

FIGHTING FOR AMERICA'S ENERGY FUTURE

GROWTH IN THE ENERGY INDUSTRY

can put millions of men and women to work, power U.S. economic growth, make our nation energy independent and build a foundation to slow global warming.

LIUNA members are ready to build our energy future. Our skilled workforce is an invaluable asset and LIUNA is a respected, proud and powerful advocate for responsible energy development at every level of government.

Laborers'
International
Union of
North America

LIUNA!

Feel the Power



LIUNA!

A POWERFUL ADVOCATE

LIUNA members value good energy jobs because they offer family-supporting careers and strengthen our country. That's why the organization has become one of the strongest and most valuable advocates across the nation to win approval for pipeline, renewable and other energy infrastructure projects.

LIUNA has been a leading advocate for the Keystone XL Pipeline, with thousands of members submitting testimony, attending public hearings, writing letters to their local newspapers and making sure a message about a rational energy policy is heard.

While we have been a highly visible face in the fight for Keystone XL approval, LIUNA members and leaders across America are waging the same efforts on hundreds of less publicized projects. As a result, industry leaders frequently call on LIUNA to help win project approval.



LIUNA TRAINING: SAFER AND MORE EFFICIENT

LIUNA Training is the gateway for a skilled workforce, providing career paths through the best continuing education system in the world. The curriculum is independently accredited and is offered at more than 70 fixed and mobile sites, with courses and certificates that meet or exceed all regulatory and industry requirements. Through LIUNA training programs, members gain skills and training for energy jobs, including general construction, concrete placement, roadway construction, site preparation, pipelaying, erosion control, hoisting and rigging, OSHA safety, permit-required confined space, rough terrain forklift operation, trenching and excavation safety, erecting turbines, and solar panel installation.

WHAT WE DO



OIL & NATURAL GAS

LIUNA works with leaders in the oil and natural gas industry and partners with industry associations, community groups and advocacy organizations to push for safe and responsible development of oil and gas. We advocate for investment in energy infrastructure to strengthen our nation and create good jobs.

North America's newly developed oil and gas resources have sparked rapid growth in production and export.

In the upstream sector—oil and gas exploration and production—LIUNA members primarily build, maintain and repair exploration sites and access roads.

In the midstream sector, which consists of transporting and treating natural gas and oil before it reaches users, LIUNA members work an average of 12 million hours per year. They clear right of way, build pipelines and return the land to its original condition—or better.

LIUNA is also crucial in the downstream oil and natural gas sector. We are key to the distribution of natural gas and production of various fuels. LIUNA members in this sector also build and maintain liquid natural gas export terminals.



POWER GENERATION

In the power generation industry, LIUNA builds, maintains, and modernizes power plants for fuel sources including nuclear, coal and natural gas. LIUNA also works closely with industry partners on safety, government regulation and investment.



PIPELINE MAINTENANCE

Gas utilities invest in the infrastructure that transports natural gas to homes and businesses. Significant work and

investment is needed on many distribution pipelines. LIUNA members repair, maintain, construct, and recondition natural gas pipelines.



ENERGY EFFICIENCY

LIUNA is experienced in energy efficiency, retrofitting schools, government buildings and commercial properties. LIUNA has worked on thousands of building retrofits, including high-profile projects such as the Empire State Building.

In addition, LIUNA has developed a presence in the residential energy efficiency field, doing weatherization and home performance work in over a dozen states. LIUNA's Home Performance Laborer Apprenticeship has been certified by the U.S. Department of Labor.



RENEWABLE ENERGY

Renewable energy accounts for 13% of U.S. energy production and is expected to reach 31% by 2040. LIUNA has been working in the renewable energy field for more than a decade across the United States and Canada, building solar, wind, hydropower and geothermal facilities. LIUNA has strong relationships with the largest hydro, solar and wind energy contractors.

In the wind industry, LIUNA members build structural concrete for turbines, construct site access roads, and do assembly and site clean-up.

LIUNA solar work hours have grown substantially over the last five years, accounting for several million hours from utility scale projects. The work that LIUNA performs on utility scale solar projects includes driving posts, erecting arrays, mounting bracket assembly, fencing, and site and civil work.

LIUNA's work on hydroelectric power generation includes conduit installation, shoveling, demolition, underground sewer and water, landscaping, concrete and building construction work.

FIGHTING FOR AMERICA'S ENERGY FUTURE

LIUNA believes in an all-of-the-above energy policy that relies on a mix of fuels to create good jobs and ensure that our nation has abundant, affordable energy now and in the future.

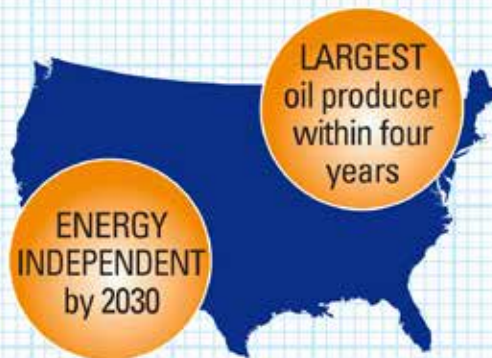
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AN ENERGY RENAISSANCE CAN POWER AMERICA'S ECONOMIC RESURGENCE



ENERGY COSTS ARE HURTING WORKING AMERICANS.

The working poor spend an average of **20% of their income** on energy—five times the average family



ENERGY INDEPENDENCE IS WITHIN OUR GRASP

- Production of natural gas and North American oil will allow the U.S. to overtake Saudi Arabia as the **LARGEST oil producer** within four years
- By 2030 the U.S. could become completely **energy independent**



LIUNA!

"ALL OF THE ABOVE" ENERGY POLICY CAN BRING AFFORDABLE ENERGY AND AN AMERICAN ENERGY RENAISSANCE

- \$305 billion in investment and **3.5 million jobs** are estimated to be generated from natural gas extraction
- Over the last five years, LIUNA members have worked more than **80 million hours** in the pipeline sector.
- **Natural gas** is a bridge from higher carbon fuel to low and no-emission energy sources which can enable us to confront global warming

WWW.LIUNA.ORG/ENERGY

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