Convis Township Trustees and Planning Commission members,

The Liberty Crossing Energy Storage Center (Liberty Crossing) team would like to provide answers and clarifications to questions and points raised at the 12/8/25 public hearing. Please find a full accounting of the major points raised during the hearing as well as our responses below.

Thank you for your time on this and, as always, feel free to raise additional questions or considerations with our team in the future.

You may send any questions or considerations to Tyler Barron, Senior Manager of Community Engagement, at tbarron@invenergy.com and/or Sarah Heithaus, Project Developer, at sheithaus@invenergy.com.

Topics for the Proposed Facility

- **Groundwater, Soil, and Air Quality:**
  - **Groundwater safety:**
    The Project will not generate odors, air pollution, or hazardous materials that are detrimental to the natural environment, including groundwater. Liberty Crossing will take extensive precautions to ensure the facility operates safely and will follow all environmental requirements set by applicable local, state, and federal law. As required by Section 13.28 of the Convis Township Zoning Ordinance and explained in Appendix J of the Liberty Crossing Storage Special Land Use Permit and Site Plan Application, all surface water runoff shall be effectively managed on-site and therefore is not anticipated to impact any surrounding property.

    Groundwater is not expected to be impacted, even in the event of a fire. The American Clean Power Association released an Assessment of Potential Impacts of Fires at BESS (Battery energy storage system) Facilities in August of 2025. Included in this report are two key findings that outline why BESS facilities do not impact groundwater:
    - Firefighting Water Runoff: The consensus best practice for response to a BESS fire is to allow the BESS to self-extinguish and provide cooling water to nearby areas affected by heat if needed. Any runoff from cooling water applied will be similar to rainwater, and no potential contaminants will be included in any runoff.
    - Environmental Post-Sampling Results: In past BESS fire incidents where environmental sampling was conducted, water and soil samples did not reveal hazardous contamination levels requiring remediation.
  - **Water testing:**

Soil and water testing is not necessary at this site as it has been carefully designed to avoid potential impacts. As stated in the Liberty Crossing Storage Special Land Use Permit Application, Liberty Crossing is not located within areas of identified wetlands, hydric soils, or mapped floodplains. Liberty Crossing is located on approximately 15 acres of reclaimed land that was previously mined for sand and gravel. Trees, woodlands, watercourses, and wetlands are not present within the proposed Project area. Post-incident soil and water testing, if necessary, will be conducted according to the requirements of local, state, and federal law.

- **Air quality:**
  Liberty Crossing will not emit any air pollution during regular operations. In the unlikely event of a fire, prior air-quality testing has shown that air quality levels in neighboring areas remained at safe levels and posed no hazards to human health. There have been zero recorded instances where a battery fire at a project like Liberty Crossing caused air emissions that posed a local health risk.

- **BESS facilities and Phase 1 ESAs on adjacent properties:**
  The presence of a BESS facility does not mandate a Phase 1 ESA for transactions involving development of neighboring parcels, including construction activities thereon.

- **Communication with the Calhoun Township Fire Department, Calhoun County Water Resources Commissioner and Calhoun County Road Department:**
  - **Fire Department:**
    The Project team has met with Chief Jay Riggs at the Marshall Township Fire Department multiple times throughout the Fall of 2025. During these meetings, the Project team discussed the Fire Response and Emergency Response plans with the Chief and requested any feedback he may have to improve these plans. Chief Riggs has clarified that he is comfortable with the plans and has no additional considerations at this time.

    After submitting the application for this Project, the Project team gave additional time to Chief Riggs for more feedback on the plans. Chief Riggs communicated that the Marshall Township Fire Department did not have any comments and had no concerns about the plans submitted with the application. As the Project progresses, Invenergy will coordinate with local first responders to finalize these plans prior to commencement of operations to account for final site conditions and site-specific information.

  - **Calhoun County Road Department:**

Consultation regarding the use of roads around the Project area with the Calhoun County Road Department occurred on 11/13/2025. Invenergy communicated an overview of the Project and made a plan to follow up in the Spring of 2026 to discuss possible haul routes. Invenergy will also enter into a Road Use Agreement with the Calhoun County Road Department prior to use of the roads for Project construction.

