

Two significant energy projects that could have devastating health and safety effects on all residents are proposed for our community. There are no long-term residential health studies relating to normal operations, fires, and explosions for these projects. These two projects are interconnected and are listed below:

1. BESS (Battery Energy Storage System) Project

Jupiter Power, a privately owned, for-profit company (owned by BlackRock Inc.), is proposing a 275-Megawatt Lithium Battery Storage facility (<https://www.oystershoreenergy.com>) at the current Global Oil property in Glenwood Landing (GWL). This massive site will contain shipping container like structures that are filled with racks of lithium batteries.

Health and Safety Concerns:

- **Proximity:** The facility is alarmingly close to homes, schools, a school bus depot, beaches, playgrounds, as well as Hempstead Harbor.
- **Unstable:** These batteries are unstable as a result of environmental factors (i.e., temperature, sea fog, dust, seismic activity) as well as defects (i.e., manufacturing and end of life), mechanical, electrical and thermal abuse.
- **Potential Disasters:** Current regulations and safety standards did not prevent recent incidents at Battery Energy Storage Systems (BESS) such as the May 2024 Otay Mesa 250MW Thermal Runaway with 2 weeks of evacuation orders using approx. 8M gallons of water, and three NYS incidents in 2023 (Warwick, East Hampton, and Lyme). Said incidents resulted in toxic fumes, evacuations/shelters in place and transportation shutdowns. It only takes one battery cell to propagate an incident.
- **Toxic Emissions:** With off gassing, fires, thermal runaways and explosions, dangerous toxins are released, including hydrogen fluoride, fluorine, hydrofluoric acid, and hydrogen chloride to name a few. According to the CDC, these substances can have severe health effects. Run off contamination of an event is also a concern to our land and water.
- **Flood Zone:** The proposed site is located in a flood zone, increasing the risk of environmental contamination.
- **Emergency Response:** There are community concerns about inadequate evacuation routes and the strain/health and safety risks to local volunteer fire departments and first responders.
- **Cyber Risks:** The facility will be operated remotely using AI, exposing the community to possible cyber risks, delays in response times and communication issues.
- **Questionable Equipment:** Batteries sourced from Asia have been removed from military bases and there is currently legislation to prevent Dept. of Homeland Security from using said batteries in U.S Infrastructure.

Community Impact:

- **Tax Revenue:** Global Oil pays approximately \$320,000 per year in real estate taxes. Jupiter Energy will likely take advantage of tax abatements and incentives and pay little to no real estate taxes.
- **Local Jobs:** During construction there is no indication that any jobs would be filled by community residents. Once the facility is completed, it will be operated remotely from Jupiter's headquarters in Texas.
- **Rate Payer Costs:** There are concerns about the costs of the facility being passed onto us as ratepayers.

2. Propel Energy High Voltage Transmission Cables

The Propel Energy Project is being performed via a public-private venture between NY Power Authority and NY Transco. The project will bring high-voltage transmission cables throughout our community streets and into Hempstead Harbor. There will also be a new substation built in GWL. They are proposing two 345KV cables, and one 138KV cable on Glenwood/Glen Head Road and 345KV cables on North Street, McCouns Lane and Glen Cove Road. In addition, the 345KV and the 138KV cables will also run along Cedar Swamp Road to Oyster Bay and Syosset. The cables will be only 3 feet below the surface of our roads and within a few feet of homes, businesses and the newly planned Gold Coast Library. The cables are intended to transport offshore wind from Long Island to upstate NY(<https://www.propelnyenergy.com/propel-in-your-region>).

Health and Safety Concerns:

There are concerns regarding compliance with standards, and questions about existing infrastructure that remain unanswered by Propel representatives. There are no known instances of this proposal for our community existing anywhere else.

- **Proximity to Homes and Schools:** The cables will run along major roads and surround local schools and homes, posing significant risks to residents.
- **Electromagnetic Frequency (EMF) Emissions:** EMF exposure can have harmful effects on health. There are no known studies with regards to the proposed 3 cable set up on Glenwood/Glen Head Road in residential communities.
- **Environmental Impact:** The cables in Hempstead Harbor could create risks for waters and marine life.
- **Business District Impact –** Our business district, roads and railways will be severely impacted over an extended period of time during construction with extensive road work and closures
- **Local Grid Impact:** Household distribution lines will remain above ground so we will still be exposed to power outages during storms, or when overhead wires are damaged.
- **Rapid Act –** New legislation eroding Home Rule and the rights of local government, fast tracking projects and allowing for eminent domain.