

INDEPENDENT TECHNICAL LEADERSHIP FOR POWER GENERATION PROJECTS

As an independent technical consultant for owners/operators, EPC contractors and engineering firms, I take the technical lead in defining, planning, reviewing and governing complex power generation projects, and in resolving high-consequence technical, contractual and execution challenges. Drawing on multidisciplinary experience across EPC, OEM and owner-side roles, I bring vendor-neutral judgment, a methodical approach, and a systems-level perspective to greenfield, brownfield, replacement, upgrade, outage and overhaul projects. I work primarily remotely, with targeted site involvement at critical gates.

Typical roles: Technical Project Lead • Owner's Engineer • Independent Technical Reviewer • Specialist Advisor

25+ YEARS	EPC · OEM · OWNER THREE-SIDED EXPERIENCE	6 PLANTS GT PORTFOLIO	~€70M MANAGED OWNER-SIDE CAPEX	400-800 MW CCGT PROJECTS
---------------------	--	---------------------------------	--	------------------------------------



CORE OFFERINGS

Technical Project Leadership & Recovery

Project planning, multidisciplinary team coordination, and oversight of scope, schedule, interfaces, risks, changes and executive decision support; project recovery in case of delay or deficiencies.

- Project initiation, concept development
- Feasibility studies
- Decision support for management approval
- Project planning
- Technical project leadership – including interim or project director roles
- Project recovery (when schedule or quality has slipped)
- Project audits
- Change and claim management

Project Definition, Tendering & Contract Support

Technical support through tendering, procurement, contract development and negotiation – including performance guarantees, compliance requirements and acceptance criteria.

- Development of Owner's Requirements and Design Basis
- Project execution and procurement strategy
- Technical tender documentation
- Technical bid evaluation – owner side
- Technical proposal support – contractor side
- Development and review of the technical sections of EPC and service contracts
- Definition of acceptance criteria, technical requirements and performance guarantees
- Contract negotiation support
- Deviation, warranty and dispute support

Across all major contract types: EPC, construction, engineering services, maintenance, framework agreements and long-term service agreements (LTSA/CSA) – contract development, review and negotiation; including public procurement.

Independent Technical Review & Project Assurance

Independent review of technical design and project documentation, supporting their development. Objective assessment of project readiness and delivery confidence, identification and recommended resolution of assumptions, gaps, and risks.

- Technical design and documentation reviews, support – from concept design to O&M manuals
- Owner's Engineer services
- Independent second opinions
- Project assurance – including constructability, operability and maintainability
- Pre-commitment technical review – before an order, contract or major decision
- Support for permitting documentation and regulatory approval processes
- Root Cause Analysis (RCA)

Engineering Integration & Interface Management

Technical coordination of engineering disciplines, package boundaries, interfaces and brownfield integration to ensure technical consistency, fulfilment of project requirements and successful delivery of a fully integrated, safe and operable power plant.

- Multidisciplinary engineering coordination and technical leadership
- Battery-limit and interface oversight and coordination
- Brownfield integration and vendor package integration
- Control and automation integration oversight and coordination
- Cross-party technical issue resolution and design closure

Outage, Commissioning & Acceptance Leadership

Technical leadership of major outages, commissioning and plant acceptance activities, from planning and readiness through commissioning, performance testing, handover and return to commercial operation.

- Planning and preparation of major outages and overhauls
- Technical coordination and leadership of outage execution
- Coordination of multidisciplinary vendors, contractors and commissioning teams during critical project phases
- Preparation and oversight of installation, commissioning and trial runs
- Verification of project readiness, Mechanical Completion and system handovers
- FAT/SAT, performance and compliance test oversight; acceptance and handover support
- Recovery of stalled site work and commissioning activities
- Coordination and verification of punch list close-out

Services Not Provided

Where an assignment requires statutory authorisation, specialist certification or additional delivery capacity, I can support the project by coordinating trusted specialist partners. However, I do not undertake the following services under any arrangements.

- Engineer of Record responsibility
- EPC or construction contracting, equipment supply, procurement
- Accredited certification, Notified Body, Independent Engineer (Lender's IE) or statutory inspection services
- Legal, tax or financial advisory
- Performance or commercial guarantees

INVOLVE ME WHEN

PROJECT DEFINITION NEEDS CLARITY	DELIVERY NEEDS CONTROL	ASSUMPTIONS NEED CHALLENGE	READINESS NEEDS ASSURANCE
Scope, design basis, execution strategy, tender or contract must be coherent before commitment.	The project team, schedule, interfaces, changes and decisions need clear ownership and control.	A design, proposal, vendor position or readiness claim needs an independent second opinion.	An outage, major overhaul, FAT/SAT, commissioning or acceptance milestone carries material exposure.

SELECTED EXPERIENCE – THAT COMPLETES THE PROJECT

EPC PROJECT DELIVERY	OEM SERVICES	OWNER-SIDE CAPEX PROJECTS
Engineering, system integration, installation supervision, commissioning and warranty support on 400 MW and 800 MW international CCGT projects.	Technical, contractual and commercial management of GE heavy-duty GT LTSA/CSA contracts and outages across Central and Eastern Europe.	Nine years at MVM (Hungary's national utility group) leading a ~€70M CAPEX portfolio and its major projects across six GT plants – unit replacement, controls upgrades, turbine refurbishments and LTSA contracting.

MINISTERIAL CERTIFICATE OF RECOGNITION • Hungarian Ministry of Technology and Industry (2022), in recognition of outstanding professional achievements in power plant CAPEX projects.

START WITH A SPECIFIC PROBLEM

A short brief, problem statement or document index is enough for me to assess the issue, confirm fit and propose the smallest practical starting scope for the solution.

DEZSŐ MEZŐ

Managing Director
mezodezso@dfield.hu
+36 20 722 0001
dfieldsystems.com