

# Charles Hatch

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Littleton, CO 80120

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## CAREER PROFILE

Accomplished **Mechanical Engineer, Project Manager, General Contractor, & Carpenter** with a proven track record in project development, system design, project/account management, preventive maintenance, planning, commercial and residential construction projects. Commercial, industrial, and residential construction projects with excellent results. Team player with integrity who gets the job done. Background in both engineering and construction connecting the technical and the practical.

## ACCOMPLISHMENTS

- Successful completion of a design/build re-construction project for a home destroyed in the CARR Fire in CA.
- Project Manager for Power Generator retrofit projects. Including: scheduling, major equipment procurement, cost management, customer service, client/vendor/sub-contractor coordination. *These projects consistently maintained the highest profit margin in the company.*
- Project Manager of a generator repair and preventive maintenance program for a Top 3 Major US Retailer – including 20+ vendors, 900 projects, 2.5 million dollar plus budget, two month time frame, *97% completion rate.*
- Multidisciplinary training in structural, mechanical, and civil engineering, as well as commercial carpentry and general contracting projects.

## AREAS OF EXPERTISE

### General Contracting & Carpentry

- Commercial & Residential Additions, New Construction, & Remodeling. Additional floors, structural remediation, additions, layout, framing, footings, drywall, trim, cabinets, doors, windows, kitchens, bathrooms, commercial kitchen, restaurant space, soffits, wood & steel stud, drop ceilings, estimation, cost proposals, supervision, management

### Account Management

- Provided emergency, repair, and preventive maintenance services for over 50 locations utilizing in-house and subcontracted vendor services for generators, ATS's, and UPS's for a Top 20 communications company.
- Build relationships, understand priorities, and develop trust with clients.

### Project Management (construction/equipment retrofit)

- Evaluated scope of work for equipment sales, engineering, and construction.
- Strong understanding and necessity for detailed process plans, including approvals for: budget, payments, procurement, shop drawings, and scheduling subcontractors.
- Construction management and building process documentation; provided construction practice and design improvements, for Asian and Middle Eastern humanitarian aid projects
- Developed construction cost estimates, reviewed code requirements and compliance, shop drawing review, on-site survey, and as-built documentation
- Excellent communication/interpersonal/conflict management skills, experienced in handling design/construction issues, project closeout.

### Equipment and Parts Sales/Applications Engineering

- Managed incoming sales calls; including new equipment, systems, and repairs.
- Support Outside Sales: provided engineering, equipment selection, cost estimation, proposals, customer service
- Developed innovative business plans providing stronger market strategies

### System Design

- Fuel Storage, handling, measurement, dispensing, receiving, load/unloading, controls, spill containment systems
- Fuel Systems for aircraft, vehicles, railroad locomotives
- Data Center cooling and infrastructure systems
- Emergency backup power systems

### Computer Skills

- MS Office – Word, Excel, Outlook, PowerPoint, MS Teams
- Experienced 2D Autodesk - 10k hours plus

## EMPLOYMENT

**Enabled Energy** Littleton, CO 2018-Present  
**Senior Construction Manager (contract employee & full time employment)**  
Data Centers – focus on implementing energy cost savings projects, including: EC Fan installation, VFD installation, Control Systems, and LED Lighting retrofits

**Great North Renovations/ABR Structures,** North Branch, MN & Redding, CA 2004-Present  
**Owner/Operations/Management/Sales**  
Commercial/Residential General Contractor – additions, kitchens, bathrooms, porches, interior renovations, greenhouses, windows, doors, trim, tile, cabinetry, restaurants, office spaces, nursing homes, institutional construction

**Hypertect Inc.,** Forest Lake, MN 2012  
**Project Manager/Mechanical Engineer - Data Center Design, Build, & Management Services**  
Provide Engineering Design and Project Management Support to Engineering & Construction Group, Equipment Procurement, Construction Scheduling.  
**Director of Operations – Data Center Design, Build, & Management Services** 2014-2015  
Provide support to Project Management, Sales, System Design, Cost Estimation, Customer Service, Equipment Procurement, NDA & MSA Administration, Operations

**Titan Energy Systems** Eden Prairie, MN 2012 - 2014  
**Project Manager – Generator, ATS, UPS Equipment Sales & Services**  
Provide Project Management for Emission Systems Retrofit Projects, Account Manager for Emergency, Repair, and PM Services, Support to 24/7 Emergency Services Group, Financial Oversight for projects, Customer Service, Commercial / Industrial Generac Generator Dealer

## EDUCATION

**Rochester Institute of Technology,** Rochester NY May 1988  
Bachelors of Science – Mechanical Engineering Technology

Lakes and Plains Carpenter Apprenticeship Program St Paul, MN June 2001

## ADDITIONAL COURSEWORK

Structural Design – Steel and Concrete (R.I.T.)  
Structural Analysis (Drexel University)  
OSHA 30 (in process, on-line)