- **Calhoun County Water Resources Commissioner:**
  Project team has reached out to the County Water Resources Commissioner and are coordinating a meeting date before the end of 2025 to discuss the Project.

- **<u>Fire Safety:</u>**
  Invenergy develops customized Emergency Response Plans (ERP) and First Responder Guides/Manuals in collaboration with local fire departments and emergency response agencies before our projects ever begin commercial operation.

  A crucial aspect of Invenergy's Emergency Response Plan is holding training sessions with local first responders prior to the site coming online. This ensures that all on-site staff and emergency personnel are trained and equipped with the right tools and resources. Our Liberty Crossing project team has started this collaboration already, meeting with the Marshall Township Fire Department Chief Jay Riggs.

  Additionally, Invenergy operations & maintenance employees go through extensive annual safety training, and we will have dedicated on-site safety staff for this Project.

  - **In the event of a fire:**
    In the unlikely event that one container experiences a fire, the incident is managed to prevent escalation to the rest of the facility. The affected container is isolated and allowed to self-extinguish while responders maintain a safe exclusion zone. The fire is contained in that unit, and adjacent equipment—separated by spacing and protective design—is monitored and cooled if needed to prevent any spreading. Typically, the rest of the project remains unaffected, and recovery involves assessing and replacing only the damaged components.

  - **How the Project is cooled:**
    The facility uses a closed-loop liquid cooling system inside each enclosure. Water will not be piped in from an outside source around the Project area. Coolant (water and ethylene glycol are typical – the same thing used in your car) circulates around the battery modules to maintain optimal temperature, and external chillers bring the coolant back to the desired temperature before recirculating. Routine maintenance includes checking coolant levels and replenishing as needed.

- **Overall fire risk:**
  Like any structure, energy storage projects do carry marginal risk of fires. However, the risk of a fire-related incident at a storage site is incredibly rare, and these facilities adhere to the highest possible safety standards. There have been less than 25 incidents in the last 10 years at U.S. operating energy storage facilities, according to American Clean Power. Not one of these incidents caused health risks for their community. Invenergy's storage projects employ advanced detection systems, quarterly safety drills, 24/7 monitoring and annual safety trainings with local first responders. In the extremely rare event of a fire, Invenergy's battery storage systems are designed to contain said fire to the individual container.

- **Landscaping and screening:**
  Following community concerns, we are working with a new subcontractor to manage the vegetation around Calhoun Solar.

  As we have addressed in the application: Throughout the life of the Project, Liberty Crossing and its contractors will maintain the storage facility to ensure all aspects of the site are aesthetically pleasing, safe, and highly productive. The soils and vegetation will be cared for and managed to ensure long-term health and stability. Tree buffer and landscaping will be consistently maintained to ensure adequate visual screening and aesthetic quality. Liberty Crossing will comply with Convis Township if required to implement vegetative screening on one or more sides of the battery storage yard. Access to and within the site footprint will always be maintained to ensure safe and easy access as needed.

  All grass and vegetation will be maintained to avoid fire hazards. The site will be kept in an exemplary state of cleanliness, making sure signage is intact and visible, that roads are in serviceable condition, that the fence line is intact, and that gates are secured and in good operating condition. If healthy plant materials which are intended to meet the requirements of the Ordinance are cut down, damaged or destroyed during construction, said plant material shall be replaced with the same species as the damaged or removed plant material. This shall be done in accordance with the following schedule, unless otherwise approved by the Zoning Administrator based on consideration of the site and building configuration, available planting space, and other pertinent considerations. Unhealthy and dead material shall be replaced within one month of notice by the Zoning Administrator unless the season is not appropriate for planting, in which case such plant material shall be replaced at the beginning of the next planting season. Rotted, deteriorated, or damaged landscape elements shall be repaired or replaced.

