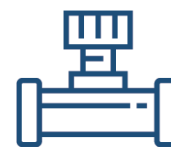
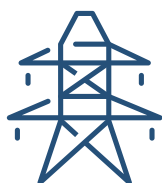




PERCHERON
MAKING LIVES BETTER

The Partner that can help bring your Green Hydrogen project to life

From renewable energy generation through gas distribution, Percheron's team can help with each stage of your green hydrogen project. Whether you need a fully integrated solution or need help with any one aspect, our team can meet your project needs.



Renewable Electricity Generation

- Project Management
- Site Selection and Evaluation
- Environmental Planning and Permitting
- Engineering and Design
- Surface and Mineral Ownership
- Option and Lease Negotiations
- Survey, As-Built and Alignment Sheets
- Construction Support

Electric Transmission and Water Pipeline

- Project Management
- Environmental Planning and Permitting
- Route Selection and Evaluation
- Engineering and Design
- Vesting Title
- 30/50 Year Limited Title Certificates
- Easement Negotiations
- Survey, As-Built and Alignment Sheets
- Construction Support and Damage Settlements

Electrolyzer

- Project Management
- Environmental Planning and Permitting
- Site Selection and Acquisition
- Engineering and Design
- Surface and Mineral Ownership
- Option and Lease Negotiations
- Survey, As-Built and Alignment Sheets
- Construction Support

Gas Pipeline and Hydrogen Storage

- Project Management
- Route Selection and Evaluation
- Site Selection and Acquisition
- Environmental Planning and Permitting
- Engineering and Design
- Vesting Title
- 30/50 Year Limited Title Certificates
- Easement Negotiations
- Site Acquisition
- Survey, As-Built and Alignment Sheets
- Construction Support and Damage Settlements

To find out how we can help, contact us



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What We Do

Engineering

- Project Management
- Due Diligence Studies and Regulatory Compliance
- Route Selection/Evaluation, Constructibility Review and Micro-Routing
- Concept and Project Scope Development and Total Installed Cost (TIC) Cost Estimates
- Pipeline & Facility Design
 - › Transmission / Gathering Pipelines (Urban and Rural)
 - › Meter Stations
 - › Pump Stations
 - › Storage Facilities
- Balance of Plant Design
- Transmission System Design
- Distribution System Design
- Solar Panel and Wind Turbine Layouts
- Energy Storage Layouts
- Construction Specifications
- Hydrostatic Test Procedures
- Horizontal Directional Drill (HDD) Design including Drilling Fluid Management and Hydraulic Fracture Analysis
- Purging and Commissioning Procedures

Environmental

- Federal Energy Regulatory Commission Filings
- US Army Corps of Engineers Permitting
- US Fish & Wildlife Service
- Water Quality Certifications
- Wetland & Habitat Conservation/Mitigation
- Conservation Banking
- Threatened & Endangered Species Consultation
- National Historic Preservation Act Consultation
- National Environmental Policy Act (NEPA)
- Application for Permit To Drill
- Scenic River Permits
- Environmental Compliance
- Pre & Post Construction Assessments
- Constraint Mapping
- Public Outreach
- Expert Testimony

Survey

- Boundary surveys
- Topographic/Design Surveys
- Right of Way Parcel Plats/Descriptions
- Construction Surveying
- As-Built Surveying
- High-Density Surveys (Laser Scanning/ Terrestrial LiDAR)
- ALTA/NSPS Land Title Surveys
- Well Permit Surveys
- Unit Designation Surveys
- Geodetic Control Surveys
- Well Pad/Access Surveys
- Alignment Sheet Production
- Easement or Subdivision Platting
- Permits
- Right of Way Maps
- GIS Mapping
- Bathymetric/Hydrographic Surveys
- Navigable Waterway Inspections
- Depth of Cover Surveys
- Dig Staking
- Classification Change Surveys

GIS

- Enterprise Level GIS Data Management
- Routing and/or Routing Support
- Feasibility study route creation
- Engineering Route Maps, Preliminary Exhibits, Permit Maps, Map Books, Etc.
- Webmap Applications and Support
- Proprietary GRID database
- ArcGIS Field Maps
- MOC tools to track reroutes
- Reporting Dashboards
- Dynamic customization and integration to most 3rd party and client platforms
- Siting and/or AOI Support
- Siting analysis
- HCA Analysis and Material Estimation
- Identifying class requirements within +/- 20% for material estimates.
- Advanced Analysis
- Raster analysis, disturbance modeling, weighted value analysis, proximity analysis, etc.

UAS

- Traditional Photogrammetry
- Airborne LiDAR
- Airborne Topographic Surveys
- Terrestrial LiDAR/Laser Scanning
- Mobile Mapping/LiDAR Surveys
- Large- and Small-Scale Volumetric Surveys
- Route Selection Assistance
- PHMSA/Regulatory Surveys
- Tank/Facility Documentation Surveys
- Aerial Reclamation Investigation and Survey Support
- UAS Equipment Feasibility and Case Studies
- UAS BVLOS and Sensitive COA Projects

Land

- Project Management
- Feasibility Studies
- Route and Site Selection
- Due Diligence
- Oil & Gas Lease Acquisition/Amendment
- Right-of-Way Acquisition/Amendment
- Non-environmental Permitting
- Fee/Mineral Acquisition
- Geophysical Testing Permit Acquisition
- GIS/Mapping
- Lease Records/Asset Management
- Land Administration Support/Document Recording
- File Review/Assimilation & Data Entry
- Surface Site Acquisition & Settlement of Surface Damages
- State & Federal Lease Sale Representation
- Eminent Domain Support
- Construction Monitoring & Damage Settlement
- Relocation Assistance
- Operations Support & Maintenance
- Survey Permissions
- Survey Support

Title

- Lease Checks
- Mineral Title Research
- Runsheet/Certified Title Preparation
- Surface Title Research
- Limited Title Certificates
- Chain of Title Preparation
- Production Research
- Title Document Management
- Title File Review/Assimilation & Data Entry
- Project Management
- Tax Research
- Due Diligence



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