**TX-PACE**

**Energy/Water Assessment Report** (template)

(Project Image - optional)

(Project Name)

(Street Address)

(City), Texas (Zip Code)

(Month/Date/Year)

**Prepared For**

(Client name)

**Prepared & Approved By**

(Engineer/Contractor/Technical Consultant - individual’s name)

(Engineer/Contractor/Technical Consultant company/firm name)

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**1.0 Executive Summary**

1.1 Project Narrative - concise description of overall project, including:

* history, use of the facility/property, square footage
* baseline calculations/approach
* proposed improvements (ECM – Energy Conservation Measure, WCM – Water Measure)
* savings/payback
* other relevant information

1.2 Project Summary Table

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PACE Improvements** | | | | | | |
| ECM/WCM Detail | | | | Economic Benefits - **First Year** | | |
| Identifier (#) | Description | Cost ($) | Est Useful Life (yrs) | Energy/  Water Savings ($) | Operational Savings ($) | Total Savings ($) |
| ECM 1 |  |  |  |  |  |  |
| ECM 2 |  |  |  |  |  |  |
| ECM 3 |  |  |  |  |  |  |
| WCM 1 |  |  |  |  |  |  |
| WCM 2 |  |  |  |  |  |  |
| **Totals** | | Sum | $ Weighted Avg | Sum | Sum | Sum |

1.3 Project Economics - concise narrative description of project economics, including:

* Total project investment – ECM/WCM installed costs
* PACE financing amount/term - include soft costs, if known
* Total savings over financing term
* Savings/Investment over financing term

1. **Utility Characteristics**

2.1 Concise narrative description of baseline utility services, including:

* Utility provider(s) - energy/water
* Rates, escalation
* Other relevant information

2.2 Utility Summary Table

|  |  |  |
| --- | --- | --- |
| **Utility Type** | **Utility Provider** | **Rate ($/unit)** |
| Electricity |  |  |
| Gas |  |  |
| Water |  |  |
| Wastewater |  |  |
| Thermal |  |  |

1. **Facility Overview and Baseline**

3.1 Concise narrative description of baseline facility/building conditions, including:

* Existing facility use, condition of facility
* Square footage
* Other relevant information

3.2 Energy Baseline – by ECM

* Lighting – watts/square foot, efficiency rating, run hours
* HVAC – efficiency rating, run hours
* Domestic hot water – efficiency rating
* Other (pumps, motors, controls, etc.)

3.3 Water Baseline – by WCM

* Fixtures
* Irrigation
* Wastewater
* Other (cooling tower makeup, etc.)

**4.0 Proposed PACE Improvements**

4.1 Concise narrative description of the proposed ECM/WCM improvements

4.2 Project Summary Table (from Executive Summary)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PACE Improvements** | | | | | | |
| ECM/WCM Detail | | | | Economic Benefits - **First Year** | | |
| Identifier (#) | Description | Cost ($) | Est Useful Life (yrs) | Energy/Water Savings ($) | Operational Savings ($) | Total Savings ($) |
| ECM 1 |  |  |  |  |  |  |
| ECM 2 |  |  |  |  |  |  |
| ECM 3 |  |  |  |  |  |  |
| WCM 1 |  |  |  |  |  |  |
| WCM 2 |  |  |  |  |  |  |
| **Totals** | | Sum | $ Weighted Avg | Sum | Sum | Sum |

4.3 ECM 1 – (Description)

* Explain how ECM will improve energy efficiency
* Supporting savings approach/calculations
* Estimated useful life – basis/source

4.4 ECM 2 - (Description)

* Explain how ECM will improve energy efficiency
* Supporting savings approach/calculations
* Estimated useful life – basis/source

4.5 ECM 3 - (Description)

* Explain how ECM will improve energy efficiency
* Supporting savings approach/calculations
* Estimated useful life – basis/source

4.6 WCM 1 (Description)

* Explain how WCM will improve water efficiency
* Supporting savings approach/calculations
* Estimated useful life – basis/source

4.7 WCM 2 - (Description)

* Explain how WCM will improve water efficiency
* Supporting savings approach/calculations
* Estimated useful life – basis/source

**5.0 About Engineer/Contractor/Technical Consultant**

Concise narrative description of the Engineer/Contractor/Technical Consultant’s background, expertise, capabilities.