



## **MONDARRA GAS STORAGE FACILITY CONSTRUCTION PROJECT, WESTERN AUSTRALIA**

### **Enerflex's largest single construction contract in Australia**

#### **PROJECT OVERVIEW AND CHALLENGES**

Enerflex was awarded the facility construction project for a new gas storage facility in Western Australia. The project required Enerflex to be actively involved as a turnkey construction partner in the project development, including design reviews, overall planning, and regulatory approval processes. Enerflex delivered a full turnkey construction solution on-site including all concrete, structural, mechanical, piping, electrical and instrumentation installation and the provision of the associated camp and facilities.

#### **UNIT LOCATION**

**Dongara, Western Australia**

#### **ENERFLEX SOLUTION**

Enerflex delivered a turnkey construction solution ahead of schedule through its end-to-end knowledge of facility design, construction, and commissioning.

At the time of commencement the design was still in its early stages. Enerflex was able to add value in relation to best practice design features, fit-for-purpose observations, constructability, and the overall project cost considerations. Enerflex also assisted the customer to schedule critical design activities to ensure that design and procurement were focused on a seamless flow into the construction phase.

During the construction planning and execution phase, the customer continued to develop the design with evidence that the scope was significantly larger than indicated. Enerflex was able to respond to this change by revising the construction planning to accommodate the larger scope of work to achieve the key outcomes for the customer.

#### **CONTACT DETAILS**

#### **ENERFLEX**

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Enerflex further developed a system-by-system handover process which allowed the customer to commission progressively rather than upon completion of the construction. The site was handed over in four stages minimising the commissioning duration post-construction.

Peak manning was over 300 personnel with over 700,000 man hours worked. Despite the extent of change on the project, it was handed over to the customer 38 days ahead of schedule.