



HALLIWELL

ROY LOW

SENIOR CONSULTANT,
TIME ELEMENT AND DELAY ANALYSIS SERVICES
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SPECIALTIES

- Forensic delay and timeline analysis
- Extensive international construction & site management experience including FEED, EPC and Commissioning phase
- Extensive experience across both Greenfield and Brownfield projects
- Knowledge of key aspects of Business Interruption (BI) and Delay in Start-Up (DSU)
- Project Controls, Planning & Execution
- In-depth knowledge of critical path analysis and methodologies
- Extensive experience of schedule analysis, Project Monitoring and Earned Value Management (EVM)
- Cost Reporting / Estimating
- Project Change Management / Claims
- Schedule reconstruction from first principles
- Expert report evaluation, analysis and preparation
- Experience in Construction claims and Extension of Time (EoT)
- Good understanding of major standard engineering and construction contracts, including FIDIC, NEC and JCT
- Proficient in Planning Software – P6, Asta, MS Project, Fuse

BIOGRAPHY

Roy is a Senior Consultant with over 19 years' experience across various major engineering and construction projects and sectors, including energy/power generation, downstream/upstream oil & gas, metal fabrication & manufacturing, automation, infrastructure, commercial and residential construction. Holding a degree in Electrical and Electronics Engineering, he brings specialised expertise in Forensic Delay Analysis, Project Controls, and Planning and Scheduling.

Roy has onsite construction experience from both the client and contractor side, giving him a well-rounded perspective on project delivery. Roy has demonstrated extensive experience in Insurance Business Interruption (BI) and Delay Start Up (DSU) claims, while delivering complex major international projects. His portfolio spans complex projects across a variety of construction sectors in the Middle East / Asia, Africa, UK / Europe and US.

His technical proficiency extends to advanced planning software, estimating and cost modelling, complementing his hands-on experience in energy, renewables, automation, and manufacturing sectors. Roy's comprehensive skill set and global project experience position him as a valuable asset in complex project environments.

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QUALIFICATIONS

BEng (Hons) Electrical and Electronics Engineering

INDUSTRY CERTIFICATIONS, LICENSES AND MEMBERSHIPS

- ECITB Certificate in Project Controls (City & Guilds)
- BTEC Level 7 Forensic Delay Analysis (Construction)

REPRESENTATIVE ASSIGNMENTS

POWER GENERATION

2,400MW Power Plant Project (Delay in Start-Up) – U.A.E | Senior Consultant & Delay Analyst

Provided assessment of DSU period, assessment of contractor's prolongation claims associated with significant time delay as a result of the soil settlement event at the boiler area, reheater and superheater tubing defects and COVID-19 pandemic event related delays.

50MW Greenfield Power Plant (Delay in Start-Up) – Republic of Guinea | Senior Consultant & Delay Analyst

Provided timeline analysis, reviewed programmes and timeline data, developed chronology of events, established 'what-if' scenario to forecast and determine likely project completion outcome, established potential DSU period associated with various damaged events and areas of the plant.

75MW CHP Power Plant (Efw) (Delay in Start-Up) – U.K. | Senior Consultant & Delay Analyst

Provided forensic claims analysis and assessment of DSU as a result of a crane incident and COVID-19 pandemic event related delays.

147MW Wind Farm Project (Delay in Start-Up) – South Africa | Senior Consultant & Delay Analyst

Responsible for the review of delay issues as a consequence of an insured event. Provided review of programmes and progress data to establish the pre-indent position and detailed chronology of events.

Hydropower Plant Project (Delay in Start-Up) – South Africa | Consultant & Delay Analyst

Provided the delay assessment, reviewed of programmes and monitored progress data to establish the pre-indent position.

Multiple 50MW Wind Farm Projects – Pakistan | Senior Consultant & Delay Analyst

Providing review and assessment of the construction programmes to determine its suitability for on-going Delay in Start-Up (DSU) project monitoring, highlighting any shortcomings and provide recommendations to facilitate project monitoring of activities moving forward.

Power Supply Upgrade Project – U.K. | Consultant & Delay Analyst

Assisting the as-built programme establishment process by incorporating and consolidating historical resource data and providing resource data analysis

OIL, GAS & PETROCHEMICAL

16.3MTA Integrated Crude Oil and Petrochemical Refinery Loss – Poland | Senior Consultant & Delay Analyst

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Analysed and assessed reinstatement timelines for a crude oil refinery, evaluating mitigation measures and delay analysis techniques to minimise business interruption and optimise plant restart.

100kbpd Crude Oil Refinery Loss – South Africa | Senior Consultant & Delay Analyst

Provided timeline analysis, technical assessment, and support of potential completion of a reinstatement programme in connection with a crude oil refining facility.

