

Case Study: Billion USD Power Project Extreme Project Control



Situation

Our client was an IPP who had committed to construct a USD Billion plus 1,750 Megawatt gas fired power project, the largest private plant following the deregulation of the UK power generation industry. The construction schedule was 26 months with penalties of \$400K per day. INDECO was retained as Project Management Consultant for the execution phase. It soon became clear that construction activity particularly pipework had been severely underestimated and the plant was falling behind the construction schedule.

Approach

INDECO designed and implemented an extremely detailed earned value project control system. Progress and productivity by area, by discipline, by system and by supervisor were measured over Friday night. A progress meeting was held with all supervisors on Saturday morning to review progress, and importantly to identify emerging problems. Remedial actions and resource allocation was decided at the conclusion of the meeting.

Impact

The Project was completed to budget and schedule on the last day of the contractual period. The INDECO system was widely regarded as the key success factor of the Project.