- **Benefits to the community:**
  This battery storage Project will generate significant economic benefits for the Township throughout its life cycle. During construction, local businesses may see increased demand

for goods and services, and there will be opportunities for local contractors and suppliers to participate. Once operational, the Project will contribute to the Township's tax base, providing stable and predictable revenue that can support schools, emergency services, and other community priorities. This tax revenue is distributed according to local and county allocation formulas, ensuring benefits reach multiple public entities within the Township. In addition, millions of dollars will be invested through local tax revenue and a Community Host Agreement (CHA) over the Project's lifetime, creating long-term financial value for the community. The Project requires minimal public services, meaning the net fiscal impact is strongly positive. By hosting this Project, the Township positions itself as a leader in domestic energy innovation, which can attract future investment and economic activity. Overall, the Project delivers lasting economic benefits while supporting local infrastructure and community services without imposing additional costs on residents.

- **Property values:**
  A third-party market impact analysis conducted by MaRous & Company concluded that the Liberty Crossing BESS facility will not negatively affect property values of neighboring properties. This conclusion was based on a comprehensive review of recent residential sales near existing BESS facilities, an analysis of agricultural land values, and surveys of county assessors across multiple states. These sources revealed no evidence of reduced property values or assessed valuations due to proximity to similar projects. MaRous & Company also leveraged findings from solar farm studies, noting the symbiotic nature between solar and BESS facilities, which supports similar outcomes.

- **Cost of operation:**
  Invenergy covers all costs associated with the construction, operation, maintenance, and decommissioning of the facility. Convis Township will not incur costs by hosting the Project. This cost coverage includes additional Fire Department equipment, as Liberty Crossing will fund any necessary equipment required to serve the site.

- **Community Host Agreement:**
  Per Section 13.28 of the Convis Township Zoning Ordinance, Liberty Crossing will enter into a Community Host Agreement (CHA) with Convis Township. The Project team has begun conversations with the Township about this CHA and is prepared to discuss it further at any point.

- **Lighting at the Project:**
  As stated in the Liberty Crossing Storage Special Land Use Permit and Site Plan Application, the Project will implement dark sky-friendly lighting solutions. The Project will minimize the amount of light that escapes upward. The site will require dusk-till-dawn lighting during the construction and operation phases to provide security and safety.

Impact to adjacent properties and light that escapes upward into the sky will be minimized. More information on lighting is provided in the Site Plan, Appendix B.

- **Effect on wildlife:**
  The Project has been designed to avoid all state and federally listed wildlife species habitat. The Project will be constructed on land currently maintained as mowed open space. There are no proposed impacts on wildlife or their habitats within the Project area.

- **Sound level of the alarm system:**
  For safety purposes, minor alarms generate 70-82 dBA, and more significant alarms may exceed 100 dBA, depending on the specific equipment. This noise is entirely based upon the need to alert the surrounding area in the unlikely event of a fire.

- **Noise from the Project:**
  As stated in the Liberty Crossing Storage Special Land Use Permit and Site Plan Application, a pre-construction noise analysis has been conducted. The study modeled operational noise from BESS units, inverters with noise-reducing hoods, and auxiliary transformers, using ISO 9613-2:2024 standards and Michigan Public Service Commission guidelines. Predicted noise levels at nearby residences are below the 55 dBA limit outlined in Section 13.28 of the Convis Township Zoning Ordinance. The closest non-participating residence is approximately 550 feet from the facility and is expected to experience noise levels within compliance. The Project will meet all local and state noise regulations, ensuring minimal impact on surrounding land uses.

  Some electric components, such as HVAC units and inverters, make a humming sound like an air conditioning unit. Typically, inverters are not audible from the property line.

- **Size of the Project and possible expansion:**
  The Project cannot become larger than what is outlined in the current application. Any increase in size or capacity would require submittal of a new special land use application and undergoing the same permitting process, including public notice and review by Convis Township.