3.8MTA Petroleum Refinery – Ivory Coast | Consultant & Delay Analyst

Analysed the reinstatement programme with mitigation measures to minimise the exposure of business interruption, implementing programming delay analysis techniques to evaluate potential time savings and determine the impact on the potential start-up of the plant.

120kbpd Crude Oil Refinery Fire Loss – Germany | Consultant & Delay Analyst

An incident recorded requiring both retrospective and prospective timeline review. Provided independent review to determine the potential impact of the delays and likely period for reinstatement programme.

Mobile Offshore Production Unit – North Sea | Consultant & Delay Analyst

Assisted the delay expert in preparing expert reports and data collation for the delay and disruption analysis. Conducted assessments and review of delay issues.

Petrochemical Plant Fire Loss – Czech Republic | Consultant & Planning Analyst

Appointed to analyse the reinstatement programme with mitigation measures to minimise the exposure of business interruption. Worked closely with the insured and contractors to establish the actual impact of critical incidents, identify and analyse delays, establish the 'what-if' programme scenarios, expediting the acceleration and productivity of the reinstatement programme. Provided independent analysis on the concurrent and potential delays, optimising the schedule of pyrolysis furnaces, piperacks (steel structures), electric cabling and instrumentation / controls works reinstatement.

1.3MTA Ethylene Plant – Saudi Arabia | Planning/Project Controls Engineer

Planned and coordinated the Electrical and Instrument (E&I) construction schedule including the substation, emergency power generator building, instrument analyser house, motor test run for pumps, instrument loops testing and pre-commissioning/commissioning functional testing activities.

Responsible for the progress/performance reporting, expediting, scrutinising delays, identifying critical activities and opportunities for schedule acceleration. Supported the project change management process and project claims.

150kbpd Single Train Refineries – Middle East | Planning/Project Controls Engineer

Responsible for the schedule analysis on the Single Train Oil Refinery project (comprising two 150 kbpd refineries). Undertook progress monitoring and productivity reporting. Led the implementation of various progress tracking methods to establish effective reporting and identification of critical path activities, liaising with the client, planners, project managers, sub-contractors, and various stakeholders.

Process Automation System Project – Central Asia | Planning/Project Controls Engineer

Proactively identified, analysed, and monitored schedule deviations and recommended corrective action/work-around solutions for project considerations to avoid budget and schedule overruns.

Assessed and analysed the schedule impact to supporting the project change management process and assisted with claims; consolidated the identified risks, schedule, and cost impact to prioritise the

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change orders and provided effective review solutions to provide commercial awareness for the client and contractor organisations.

Offshore Tension-Leg Platform (TLP) Development Projects – North Sea | Planning/Project Controls Engineer

Provided a full range of Project Controls, Planning and Scheduling services to the owners, operators and investors. Developed and maintained the baseline programme. Estimated the resource and cost budget by collaborating with the Project Manager and Discipline Engineers.

INFRASTRUCTURE / BUILDING

District Heating Energy Project – U.K. | Consultant / Planning Engineer

Managed the project controls (budget, cost control and forecast reporting), coordinated the change management activities, supporting the accounting and finance invoicing. Assisted the contract coordination to ensure the project delivers target quality within budget and time.

Gas Pipeline Infrastructure Project – Ghana | Project Controls & Planning Engineer

Provided Project Controls and Planning services on a technical review and study of infrastructure assets, assessing the impact on time period to the introduction of first gas to onshore facility focusing on design, technical, operational and schedule integrity.

MANUFACTURING / HEAVY INDUSTRY

Aluminium Smelting and Power Plant – KSA | Senior Consultant & Delay Analyst

Provided independent forensic delay and programme analysis advice to the insurers and loss adjusters. Conducted site inspections, damaged pot assessments, timeline delay analysis, implemented programming delay analysis techniques to evaluate potential time savings and determined the impact on the potential start-up of the plant.

Aluminium Smelting & Power – Oman | Senior Consultant & Delay Analyst

Provided independent forensic delay and programme analysis advice to the insurers and loss adjusters. Conducted site inspections, provided assessments of damaged pot, timeline analysis, implemented programming delay analysis techniques to evaluate potential time savings and determined the impact on the potential start-up of the plant.

250kTA LSAW Pipe Manufacturing Plant – U.A.E. | Senior Planning Engineer/Project Management Consultant

Led and provided expert advice on the project controls, planning and scheduling coordination to support management activities. Helped to identify additional work scope and liaised with main contractor to produce and execute optimised programme. Helped to accelerate engineering design schedule by 1.5 weeks by identifying gaps and abnormality of logical work sequence through critical path analysis.