



FACT SHEET ON BURLINGTON AND LOCKHEED MARTIN

January 2011

CLIMATE ACTION EFFORTS IN BURLINGTON

- ❖ Burlington is a national model in promoting energy efficiency and climate action planning. Burlington's initial Climate Action Plan, ratified by the City Council in 2000, was one of the first in the nation. Work on an updated plan is now underway. This plan, based on input from dozens of volunteers from around the City, outlines several key initiatives to help us reach our GHG reduction target of 20% by 2020. See <http://burlingtonclimateaction.com/>.
- ❖ Burlington's Climate Action Plan was preceded by proactive energy efficiency efforts by the City through the Burlington Electric Department's 1990 \$11M energy efficiency bond. Today, energy efficiency investments prevent the release of 64,700 tons of carbon dioxide and save Burlington consumers over \$8.9 million of retail electric costs annually.
- ❖ Without a significant reduction in GHG emissions in the near term, irrevocable changes will occur on Earth, including the disappearance of several island nations.
- ❖ Burlington was invited to attend the launch of a new non-profit, The Carbon War Room. This non-profit, chaired by Sir Richard Branson is dedicated to reducing GHGs by partnering cities with businesses working on energy efficiency and renewable energy. To link large scale project ideas with financiers, the Carbon War Room launched the "Green Capital-Global Challenge" in February 2010. Burlington was selected as a "first wave challenge city" along with Copenhagen, London, and Birmingham, UK among others. Lockheed Martin is a sponsor of the Green Capital Global Challenge.
- ❖ At the Challenge launch, Jennifer Green, Burlington's Sustainability Coordinator, met Jim Kohlhass, VP, Energy Initiatives Division, Lockheed Martin. Jennifer invited Jim to review the City's Climate Action Plan and provide feedback and recommendations. They also discussed if or how Jim's division could support Burlington to help realize several of the projects outlined in the plan, including solar panels on municipal buildings and the utilization of waste heat from the McNeil Generating Plant to heat nearby homes and businesses.
- ❖ As a signatory of the Clinton Global Initiative, Lockheed Martin has committed to working on energy efficiency and green house gas reduction. To help realize their commitment, Lockheed Martin expressed an interest in working in Burlington to test energy efficiency technologies that could potentially be used in other, larger cities.
- ❖ Members of Lockheed Martin's energy efficiency team visited Burlington in June to see the City's work first-hand and to learn from Burlington what types of technologies would help forward the City's vision. For example, Burlington noted an interest in LIDAR technology. This technology could help determine which of the many municipal roofs would be best suited for solar panels.

- ❖ In December, the Director of the Energy Division and members of his team returned to Burlington to sign a letter of cooperation. This letter expresses Burlington's and Lockheed Martin's interest in exploring new and emerging technologies intended to reduce energy use and greenhouse gases. www.ci.burlington.vt.us/docs/2972.pdf

FACTS ON BURLINGTON'S "LETTER OF COOPERATION"

- **This is the beginning of a conversation with Lockheed Martin.** Burlington has not signed a contract with Lockheed Martin. Burlington has signed a "letter of cooperation" expressing an interest in working on and benefiting from energy efficiency and renewable energy projects.
- The potential connection with Lockheed Martin and signing of the Letter of Cooperation were public:
 - Mayor Kiss publicly announced the City's involvement in the Green Capital Summit Carbon War Room in early 2010, www.ci.burlington.vt.us/docs/1658.pdf, www.ci.burlington.vt.us/docs/1912.pdf). This led to discussions with Lockheed Martin, a major sponsor of the Carbon War Room.
 - Representatives of Lockheed Martin (with a team from MIT) visited Burlington starting in June of 2010, which Mayor Kiss announced at a City Council meeting.
 - The Mayor provided a memo to the Council with the Letter at its Dec 6 meeting, with information about the signing on Dec 20.
 - Mayor Kiss announced with a press release in advance (<http://www.ci.burlington.vt.us/docs/2968.pdf>) that the signing would take place.
 - Mayor Kiss held a press event with a follow up press release about the signing (<http://www.ci.burlington.vt.us/docs/2969.pdf>).
- Signing this letter of cooperation does not preclude Burlington from working with other partners or players. In fact, it is a potential mechanism to bring other partners (such as MIT and other educational institutions) to the table.
- Specific projects have yet to be identified, although the Letter lists potential areas of cooperation. Specific projects would be reviewed on a case-by-case basis. Any potential projects would need to be deemed as beneficial to the citizens of Burlington and the City's green house gas reduction and energy saving goals.
- Lockheed Martin can serve as a leveraging point for work with other partners. For example, MIT, the University of Maryland and Lockheed Martin are involved in collaborative research on climate adaptation. Burlington has been invited to participate in a phone conversation with UM and MIT about their work.

Climate change is one of the most pressing and immediate challenges of our time. It is a matter of life and death in many countries, especially in the developing world. Tackling these issues is going to require a unified approach. Today, we look back at the last 20 years and realize that we ignored the warning signs and have fallen far short of what was needed to address climate change. Twenty, ten, five, or two years from now we do not want to look back and say we didn't do everything we could have to address climate change. Mayor Kiss is committed to exploring a range of options to address this serious issue.