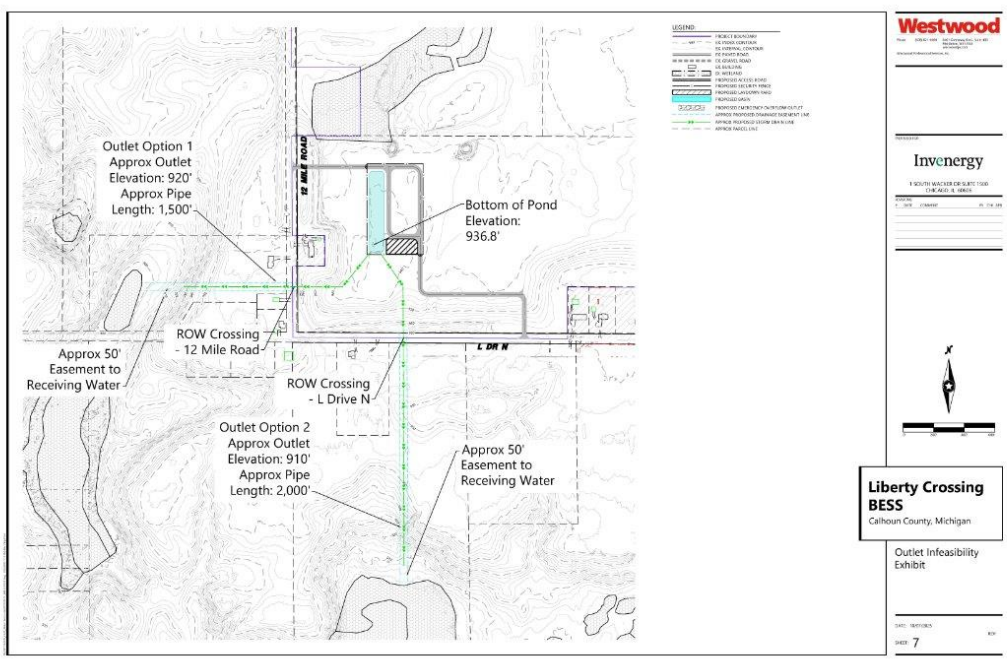
- **Number of containers in the Project:**
  The current design of the Project has 72 enclosures at the beginning of life and 88 enclosures at the end of life. Enclosures are added throughout the Project's lifetime to ensure the capacity requirements are met as batteries decrease output over time (much like how a smartphone battery slows down the longer you have it). All 88 enclosures are included in the Liberty Crossing Storage Special Land Use Permit and Site Plan Application.

- **Location selection:**

The Liberty Crossing site was chosen because it is adjacent to the existing Calhoun Solar Energy Center and its substation, allowing the battery system to connect into the grid without building new transmission lines. This minimizes community impact and improves grid efficiency. The land is privately owned, zoned Agricultural-Residential, and offers flat, well-drained terrain with low environmental sensitivity. The location meets all Township zoning requirements, provides safe setbacks from residences, and was confirmed through years of interconnection studies and due diligence to ensure it is the most suitable and responsible site.

- **<u>Stormwater drainage:</u>**
  - Retention Pond:
    The retention pond for this Project was designed to meet stormwater management requirements per Calhoun County and Battle Creek Area Clean Water Partners Stormwater Management Program Technical Reference Manual. The intent of a retention basin is to capture and hold stormwater on site up to a 100-year storm event. Liberty Crossing will utilize infiltration as a means to outlet the retention basin. During larger storms, water will outlet via emergency spillways that will be designed to regulate outflow to ensure water leaving the site will be at a rate that does not exceed existing conditions. This spillway is noted on the map below as a "proposed emergency overflow outlet".

  - Outlet Infeasibility Exhibit



The map labeled "Outlet Infeasibility Exhibit" (Sheet 7 in Appendix J of the Liberty Crossing Storage Special Land Use Permit and Site Plan Application) is included in this application to demonstrate that no adequate watercourse exists which the

Project may feasibly outlet to. The use of drainage systems proposed as Option 1 and Option 2 will not be constructed. More explanation as to why these routes are not feasible can be found under “No Outlet Certification” on page 7 of Appendix J, Stormwater Plan. Liberty Crossing will coordinate with Calhoun County to obtain all necessary approvals and ensure compliance with applicable stormwater management standards.

