

THE ALLIANCE GROUP ENTERPRISE, INC. PROFILE



The Alliance Group Enterprise, Inc. (TAGE),
A California-based **multi-disciplinary engineering firm** with headquarters in Los

Angeles, The Alliance Group Enterprise, Inc. (TAGE) is certified as a **Small Business Enterprise (SBE)** by Caltrans and Los Angeles Metro, a **Disadvantaged Business Enterprise (DBE)** by CUCP, and a **Small Business** by the Department of General Services (DGS). TAGE also maintains an **A+ rating with the Better Business Bureau (BBB)**. Since its inception, TAGE has earned a reputation as a *"Consultant of Choice"*, consistently delivering projects that exceed client expectations in both the U.S. and international markets.

Building upon its strong foundation in **utility, civil, and infrastructure engineering**, TAGE has expanded its expertise into the **renewable energy sector**, with a proven track record in **Mexico's fast-growing solar industry**. Our team has provided **design, owner's engineering, and independent engineering services** for some of the country's most ambitious solar developments, including a **100 MW facility near Torreón, Coahuila**, and participation in the **conceptual and early-stage design for the 680 MW Misae Solar Park in Childress County, Texas**, one of the largest solar projects in North America.

With project sizes ranging from **3 MW to over 680 MW**, TAGE brings deep technical knowledge in **substation design, transmission interconnection, conceptual and preliminary design, commissioning, and commercial operation certification**. This experience enables us to deliver value across the full lifecycle of renewable energy projects, from feasibility studies to COD certification.

By integrating our **proven infrastructure expertise** with **renewable generation know-how**, TAGE is uniquely positioned to support **large-scale solar expansion in Mexico**, where demand for utility-scale clean energy is accelerating. Our responsive project teams are committed to **precision, productivity, and client success**, making TAGE the ideal partner for advancing the country's renewable energy transition.



THE ALLIANCE GROUP ENTERPRISE, INC.

Headquarter Office Location:

Equitable Plaza,
3435 Wilshire Boulevard, Suite 920, Los Angeles, CA 90010

Branch Office Location:

3525 Hyland Avenue, Suite 205
Costa Mesa, CA 92626

Mexico B.C. Office Location:

Calzada Anáhuac y Lázaro Cardenas #862,
Planta Alta, Fraccionamiento ampliación
Jardines del Lago, Mexicali, Baja California, C.P. 21330

Type of Firm: Corporation

State of incorporation: California USA,
Baja California MX

Certifications:

CUCP DBE #41797
LA Metro SBE #6393
LA County MBE/LSBE #17922301
City of LA SBE #2016581
City of LA EBE #2016581
City of LA SLB #2016581

CA General Contractor License # 1094077
(A & B)

Services Offer:

- * Site & Feasibility Engineering**
- * Civil Engineering**
- * Structural Engineering**
- * Electrical Engineering (AC/DC System)**

ACTIVE SOLAR UTILITY PROGRAM

MOHAVE COUNTY, AZ – 508 MW PV PLANT (2025, IN PROCESS)

The Alliance Group Enterprise, Inc. (TAGE) is serving as Lead Design consulting firm for a 508 MW utility-scale solar facility in Mohave County, Arizona. Our scope of work includes full PV system engineering, encompassing array layout optimization, DC/AC collection system design, and electrical studies to ensure efficient performance and reliability. We are providing civil and structural coordination for racking foundations and grading, as well detailed engineering for the medium-voltage collection network and high-voltage substation to support utility interconnection. TAGE Inc. is also responsible for integrating protection schemes, **SCADA/communications, and compliance with NEC, IEEE, and utility** to deliver one of the largest photovoltaic plants in the region, supplying more than 500MW of clean power to the grid.



Services:

- Substation & Interconnection Design
- Conceptual, Preliminary & Final Design
- Commission & Commercial Operation Certification
- Owner's Engineering & Independent Engineering
- Regulatory & Stakeholder Coordination

CHILDRESS COUNTY, TX – 420MW PV PLANT (2024-2025, IN PROGRESS)



TAGE is currently serving as Owner's Engineer for the 420 MW expansion of the Misae Solar Park in Childress County, Texas. In this role, TAGE provides comprehensive technical oversight, design review, and construction support to safeguard the owner's interest throughout project development. Our scope ensures that all engineering deliverables, interconnection facilities, and construction activities meet regulatory requirements, utility standards, and long-term performance objectives.

