

DATA CASTER LABS



The image above is used to illustrate how the data centers are built over the in-ground algae-to-biodiesel reactors using the waste heat from the data centers to produce 100% renewable fuel. Heat is necessary for year-round production of bio-diesel. Waste heat from the server farm would be repurposed in the production of fertilizer, algal products, fuel, feed, etc.

One of the unique features of the Data Caster Labs design is the datacenter waste-heat is repurposed to the production of high quality bio-fuel to power plant generators; power plant, in turn, provides light, heat, CO₂ & feed to algae, in turn providing cooling and power to datacenter operations and bio-diesel production. Creating a vertically integrated, balanced, closed-loop ecosystem that's carbon negative and sub-zero GHG emissions. This is 100% renewable on-site production and consumption with producer, consumer, distributor and developer, carbon sequestration and renewable's credits. Authentic, meaningful, and durable; green, clean, high-tech and high-touch marketing messages.

CO₂ is also incorporated into a proprietary data center cooling system, creating the first commercially viable and scalable, 100% grid independent, sub-zero emissions, GHG mitigated, carbon negative, ecologically balanced, closed loop data center eco-system. Making Data Caster Labs another capacity driven profit center.

Security

Air-Gapped mirror of Futures Protocol, (Public Ledger) will be housed in an ultra-secure, Grid independent, EMP hardened facility. First and last 75 miles of network connectivity will be laser to fiber in addition to encryption. This will provide a level of protection unique to the SBX Cryptosphere.

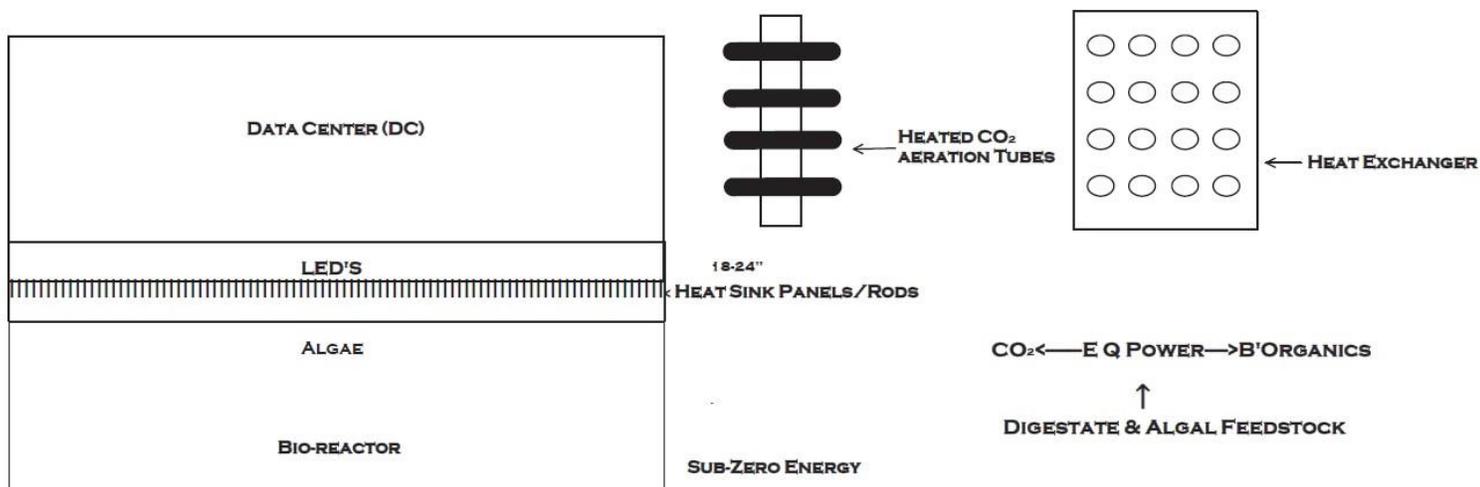
If/When the Internet and/or Electrical Grid go Down SBX Will Remain Secure, Accessible and Tradeable.

AI Driven Algo-Mining for Actionable Intel.