- **Decommissioning Plan:**
  Invenergy included a decommissioning plan to ensure the safe and responsible removal of the battery storage facility at the end of its operational life. The 4-foot removal depth is intended to minimize ground disruption during the decommissioning process while providing safety measures for future use of the land. This plan outlines how all equipment will be dismantled and either recycled or disposed of in accordance with Convis Township’s ordinance as well as federal, state, and local regulations. It also ensures the site will be restored to its original condition or another agreed-upon state, preventing long-term impacts on land use.

  Financial assurance will be provided so that the cost of decommissioning does not fall on the community. By planning ahead, we hope to demonstrate our commitment to environmental stewardship, public safety, and transparency. This approach also reflects the industry's best practices and gives the community confidence that the Project will not leave behind unused infrastructure or environmental liabilities. Our goal is to maintain trust and protect the community throughout the entire life cycle of the Project.

- **Lithium-ion batteries:**
  Lithium-ion batteries are further along in research and production currently, while sodium ion is still in the research phase of development. Invenergy uses this technology because of its increased resistance to thermal runway, making it a significantly safer option for energy storage projects.

- **Moss Landing fire:**
  We are aware of the incident at Moss Landing and have closely monitored the investigation around it, though it is not an Invenergy project. Moss Landing was built well before most major industry standards and codes were developed. It was built before the National Fire Protection Association (NFPA) standards existed. It used a Nickel Manganese Cobalt battery, which is prone to overheating. Our facilities use Lithium-ion batteries, which are a significantly safer option for energy storage.

  In addition, the Moss Landing installation is an anomaly among the industry. Less than one percent of utility-scale energy storage installations are housed indoors, as this one was.

Now, most batteries in the U.S., including all Invenergy battery energy storage systems, house their cells in fireproof containers, making it easier to put out fires should they occur.

- **<u>Safety During Construction:</u>**
  All contractors are required to follow the safety requirements determined by the site-specific Safety Plan. This Safety Plan is developed prior to construction which incorporates both local and nationwide safety requirements to identify items such as noise limits, speed limits while onsite, and note that any work or travel should only take place within the limits of work. All contractors are required to follow this Safety Plan.

- **<u>Compatibility with the Township's Master Plan:</u>**
  As stated in the Liberty Crossing Storage Special Land Use Permit and Site Plan Application, the Project aligns with the Convis Township Master Plan by supporting compatible land use, rural character preservation, and responsible economic development. The Project will be sited on agricultural land, consistent with the Master Plan's designation of Agricultural-Residential ("A-R") areas that support limited, low-impact non-residential uses compatible with surrounding farming and open space. By utilizing existing electrical infrastructure and requiring minimal public services, the Project advances the Master Plan's key goals for efficient land use and cost-effective growth management.

  The Project's compact footprint is designed to minimize land disturbance, allowing existing agricultural activities to continue on surrounding land. Additionally, the Project contributes to regional energy reliability and economic stability in a manner that supports the Master Plan's objectives of fostering development that complements the Township's rural setting while advancing sustainable, forward-looking uses of land and resources that align with the Township's commitment to preserving environmental integrity.

  In addition to the excerpt from the application, the Convis Township Master Plan emphasizes growth management, farmland protection, and natural resource preservation as critical priorities. Liberty Crossing supports these goals by concentrating development near existing infrastructure, avoiding the need for new transmission corridors, and reducing environmental impacts. The Project requires no public sewer or water, minimizing demands on Township services and aligning with the Plan's objective to prevent increased tax burdens. Liberty Crossings' design incorporates stormwater management and complies with environmental regulations, protecting groundwater and wetlands as outlined in the Plan. Furthermore, the Master Plan encourages economic development that complements rural character; Liberty Crossing achieves this by generating tax revenue and jobs without introducing high-traffic or high-intensity land uses.

Overall, the Project reflects the Convis Township Master Plan's vision for sustainable, cost-effective development that preserves rural character while enhancing regional energy reliability.