Services:

- Design Review & Technical Oversight
- Substation & Transmission Interconnection Support
- Construction Monitoring & Quality Assurance
- Schedule & Milestone Verification
- Performance & Reliability Analysis
- Regulatory & Stakeholder Coordination
- Commercial Operation Readiness Review

FINALIZED SOLAR UTILITY PROJECTS

TORREÓN, COAHUILA, MEXICO – 100 MW PV PLANT (2015–2016)

TAGE Inc. provided engineering support for the design and execution of a 100-MW solar facility, one of the earliest utility-scale photovoltaic projects in northern Mexico. Our team supported the development of detailed design deliverables, coordinated with local authorities and contractors, and ensured compliance with Mexican electrical codes and international standards.



We contributed to system layout, equipment selection, and construction oversight, helping establish a reliable and bankable project that marked a milestone in the region's renewable energy expansion.

Services:

- Engineering Design Drawings & Technical Specifications
- Supported PV System Layout and Electrical Collection Design
- Local Contractors, Suppliers, and Authorities
- Equipment Selection and Procurement Support
- Problem-Solving and Engineering Support
- Compliance with Mexican Regulations and International Codes
- Contractual Compliance Assessment
- Stakeholder Coordination
- Commercial Operation Certification

IMPERIAL COUNTY, CA – 153 MW PV PLANT (2020)



TAGE acted as the Independent Engineering Consultant for a 153MW photovoltaic in Imperial County, California. In this role, our team provided impartial technical oversight and owner representation throughout project development and execution. Our services standards, while safeguarding the interests of the project owner, lenders, and stakeholders.

Services:

- Due Diligence & Technical Review
- Financial & Risk Assessment Support
- Construction Monitoring
- Testing & Commission Oversight

- Regulatory & Code Compliance Review
- Owner & Lender Representation
- Operation Readiness Verification

NORTH CAROLINA – 100 MW PV PLANT (2017)

TAGE Inc. provided comprehensive technical due diligence and engineering review services in support of project financing for a 100-MW utility-scale solar development in North Carolina. Our team evaluated the project's design, performance models, and equipment specifications to confirm compliance with



applicable codes and industry standards. Scope included detailed assessments of PV module and inverter selection, array layout and interconnection design. As well as long-term energy yield forecasts. TAGE Inc. reviewed EPC contract provisions, O&M strategies, and permitting documentation to validate feasibility and mitigate investor risk. Acting as trusted third-party consultant, we delivered an independent assessment that supported successful financial close and ensured lender confidence in the project.

Services:

- Technical Due Diligence
- Design and Engineering Reviews
- Equipment Specifications
- Energy Yield Forecasts
- EPC Contract Terms
- Operations and Maintenance
- Permitting and Regulatory Compliance

FRESNO COUNTY, CA – 250 MW PV PLANT (2017)



TAGE Inc. represented the project owner during the design and construction of a 250-MW utility-scale solar facility in Fresno County, California. Our role encompassed independent technical review of design documents, oversight of engineering deliverables, and verification of construction quality to ensure compliance with codes, standards, and project requirements. We served as the owner's trusted advisor by coordinating with EPC

contractors, validating equipment selections, and monitoring construction activities, while also managing risk and ensuring the project met schedule and performance expectations. Through this engagement, TAGE Inc. safeguarded the owner's interests and helped deliver one of the region's largest solar installations.

Services:

- Review of Engineering Design Documents
- Equipment Selection and Performance Ratings
- Civil, Structural, and Electrical Design Deliverables

- Construction Activities, and Installation Practices
- EPC Contractor & Utility
- Testing, Commissioning, and Quality Control Procedures
- Owner's Technical and Contractual Interests

TULARE COUNTY, CA – 80MW PV PLANT (2023)

TAGE served as the Commercial Operation Certification Consultant for an 80MW solar project in Tulare County, California. In this capacity, our team conducted a comprehensive evaluation of the project's readiness for operation, ensuring compliance with utility interconnection standards, contractual obligations, and performance guarantees. The certification process provided independent confirmation to the owner, investors, and utility that the facility met all technical and regulatory requirements to achieve Commercial Operation Date (COD).



