

Sam Logan, Remarks at CERL Dedication Ceremony 29 Aug 2006

Recent energy research indicates that fossil resources will reach peak production in the 2010 to 2015 timeframe. Because of this, other rapidly growing economies, with much larger populations than our own, are pursuing aggressive national strategies to insure adequate energy supplies to sustain their growth. In addition to putting pressure on world wide energy prices, these trends are challenging traditional US dominance in world energy markets that heretofore have insured adequate supplies for our own economy.

But consider this. The true cost to our nation's energy addiction is much, much more than the cost of so many barrels of imported oil. It must also be measured in the human toll and enormous expense of conflicts that over the past two decades have become axiomatic with safeguarding access to foreign energy resources. Unless we act smartly to provide better methods to satisfy our energy needs, the future is fraught with great peril and prolonged conflict. So it might be said that in our world today National Security and Energy Security have merged into a single theme with very little distinction.

Fortunately the folks at CERL have been hard at work in hot pursuit of real solutions to these perils. For over a decade CERL has quietly and effectively sponsored fuel cell product development by funding the installation of scores of demonstration sites across the US and at numerous locations internationally. These projects have underscored the point that fuel cells offer ultra clean, highly efficient and reliable solutions to mitigate foreign dependencies. This all started with the PAFC program of the mid 90s, advanced with the CCFCG program during the same time frame, then moved on to four years of small scale PEM demonstration programs taking us up to the present. Along the way these multi-year programs were punctuated by smaller highly focused projects including those with the National Parks Service, the DOD fuel cell test and evaluation center, Air Force common core fuel cell system development (C2P2), and most recently and importantly, support of renewable fuel sourcing for fuel cell applications. These programs developed installation norms, informed the adoption of safety codes and standards, and set performance standards that pushed OEMs a lot harder than they desired and advanced product maturity a lot quicker than they ever imagined possible. Indeed, I believe these programs are largely responsible for the emergence of the commercial fuel cell industry in the world today.

In closing I want to say it is a great privilege for our company, LOGANEnergy, to be partnered in the fuel cell industry with the professionals at CERL and those of our industry partner, Plug Power, whose excellent 5kW CHP product is featured at this gathering. And as we dedicate this site today let us also pledge ourselves to pursue a cleaner, more efficient, secure and predictable energy

future. That is the promise of this technology for America. Let's spread the good news; thanks to all of you we can begin today!