

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

| | | | |
|----------------------|--|---|--|
| AGENDA TITLE: | Adoption of Climate Action Plan | | |
| DEPARTMENT: | Public Works | | |
| PRESENTED BY: | Rika Cecil, Environmental Programs Coordinator | | |
| ACTION: | <input type="checkbox"/> Ordinance | <input type="checkbox"/> Resolution | <input checked="" type="checkbox"/> Motion |
| | <input type="checkbox"/> Discussion | <input type="checkbox"/> Public Hearing | |

PROBLEM/ISSUE STATEMENT:

As a signatory of the U.S. Conference of Mayors Climate Protection Agreement and a member of the King County-Cities Climate Collaboration, the City is committed to reducing greenhouse gas (GHG) emissions from municipal operations and in the community at large. Major investments, such as building the LEED Gold certified City Hall have helped the City make progress toward reducing its own carbon footprint; however, the City recognizes that more needs to be done to reduce GHG emissions in Shoreline.

Shoreline residents agree that more needs to be done. In a statistically significant (i.e. a +/- 5% margin of error) telephone survey of 403 Shoreline residents in 2012, 71% agreed with the statement: "Climate change is real and requires us to make changes in our behavior now."

The [Climate Action Plan](#) provides the guiding principles, objectives, targets and recommendations that further advance the City's ability to reduce greenhouse gas emissions.

On [September 16, 2013](#), staff presented the Climate Action Plan to Council for review and discussion. Following the presentation by City staff, Councilmember Roberts had the following question, of which staff has provided a response.

Question: One of the recommendations was to increase the City's participation in SCL's Green Up program. The report states that we currently purchase 35% of our electricity for City Hall through this program (as part of our requirements for LEED certification. If we were to follow the plan's recommendation to move to the platinum level how much more would it cost the City?

Are these recommendations akin to council goals (like in the comprehensive plan)? Or are they closer to items the City will look at adopting in the future?

Staff Response: In order for the City of Shoreline, City Hall building to move up to the Seattle City Light "Green Up" program's Platinum Level it will cost an approximately

\$3,045 per year above what the City is currently paying. The Green Up Program has five levels. As you can see below, the percentages are based on KWh usage; currently the City of Shoreline is in the Small Consumption category with a usage of 823,355 KWh.

| <i>Green Up Level</i> | | | | |
|---|--------------------|---------------|-------------|-----------------|
| Annual Electricity Consumption (kWh) | Participant | Silver | Gold | Platinum |
| Very Small (< 100,000) | 15% | 20% | 50% | 100% |
| Small (100,000-1,000,000) | 8% | 12% | 30% | 60% |
| Medium (1,000,000-10,000,000) | 4% | 6% | 15% | 30% |
| Large (10,000,000-100,000,000) | 2% | 3% | 8% | 15% |
| Very Large (> 100,000,000) | 1% | 2% | 5% | 10% |

At the consumption level that starts at 1,000,000 (Medium Level) the cost percentage to the organization is about half of the cost of Small Level. Last year the Shoreline Police Station used 117,221 KWh. If the Police Department is moved into the City Hall building the KWh usage in this building will increase. At this time we do not know the net KWh increase of a change such as this. If this change occurs, due to the following factors the City Hall building may go above the 1,000,000 KWh usage:

- Full use of the 3rd floor
- Additional square footage added to the City Hall building
- 24/7 building usage, currently, City Hall is only occupied about 60% of the time
- Additional parking lot lighting

If the KWh usage moves Shoreline into the Medium Level, the additional net cost to move to the Platinum Level may be as low as \$150. The staff recommendation is to wait until the final decision is made for the Police Department move and to revisit this change if the Police Department is moved to the City Hall building. If the Police Department ultimately moves to another location, staff recommends that we revisit this recommendation in the 2015 budget process.

RESOURCE/FINANCIAL IMPACT:

The \$54,720 contract to develop the Climate Action Plan was funded by the State Coordinated Prevention Grant (CPG), the King County Waste Reduction and Recycling (WRR) grant, and CleanScapes. On February 13, 2012, Council authorized the City

Manager to accept funds from the State CPG and King County WRR grants, in order to develop the Climate Action Plan and implement other work plan tasks.

As a guidance document, the Plan does not include a cost/benefit analysis for recommended City or community actions. It is anticipated that actions will be taken and projects implemented as City goals are established and as funding allows.

RECOMMENDATION

Staff recommends that the City Council adopt the Climate Action Plan.

Approved By: City Manager ***JU*** City Attorney ***IS***