Services:

- Facility Inspection & Verification
- System Performance Testing
- Interconnection Compliance Review
- Documentation & Records

KERN COUNTY, CA – 30 MW PV PLANT (2014)



TAGE Inc. provided substation engineering and system integration services for a 30-MW photovoltaic facility supporting renewable power delivery in Kern County, California. Our scope included the design of medium- and high-voltage substation facilities, integration of protective relaying and control systems, and coordination with the local utility to meet interconnection requirements. We developed detailed design packages to ensure compliance with NEC, IEEE, and utility standards while also supporting construction and testing activities. Through this role, TAGE

Inc. helped deliver a reliable and efficient interconnection solution that enabled clean energy generation for the region.

Services:

- Substation Engineering Design Packages
- Protective Relaying and Control Systems
- Load Flow and Short-Circuit Studies
- Utility Engineering
- Construction Drawings and Technical Specifications
- Field Engineering Support
- Compliance with NEC and IEEE and Utility Standards

KEY PERSONNEL QUALIFICATIONS

Our Team



Andy Duong, PE | Principal-In-Charge

Andy Duong is a highly qualified and accomplished senior Project Manager with over twenty-five years of experience in executing engineering and potential projects successfully. Possess outstanding communication and analytical skills. Andy is specializing in transportation & infrastructure engineering projects with proven track record and strong desire of providing superior client service and delivery. Andy has led and performed many management & design efforts in highway/roadway, heavy and light rail, maritime, Aviation, civil and private development projects for clients throughout Southern California.

PROJECT EXPERIENCE

- SMCTA-US 101 and SR-92 Direct Connector Project, CA. Drainage Lead.
- California High Speed Rail Authority-Palmdale to Burbank Section Environmental & Preliminary Engineering Project, CA, Project Manager, TAGE
- LABOE-Sixth Street Viaduct Replacement Project, Los Angeles, CA, Construction Manager/Third Party Coordination Lead, The Alliance Group Enterprise, Inc.
- Los Angeles World Airport (LAWA)-Automated People Mover (APM), Los Angeles, CA-Contract Manager, TAGE
- Riverside County Transportation Commission (RCTC)-I 15 Express Lane Southern Extension Project, Riverside, CA – Project Manager, TAGE



Adrian Troncoso | Technical Lead

With more than 22 years of diverse experience, Mr. Troncoso is an instrumental engineer with broad knowledge and skills in Water Resources and Roadway Drainage. He has a strong design background in City of Los Angeles design policies and procedures. Mr. Troncoso is familiar with fast-paced engineering environment where projects may be derived from a number of delivery methods including conventional public bid projects, design build and Public-Private-Partnership (P3) projects. Over the last two decades, Mr. Troncoso has been involved and delivered various types of projects from large to small size for both of the public and private clients throughout Southern California. He has managed large team of technical staffs, overseen and produced engineering designs including project research, storm water management designs, plans preparation and participate in business development activities.

PROJECT EXPERIENCE

- LA Metro-G Line BRT Improvements Project, Los Angeles, CA, Drainage Lead
- LAWA-Automated People Mover (APM), Los Angeles, CA, Project-wide Drainage Design Lead, The Alliance Group Enterprise, Inc.
- LABOE-Parker Center Demolition Design-Build Project, Los Angeles, CA, Technical Design Manager, The Alliance Group Enterprise, Inc.
- LA Metro-LA Union Station Forecourt and Esplanade Project, Los Angeles, CA, Technical Lead, TAGE
- LA Metro-Purple Line Section 3 (PLE3), Los Angeles, CA-Roadway Restoration Design Lead, TAGE
- RCTC I-15 Express Lane Southern Extension Project, Riverside, CA – Deputy Project Manager, TAGE
- LA Metro-G Line BRT Improvement Project, Los Angeles, CA. Project Manager



Joseph Atienza, PE, TE | Principal Traffic Manager

Mr. Atienza has over 25 years of experience in the areas of Transportation & Traffic Engineering. His experience includes project and design management, project delivery, QA/QC, supervising and mentoring staff, project engineering, and design. Mr. Atienza is a registered professional civil and traffic engineer in the State of California. He is also actively participating as a subject matter expert for the California Board for Professional Engineers for both civil and traffic engineering. Mr. Atienza is highly self-motivated and contributes to project objectives with his design and project management skills. He has a strong technical and management background to be part of a team in developing and designing transportation projects.

