



*Feel the Power*

## *Energy Infrastructure*

### *AN ALL-THE-ABOVE ENERGY STRATEGY*

LIUNA members are at the forefront of building America's energy infrastructure. Working across the entire energy sector, our workers construct and maintain power plants and substations, dig trenches for power lines, build pipelines, and help construct renewable energy projects.

We support an all-the-above energy policy. The energy sector in America has skyrocketed in recent years. In 2013, LIUNA members worked 30 million hours in the energy sector, alone. This significant growth in the energy industry has created tens of thousands of steady, reliable careers for men and women across the country.

### *LIUNA WORKS TO GENERATE POWER*

LIUNA members are also helping to power America. Our members work on maintenance work at coal, nuclear, and natural gas plants. Our work hours in maintenance, however, are down more than 50% since 2008 due to the closing of coal plants.

LIUNA has weighed in with the EPA on its existing power plant rule and is working with Governors in the states on the implementation plans which are due from the states by June 30, 2016. We strongly feel that policy fairness that extends to all existing jobs and fuels is critical throughout this process and that the regulation and its implementation must not be rigged against the workers who have supplied America's electricity for generations.

With sixty-two percent of our current energy coming from oil and natural gas, America needs a balanced and comprehensive energy policy. While LIUNA supports climate change legislation with carbon reduction targets, we oppose extreme environmental measures that undermine America's potential economic growth and threatens stable energy sector jobs for hard working men and women.

### *INVESTING IN RENEWABLE ENERGY*

LIUNA fully supports the development of renewable energy sources and low-carbon emission energy. Our members have built some of the nation's largest wind and solar utility projects and are leaders in the field of energy efficiency.

Currently, LIUNA has agreements in California and Nevada on solar projects. Our work hours have approached 2 million hours in 2013. The projected solar installations in 2015 and 2016 total 20,000 megawatts (MW), which would double America's solar generating capacity.

LIUNA supports extending the Investment Tax Credit for solar and has advocated for the ITC to allow the credit to be utilized by companies that begin construction by December 31, 2016. This will provide for more opportunities in the solar sector.

In the wind energy sector, our members are seeing more than one million work hours a year. Congress allowed the Production Tax Credit (PTC) for wind to expire in 2013. LIUNA supports extension of the PTC.



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LABORERS' INTERNATIONAL UNION OF NORTH AMERICA

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### PIPELINES INFRASTRUCTURE

There are over 2.5 million miles of pipelines in the U.S. today. Pipelines are the safest way to transport fuels—70 times safer than by truck, according to ProPublica.

According to PHMSA, the U.S. experienced a drastic increase from 10,800 to 400,000 carloads of crude oil rail shipments between 2009 – 2013. Our railroad infrastructure was not built to handle this mass of crude on its system. Additionally, our national rail network tends to move directly through cities and towns, increasing the risks to the public.

Pipeline construction has been a lifeline for many LIUNA members across the country. Pipeline work for our members has increased 52% between 2011 and 2013—to 15 million hours a year. And currently, LIUNA has 4,700 miles, \$27 billion of upcoming pipeline work that will be done union.

LIUNA is dedicated to making sure its workforce is the most qualified and safest. Each year, LIUNA invests over \$100 million in training workers in construction and environmental skills curriculum. We have more than 70 fixed and mobile training centers which offer accredited, hands-on training and certifications specific to pipeline work.

### LIQUEFIED NATURAL GAS EXPORTS

The exporting of liquefied natural gas (LNG) creates jobs, supplies the increasing global demand for natural gas, and provides energy security to the United States. LIUNA supported **H.R. 351, the “LNG Permitting Certainty and Transparency Act”**. The bill enforces deadlines for the approval or denial of applications to export LNG, further avoiding unnecessary political runaround. H.R. 351 has passed the House and is awaiting to be brought up in the Senate.

### MAJOR PIPELINES PROJECTS FOR LIUNA

- **The Keystone XL Pipeline** by TransCanada: A 1,179 mile, \$7 billion pipeline that will transport crude oil from Alberta, Canada, to the Gulf Coast. **Creating jobs in: MT, SD, NE, OK, TX**
- **Atlantic Coast Pipeline** by Dominion: A 550 mile, \$5 billion pipeline that will supply natural gas to Virginia and North Carolina from West Virginia **Creating jobs in: WV, VA, NC**
- **Dakota Access Pipeline** by ETP: A 1,150 mile, \$3.7 billion pipeline that would move crude oil from the Bakken of North Dakota to Illinois. **Creating jobs in: ND, SD, IA, IL**
- **ET Rover** by ETP: A 800 mile, \$3.8 billion pipeline that will transport natural gas from Canada to Midwest, Northwest and Gulf Coast. **Creating jobs in: PA, WV, OH, MI**
- **Sandpiper Pipeline** by Enbridge: A 616 mile, \$2.5 billion pipeline that would carry crude oil from North Dakota to Wisconsin, for markets in the Midwest and along the East Coast. **Creating jobs in: ND, MN, WI**
- **Northeast Energy Direct (NED)** by Kinder Morgan: A 344 mile, \$5 billion pipeline that would transport natural gas to New England from Pennsylvania, for market. **Creating jobs in PA, NY, CT, MA, NH**
- **Mariner East 2** by Energy Transfer/Sunoco Logistics A 300 mile, \$2.5 billion pipeline that will transport natural gas from Ohio and Western Pennsylvania to the Marcus Hook **Creating jobs in: WV, PA, OH**
- **Algonquin Incremental Market (AIM)** By Spectra: An \$850 million project that will provide the Northeast with a secure a cost effective, domestically produced source of energy. **Creating jobs in NY, CT, RI, MA**