Global Common
"Profitable Solutions for Our Partners and Planet"

Cromwell Community Power Program

A Plan to Reduce Residential Electric Bills by Nearly 50%

Global Common is developing an innovative Community Power Program as part of its proposed Cromwell Data Center project. The program is designed to eliminate 100% of electricity supply charges for participating Cromwell households, potentially reducing their total electric bills by nearly half. The program would be administered through a licensed energy services company (ESCO) using the existing utility distribution system. Residents would enroll voluntarily, without requiring any new electrical infrastructure.

Electric bills generally include two major components: the cost of electricity supply and the charges for delivering electricity through the utility distribution system. For Cromwell residential customers, electricity supply currently represents an estimated 47% of the total bill. Under the proposed program, participating households would receive electricity supply at no cost, while continuing to pay Eversource's normal delivery and other applicable charges.

The program would be funded entirely from revenues generated by the data center, at no cost to Cromwell taxpayers or utility rate payers. The program is economically feasible in part because of the use of highly efficient fuel cells, which are classified as Class I renewable energy in CT and generate valuable Renewable Energy Certificates (RECs) that indirectly help support the program's funding. Funding would increase as the data center expands, with the objective of covering all eligible residential electricity supply charges at full development.

To ensure long-term implementation and accountability, Global Common proposes to incorporate the funding commitment into a formal Host Community Agreement with the Town of Cromwell. The agreement would establish enforceable funding obligations, annual reporting requirements, and provisions requiring future project owners to honor the commitment.

The project may also enable use of artificial intelligence to optimize wholesale electricity purchases, help local businesses reduce electricity costs, and coordinate energy demand during critical winter peak periods. These technologies could provide additional savings and help improve regional energy efficiency and reliability.

Contact: Robert Foxen, P.E. bob_foxen@globalcommon.com.