Life Cycle Cost Assessment Worksheet

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| Energy Use: | | | | | | | 5Financial Discount Rate: | | | | | | |
| Energy Cost: | | | Maintenance Labor Cost: | | | | | Unit Replacement Time: | | | | | |
| Options | Energy  Consumption (Annual) | Initial Purchase Cost | | Number of Units Needed Per Year | 1Annualized Maintenance and Repair Cost | 2Annual Energy  Cost | | | Expected Operating Life | Disposal Cost | 3Annualized Replacement Cost | Salvage Value | 4Life Cycle Cost |
| A) |  |  | |  |  |  | | |  |  |  |  |  |
| B) |  |  | |  |  |  | | |  |  |  |  |  |
| A) |  |  | |  |  |  | | |  |  |  |  |  |
| B) |  |  | |  |  |  | | |  |  |  |  |  |
| A) |  |  | |  |  |  | | |  |  |  |  |  |
| B) |  |  | |  |  |  | | |  |  |  |  |  |

1 Annualized Maintenance and Repair Cost = (Labor cost)(# hrs)(# units)

2 Annual Energy Cost = (Annual Energy Consumption) (Energy cost/kwh)

3 Annualized Replacement Cost= Initial Purchase Cost/Operating Life (yrs)

4 Life-Cycle Cost = Annualized Maintenance and Repair Cost + Annual Energy Cost +Annualized Replacement Cost – Salvage Value

5Note: To account for time value of money, annualized costs may be discounted to present value.

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| **Prepared by:** | **Date Prepared:** |