurement;
- Installation design and supervision;
- Cutover and commissioning design and supervision;
- Close-out works.



Main Features

Services	SYSTEMS INTEGRATION
Business	ENGINEERING SUPPORT / Electrical, Instrumentation and Control
	ASSET SUPPORT / Commissioning
	SYSTEMS INTEGRATION / Hot cutover

Detailed Presentation

DCS System Upgrade Project

SPIE Plexal was awarded scope to become the primary engineering services contractor to upgrade the DCS on **Woodside Energy's** ageing GWA platform. The DCS had some key components that were approaching an unacceptable risk level due to obsolescence earlier than the remainder of the system.

The full system upgrade was deferred by 5 years by upgrading these components only with no production impact. Some debottlenecking was also included to address some system performance issues.

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Additional Information

- Reduced project cost from A\$8M to A\$3.5M by challenging the scope and improving the methodology from ABB;
- Responded at 3 weeks notice to a reduced shutdown window and POB;

Key Features

- Contract Value: **SPIE Plexal's** scope was A\$680,000;
- Duration / Time schedule: Commenced in September 2015 completed in December 2016;
- Location: Perth, Western Australia;
- Main Achievement: Significant cost reduction over alternative proposals.

Contact: **SPIE Plexal**
 Business Unit: Asia Pacific
 Service line: EPC Projects & Services

