

NV5 delivers

cutting-edge engineering and consulting services related to power generation, transmission, distribution, and construction to help meet your project and maintenance needs.

With a growing demand for utility production, reliability, compliance, and efficiency – along with the emerging importance of renewable energy – we utilize state-of-the-art tools and our nationally-recognized staff to turn innovative approaches into practical solutions.

NV5

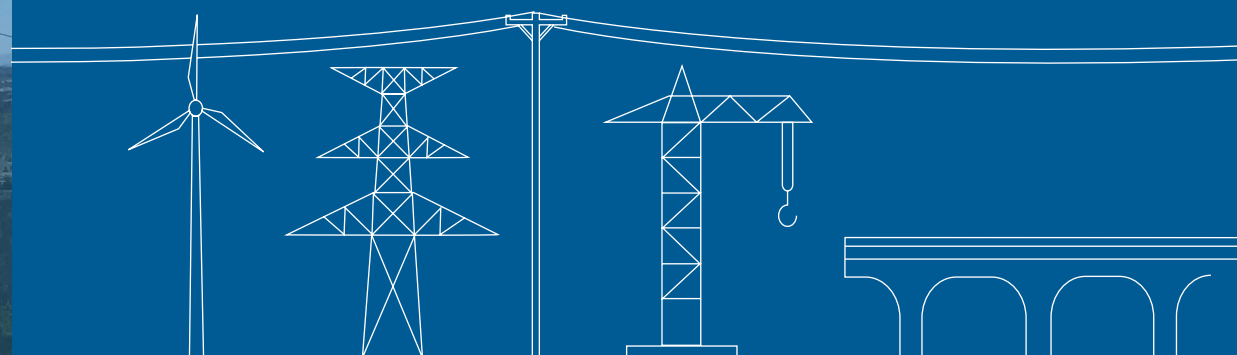
OFFICES WORLDWIDE

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UTILITY SERVICES

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NV5 is a leading provider of engineering and consulting services to public and private sectors, offering solutions through six business verticals:

- Testing, Inspection & Consulting
- Infrastructure
- Utility Services
- Environmental Health Sciences
- Buildings & Program Management
- Geospatial Technology

WITH OVER 3,300 PROFESSIONAL ENGINEERS and technical support staff in 100 offices worldwide, NV5 plans, designs, tests, constructs, certifies, and operates projects that improve the communities where we live and work.

FOR MORE INFORMATION:
Visit our website www.NV5.com

Services

RENEWABLE ENERGY

- Environmental Compliance Monitoring
- Delegate Chief Building Official Services
- Worker and Site Safety Monitoring
- Onsite Construction Inspection
- Engineering and Design Review
- Environmental Compliance Monitoring
- Engineering & Design
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

LIQUEFIED NATURAL GAS FACILITIES

- Storage and Vaporization Facilities Engineering, Procurement, and Construction
- Liquefaction Facilities Engineering, Procurement, and Construction
- LNG Loading and Unloading Facilities Engineering, Procurement and Construction
- Plant Electrical and Control Infrastructure
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

ELECTRIC TRANSMISSION OVERHEAD AND UNDERGROUND LINES

- Route Feasibility and Engineering Studies
- Overhead to Underground Conversion Design and Engineering
- Existing Structure and Foundation Analysis, Design and Engineering (PLS-CADD, PLS-Pole, PLS-Tower)
- Fire and Storm Hardening Planning, Design and Engineering
- Structure Inspection and Damage Assessments and Fire Hardening Design
- Reconductor, Recabling, Re-Rating Existing Lines, including Cable Ampacity, EMF and Pulling Tension Studies
- Compliance Pole Inspection and Remediation Programs
- NERC Compliance and Support
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

SUBSTATIONS

- Physical and Electrical and Design, including Civil Site Development
- Constructability, Construction Phasing and Commissioning
- Feasibility and Electric Studies
- NERC Compliance Discovery and Remediation
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

NATURAL GAS

- Environmental Inspection
- Craft Inspection
- Program and Project Management
- FERC Permitting Compliance and Support
- Meter and Regulator Station Design, Procurement, and Construction
- Transmission Pipeline Engineering, Design, and Construction
- Horizontal Directional Drill and Jack and Bore Pipeline Design
- Distribution System Design and Main Replacement Program Services
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

ELECTRICAL SYSTEM PROTECTION, CONTROLS AND AUTOMATION

- Distributed and Enterprise-Level Architectures
- Protection and Control Systems
- Integration Monitoring
- Secure Real-Time Communication Networks
- SCADA and Automation Solutions
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

PLAN REVIEW AND INSPECTION SERVICES

- Code Compliance Plan Review
- Building and Specialty Construction Inspection
- Environmental Permitting and Monitoring
- FERC Compliance

FIBER OPTIC CABLE AND TELECOMMUNICATIONS

- Emergency Restoration and Storm Remediation
- Network Expansion
- Field Audits and Feasibility Studies
- Overhead and Underground Infrastructure Design
- Delegate Chief Building Official Services
- Plan Review and Inspection Services

PROGRAM MANAGEMENT

- Owner's Representation Services
- Cost Estimating
- Scheduling
- Due Diligence
- Gap Analysis



NV5 has proven to be a very capable and innovative consultant. Performances of this magnitude are rare in this industry. It is apparent with your firm's experience working with SDG&E you have become a valuable member of our team and we have grown to rely upon your services and experience as if you were a part of our family."

Ariel Conde, Sr. Designer ETE
Transmission Design | San Diego Gas & Electric



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