PROJECT EXPERIENCE

- LABOE, StreetsLA-Mission Miles Sepulveda ATP 5 Project, Los Angeles, CA. Traffic/Lighting Lead.
- LAWA-Automated People Mover (APM), Los Angeles, CA, Lighting Design Lead, The Alliance Group Enterprise, Inc.
- LA Metro-Orange Line (MOL), Los Angeles, CA – Traffic Manager, TAGE
- Metropolitan Water District (MWD) – Second Lower Feeder PCCP, Reach 3, Los Angeles, CA, Traffic Manager, TAGE
- LABOE-Soto Roadway Widening from Multnomah to Mission Road, Los Angeles, CA, Traffic & Lighting Design Manager, TAGE
- LABOE-Parker Century Demolition Project, Los Angeles, CA, Traffic Manager, TAGE



Kenneth Lehman, PE | Roadway & Highway Program Manager

Mr. Lehman is a highly qualified and accomplished Senior Project Manager with approximately 30 years of experience in executing engineering and potential projects successfully. He possesses outstanding communication and analytical skills. Mr. Lehman is specialized in infrastructure and transportation engineering projects with proven track record and strong desire of providing superior client service and delivery. Mr. Lehman has led and performed many management & design efforts in highway/roadway, heavy and light rail, port facilities, infrastructure and private development projects for clients throughout Southern California

PROJECT EXPERIENCE

- LABOE-Soto Roadway Widening from Multnomah Road to Mission Road, Los Angeles, CA. Sr. Roadway/Civil Engineer. TAGE
- LABOE, Street Improvement Division (SID)-Affordable Housing & Sustainable Community (AHSC) Cycle 5 Projects, Los Angeles, CA. Project Manager, TAGE
- LABOE-Tujunga, Strathern & Fair Avenue Street Widening Project, Los Angeles, CA. Project Manager. TAGE
- Port of Long Beach-Pier B On Dock Rail Support Facility Project, Long Beach, CA. QC Manager. TAGE
- City of LA, StreetLA - Affordable Housing & Sustainable Design Round 5 (7 projects)-Project Manager/Roadway Manager. TAGE
- City of LA, Street Improvements Division (SID), TOS 702 ADA Ramp Design. Project Manager. TAGE



Carlos Hernandez, P.Eng | Sr. Engineer

Mr. Hernandez is a results-oriented, well organized and highly accomplished Senior Drainage/Utility Engineer with more than 16 years of design and management experience in the field of transportation infrastructure and land development engineering. He has been involved, managed and overseen/produced engineering designs including project research, sewer & water layout, storm water management design, hydraulic & hydrology studies, along with several design reports, calculations and bid packages. He is working collaboratively well with the project managers, team members and multi-discipline design teams.

PROJECT EXPERIENCE

- LA Metro-Purple Line Section 3 Project, Los Angeles, CA, Roadway/Civil Engineer, TAGE
- Los Angeles World Airport (LAWA)-Automated People Mover (APM), Los Angeles, CA, Sr. Utility and Drainage Engineer
- Riverside County Transportation Commission (RCTC)-I 15 Express Lane Project Southern Extension, Riverside, CA, Sr. Drainage Engineer, The Alliance Group Enterprise, Inc.
- LA Metro-G Line BRT Improvement Project, Los Angeles, CA. Senior Drainage Engineer.
- City of LA, Street Improvements Division (SID), TOS 702 ADA Ramp Design. Sr. Civil Engineer. TAGE
- Caltrans D10 On Call, Task Order #5 (SR-4 & SR-49). Sr. Drainage Engineer. TAGE



Wendell Taylor | Sr. Utility Manager

Mr. Taylor has over 30 years of Third-Party Utility Coordination with city of Los Angeles Public Works departments, Public and Private Utility Agencies and DB construction JV teams to accommodate utility relocations for LA Metro transit projects and Caltrans DB. Extensive experience with preparation of Utility Relocation Plans (U-Sheets), integrating advanced and project utility work with project roadways and structures, station platforms and ancillaries; coordination for approval of public and private utilities including City water, sewer, and storm drains; gas and power transmission and distribution systems; OH & UG telecom, CATV, TPSS and SCADA systems. Extensive experience with Subsurface Utility Engineering, coordination with surveyors, potholing, and utility research.

