

Memorandum 11-021 RE: Energy Conservation Measures – City Facilities Prioritization of Projects

Memorandum ID: 11-021
Memorandum Status: Backup

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MEMORANDUM 11-021

TO: Walt Wrede, City Manager

FROM: Carey Meyer, Public Works Director

DATE: February 8, 2011

RE: Energy Conservation Measures – City Facilities
Prioritization of Projects

At the City Council meeting on January 24, the Council requested that Public Works prioritize the recommended energy conservation measures. The following list gives a greater priority to projects that have the shortest payback period:

Project Cost Payback (yrs)

- 1) Airport HVAC Improvements \$ 8,982 1.4
 - 2) Sewer Treatment Plant Pump Motor Upgrades \$ 58,679 4.7
 - 3) Police Station Lighting Upgrade \$ 50,561 6.0
 - 4) Police Station HVAC Improvements \$ 8,856 6.2
 - 5) Airport Terminal Lighting Upgrade \$ 84,009 8.1
 - 6) Public Works Piping Insulation \$ 13,748 8.1
 - 7) Sewer Treatment Plant lighting Upgrade \$ 64,082 8.6
 - 8) Sewer Treatment Plant Lagoon Solar Aeration \$ 108,850 8.7
- \$ 397,767

Completing the above projects would utilize the AEA Grant funding (\$227,800) and \$169,967 of the \$315,000 energy revolving loan fund.

- 9) Homer Harbor Lighting \$231,335 8.9
- 10) Raw Water Pump Station Pump Motor Upgrade \$166,089 13.4

To complete these last two projects will require additional funding. If no additional funding is forthcoming, \$145,033 worth of the Harbor Lighting Upgrade project could be completed with the remaining energy revolving loan fund balance.

Related Ordinances **Memorandum - Related Ordinances:** [Ordinance 11-02 \(S\)\(A\) Transfer of Harbor and Water/Sewer Reserve Funds to Energy Revolving Loan Fund for Implementation of Energy Conservation Measures](#)

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Source URL (retrieved on 2015-01-31 11:39):

<http://www.cityofhomer-ak.gov/memorandum/memorandum-11-021-re-energy-conservation-measures-%E2%80%93-3-city-facilities-prioritization-projec>