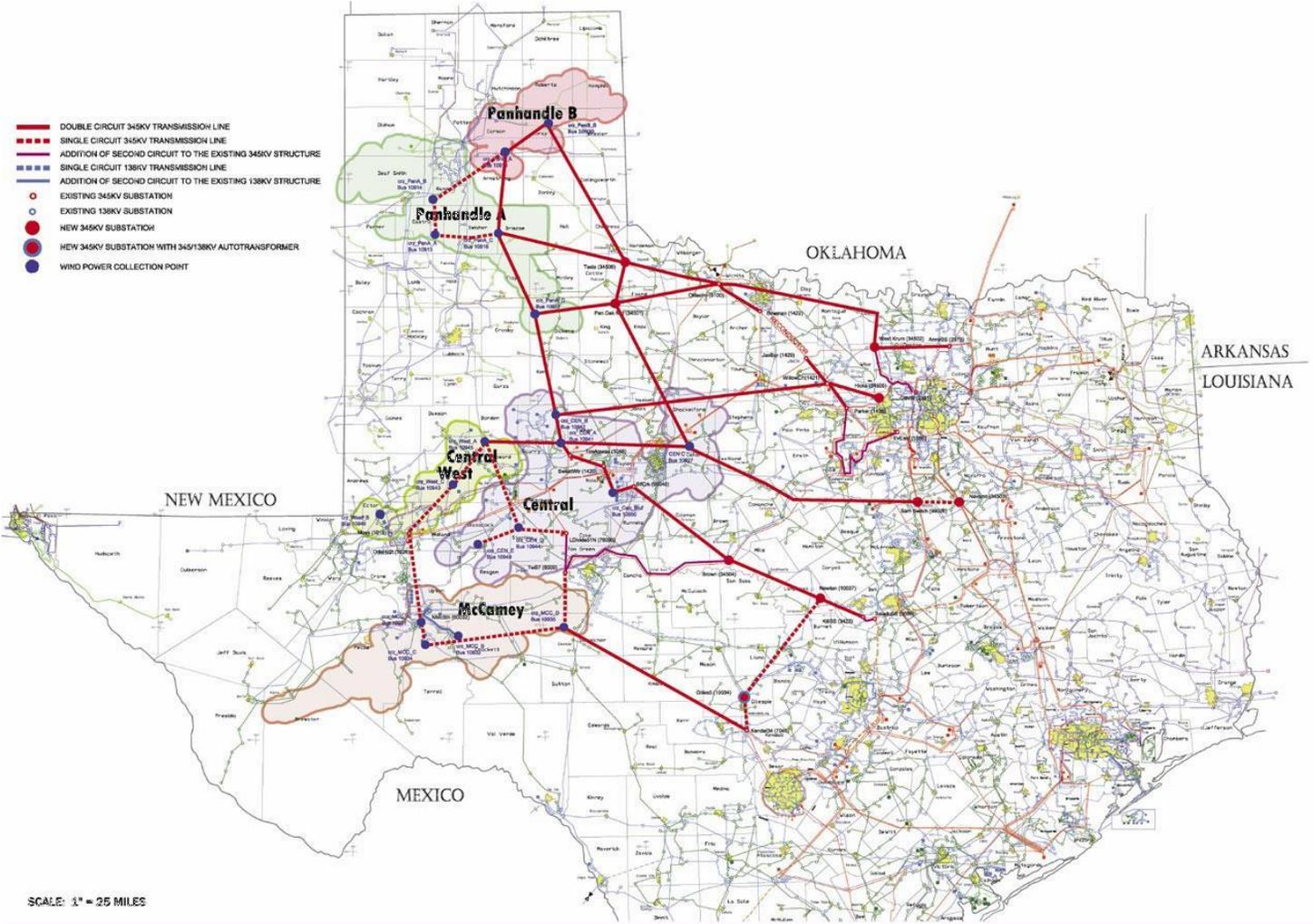
Uploading content to the peer-to-peer grid is fully encrypted before ever leaving members device. Encryption ensures all content in the system is kept confidential and free of tampering, even when stored on a peer-to-peer grid.

In the event of disruption to internet, power grid, disaster manmade or otherwise. SBX will be secure and accessible on-site and will always be exchangeable into Beyond Organics and Prime+ quality food, water, feed, fuel, security and grid independent power with all the amenities of a trophy class preppers paradise.

For SBX, Internet and Power Doesn't go Down.

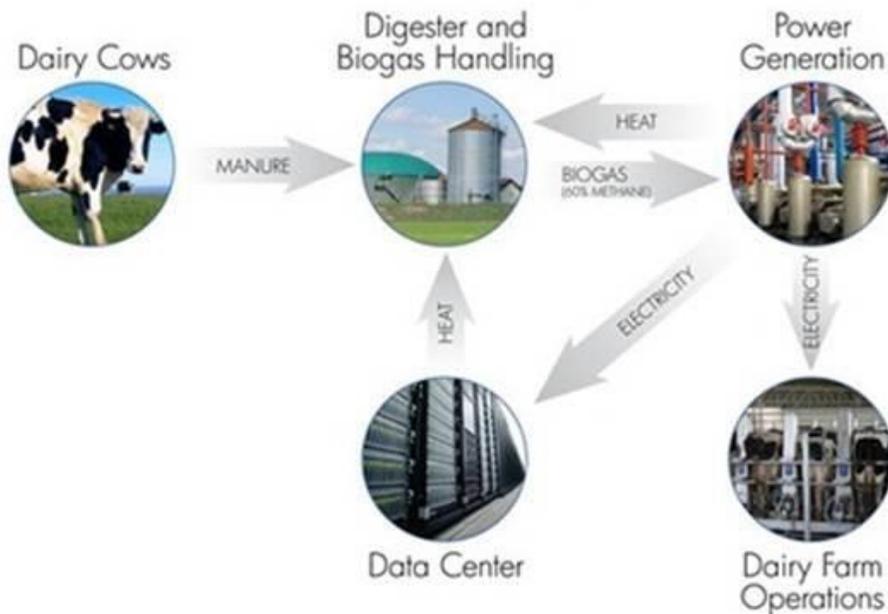


DIRECT HEAT EXCHANGE TO SUB-ZERO ENERGY'S BIO-REACTOR DESIGN



MAP ILLUSTRATES CURRENT INFRASTRUCTURE FOR LASER-TO-FIBER CONNECTIVITY RIGHT-OF-WAY

HP Labs Design for a Farm Waste Data Center Ecosystem



Hewlett Packard engineers have released a white paper that details how farmers and DC operations would work together to repurpose the waste by-products from their respective operations. For the farmers, it will enable them to turn an expensive ecological nightmare into a profit center and for data centers a way to repurpose waste heat to produce 100% renewable bio-fuel back to the power plant. Providing both with highly prized, authentic and durable marketing

Companies like Google, Microsoft and HP are being driven by market forces to look for more rural areas to build their computing centers (server farms). Locating centers near organic farms will solve three problems; the farmers need to recycle/repurpose livestock, crop and processing wastes and the data centers need for a redundant, secure and environmentally responsible source of power and the repurposing of data center waste heat. Data Caster Labs will offer a full suite of data center/server farm services; Ultra-Secure Off-Grid Storage, High Speed Access, Processing, Mining, Analytics, Actionable Intelligence, R&D, etc.

See Asset Portfolio pdf Available from Home Page