PROJECT EXPERIENCE

- LABOE-Soto Roadway Widening from Multnomah to Mission Road, Los Angeles, CA, Utility Manager, TAGE
- Riverside County Transportation Commission (RCTC)-I 15 Express Lane Project Southern Extension, Riverside, CA, Utility Lead, The Alliance Group Enterprise, Inc.
- Metropolitan Water District (MWD) – Rialto Feeder PCCP, San Bernardino County, CA, Utility Engineer, TAGE
- Caltrans District 7, Multiphase Project Specific Contract for SR-164, SR-72 and SR-138, Los Angeles County, CA, Utility Engineer, TAGE
- Caltrans District 7 – Utility investigation, positive location and relocation design on various highway routes (SR-2, 134, 27, 101). Utility Manager.



Hank Bao, PE | Sr. Electrical Engineer

Hard-working and reliable Electrical Engineer with over 30 years of experience in the design, construction, and maintenance of electrical systems. Forward-thinking when reviewing project requirements to determine practical and precise solutions, with proven proficiency in calculating loads, estimating costs, and developing design specifications. Experienced in substation design, transformer engineering, and large-scale utility projects, including construction oversight and long-term maintenance programs. Has supported the design and commissioning of power plants and transmission line interconnections, ensuring compliance with NEC, IEEE, and utility standards.

Mr. Bao worked with the Los Angeles Bureau of Street Lighting for more than 30 years, providing leadership on major public infrastructure projects and training numerous electrical engineers in technical best practices. Currently, he serves as a lead consultant on

PROJECT EXPERIENCE

- LABOE, StreetsLA-Affordable Housing & Sustainability Community Design (AHSC) Round 4 and 5, Los Angeles, CA. Lighting Design Lead.
- LAWA-Automated People Mover (APM), Los Angeles, CA, Project-wide Lighting Design Lead, The Alliance Group Enterprise, Inc.
- LABOE/StreetLA – Affordable Housing & Sustainable Community (AHSC), Cycle 4 & 5, Los Angeles, CA, Lighting Design Lead on all 12 Projects. The Alliance Group Enterprise, Inc.
- LABOE-Huntington Drive Multimodal Project, Los Angeles, CA. Senior Lighting Engineer. The Alliance Group Enterprise, Inc.
- LABOE – Eastern Avenue Multimodal Project, Los Angeles, CA. Senior Lighting Engineer. The Alliance Group Enterprise, Inc.
- City of LA, Bureau of Street Lighting (LABSL) – Various Lighting Projects

substation and large power utility projects, applying his deep technical and field knowledge to deliver safe, reliable, and innovative solutions under tight schedules and budgets. Composed under pressure, he excels at motivating teams, resolving operational inefficiencies, and maintaining the highest safety standards.

- City of LA, StreetLA, TOS 701 (ATP 4), 704 (ATP 5) and 705 (ATP 6). Sr. Lighting Manager. TAGE



Zachary Eng, TE | Sr. Traffic Engineer

Mr. Eng has over 30 years of experience in transportation engineering design. He has designed and reviewed complex multiple stages of traffic control striping plans, detour plans, signal plans, and traffic signal interconnect plans. Projects include bridge replacement and rehabilitation, roadway widening, grade separation, multi and single lane roundabouts, and trunk line installation. Mr. Eng has used his traffic design expertise and field experience to modify roadway alignment and expedite emergency design modifications to resolve unforeseen construction issues. He has prepared technical reports, accident analysis, and performed quality control analysis of civil engineering data including curb and right of way.

PROJECT EXPERIENCE

- LAWA-ATMP, Los Angeles, CA. Traffic Lead.
- LABOE-Soto Roadway Widening Project, Los Angeles, CA, Traffic Manager, The Alliance Group Enterprise, Inc.
- LA Metro-Orange Line BRT Improvements Project, Los Angeles, CA, Traffic Lead, The Alliance Group Enterprise, Inc.
- LABOE-Riverside Drive Near Zoo Drive Bridge Widening and Roadway Improvements Project, Los Angeles, CA, LADOT Bridge Improvement Division
- City of LA, TOS#3-Tujunga, Strathern & Fair Street Improvements Project. Sr. Traffic Engineer. TAGE



Andre Troncoso, PE | Electrical Engineer

Mr. Troncoso has extensive experience in solar energy engineering and construction, specializing in the design, permitting, and integration of photovoltaic and energy storage systems. He has engineered and reviewed complex electrical plans including solar farm interconnections, battery energy storage systems, grounding and bonding studies, and Title 24 JA12 compliance packages. Projects include residential and commercial solar installations, utility-scale solar farms in

PROJECT EXPERIENCE

- Imperial County, CA – 153 MW PV Plant (2020)
- Tulare County, CA – 80 MW PV Plant (2023)
- Childress County, TX – 420 MW PV Plant (2024-2025)
- Mohave County, AZ – 508 MW PV Plant (2025, in progress)
- LABOE-Affordable Housing & Sustainability Community (AHSC) Cycle 4 & 5. Lighting Engineer.

California and Mexico, advanced solar tracking systems, and energy storage integration with Schneider inverters and controllers. Mr. Troncoso has applied his technical expertise and field knowledge to resolve unforeseen site conditions, optimize system layouts, and deliver cost-effective solutions that exceed client expectations. He has prepared technical reports, illumination studies, substation interconnection designs, and quality control reviews of engineering documents to ensure compliance with NEC, CEC, UL9540, and local authority requirements.

- LABOE-Soto Roadway Widening Project, Los Angeles, CA, Lighting Designer, TAGE.
- Los Angeles World Airport (LAWA)-Automated People Mover (APM), M&SF Facility Lighting Designer.
- Los Angeles World Airport-Airfield & Terminal Modernization Project (ATMP), Los Angeles, CA. Electrical Engineer. TAGE
- City of LA, StreetLA - Affordable Housing & Sustainable Design Round 4 (5 projects)-Electrical/Lighting Engineer. TAGE



Irving Pimentel | Sr. Project Engineer

Mr. Pimentel is an ambitious and dedicated Sr. Project Engineer with diverse experience in various types of projects, strong practical and technical skills and a range of experience within design engineering and project coordination. His design experience includes grading & drainage, utility management, civil roadway and various planning aspects of civil engineering. With a solid experience and proven success in civil engineering design for both of the private and public clients, Mr. Pimentel has been trusted by his clients and his colleagues as equally independent team member and key contributor. He has earned his reputation as an effective communicator, a hard charging engineer with distinctive ability to train and lead efficient, goal focused team member.

PROJECT EXPERIENCE

- Los Angeles World Airport (LAWA)-Automated People Mover (APM), Los Angeles, CA, Drainage Engineer
- Los Angeles World Airport (LAWA)-Airsides Improvement Program (AIP), Drainage Design Support. The Alliance Group Enterprise, Inc.
- Riverside County Transportation Commission (RCTC)-I 15 Express Lane Project Southern Extension, Riverside, CA, Drainage Engineer, The Alliance Group Enterprise, Inc.
- LABOE- Soto Roadway Widening Project, Los Angeles, CA, Deputy Project Manager
- POLB-Pier D Street Improvements Project. Sr. Drainage & Civil Engineer. TAGE



Miguel Gurrero, PE | Sr. Project Engineer

Miguel Gurrero has over 20 years of experience in solar energy engineering and utility-scale project design. He has served as Owner's Engineer, Project Engineer, and Design Engineer on major photovoltaic developments, providing expertise across interconnection studies, substation engineering, and independent technical reviews. Projects include a 250 MW PV facility in Fresno County, CA, a 100 MW PV plant in Torreón, Coahuila, Mexico, and a 30 MW solar farm in Kern County, CA. He also contributed to the conceptual and early-

- Fresno County, CA – 250 MW PV Plant (2017)
- Torreón, Coahuila Mexico – 100MW PV Plant (2015-2016)
- Kern County, CA – 30 MW PV Plant (2014)
- Misae Solar Park, Childress County, TX – 680 MW (early-stage design participation)

stage design of the 680 MW Misae Solar Park in Texas, one of the largest solar projects in North America. Mr. Gurrero has consistently applied his technical knowledge and field experience to ensure compliance with NEC, CEC, and UL standards, deliver high-quality technical reports, and safeguard project schedules through rigorous quality control and engineering oversight.