|  |  |
| --- | --- |
|  | **Anexo XXIV**  **Ficha Técnica Descriptiva: Sistemas Fotovoltaicos Interconectados a la Red** |

|  |
| --- |
| **No. DE FOLIO DE LA SOLICITUD** |
|  |
| **1. NOMBRE DEL PROYECTO OBJETO DE LA INVERSIÓN** |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2.** **COORDENADAS GEOGRÁFICAS DE LA UNIDAD PRODUCTIVA** | | | | | | | | |
| Latitud |  | | Longitud |  | | Elevación |  | m.n.s.m |
| Promedio anual T° | |  | °C |  |  | |  | |

2.1 Anexar Croquis de Localización

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3. REFERENCIAS ADICIONALES DEL SOLICITANTE** | | | | | | | | | | | | | | | |
| 3.1. No. de Beneficiarios | Hombres | |  | | | Mujeres |  | | Morales | |  | Total | |  | |
| 3.2. No de Beneficiarios pertenecientes a una etnia indígena | | | | | | | Hombres | |  | | Mujeres |  | Total | |  |
| Especifique la etnia a la que pertenece | | | | | |  | | | | | | | | | |
| 3.3 Generación de empleos | | | | Directos permanentes | | | Hombres | |  | Mujeres | |  | Total | |  |
|  |  | | | Temporales | | | Hombres | |  | Mujeres | |  | Total | |  |
| 3.4. Actividad productiva | | | | | | | | | | | | | | | |
| 3.5. Total unidad productiva | |  | | ha | 3.6. Superficie agrícola | | |  | ha | 3.7. Superficie agostadero | | |  | | ha |
| 3.8 Cultivo |  | | | 3.9. Superficie | | |  | | 4.10. Volumen de producción | | | |  | | T/año |

|  |  |
| --- | --- |
| **4. OBJETIVO DEL PROYECTO** | |
|  | |
| **5. METAS Y/O BENEFICIOS DEL PROYECTO (CUANTITATIVAS)** | |
| Meta 1 |  |
| Meta 2 |  |
| Meta 3 |  |

**6. ASPECTOS TÉCNICOS DEL PROYECTO**

6.1. Condiciones climáticas del sitio

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Radiación solar del lugar | Enero | Febrero | Marzo | Abril | Mayo | Junio | Julio | Agosto | Sep | Octubre | Nov | Diciembre |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Promedio |  |  | Horas Pico | | | | | | | | | |

*Los datos de irradiación global diaria se obtendrán de la página web de la NASA: http://eosweb.larc.nasa.gov/sse/*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| B) Temperatura mínima esperada |  | °C |  | C) Temperatura máxima esperada |  | °C |  |  |  |  |  |

6.2. Módulos fotovoltaicos

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Marca | | | | |  | | | | | B) Modelo | | | | | | | | | |  | | | | | | C) Potencia Máxima | | | | | | | | | | | | |  | | | | |  | | | | | | | Wp | | | | | | |  | | |  | | |  | | | | | | |
| D) Número de Celdas | | | |  |  | |  |  |  | | E) Tipo de Módulo FV | | | | | | | | |  | Si-Monocristalino | | | | | | F) Certificación de Módulos | | | | | | | | | | | | | | | | | | | | | | |  | | | | UL 1703 | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | |  | Si-Policristalino | | | | | | | |  | | | |  | | |  | | | | | | | | | | |  | | |  | | | | IEC 61215 | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | |  | Si-Amorfo | | | | | | | |  | | | |  | | |  | | | | | | | | | | |  | | |  | | | | IEC 61646 | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | |  | CdTe | | | | | | | |  | | | |  | | |  | | | | | | | | | | |  | | |  | | | | Ninguno | | | | | | | | | | | | | | |
| G) Fecha de Manufactura | | | | |  | |  |  |  | |  | | |  |  |  | | | | Otro | |  |  | | | | | | | | | | | | | | | | |  | | | | |  | | |  | | | | |  | | | | |  | | |  | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | | |  | | | |  | | *Especificar* | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |  | | | |  | |  | | | | | |  | | | |  | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | | |  | | | |  | |  | | | |  | | |  | | |  | | | | |  | | | | | | | | | |  | | | |  | | | |  | |  | | | | | |  | | | |  | |
| H) País de Origen | | | |  | | |  |  | I) Dimensiones del módulo (LxAxH)(mm) | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | x | | | | |  | | | | | | | x | | | | | | |  | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | | |  | | | |  | |  | | | |  | | |  | | |  | | | | |  | | | | | | | | | |  | | | |  | | | |  | |  | | | | | |  | | | |  | |
| J) Peso | |  | | | Kg |  |  |  | K) Eficiencia | | | | | |  | | | | | | % | | | | |  | |  | | | |  | | | L) Temp. de operación | | | | | | | | | | | | | | | | de | | | | | | |  | | | °C | | |  | | | | | | |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | | |  | | | |  | |  | | | |  | | |  | | |  | | | | |  | | | | | | | | | |  | | | |  | | | | a | |  | | | | | | °C | | | |  |
|  |  |  |  |  |  |  |  |  |  | |  |  | | |  |  | |  | | |  | | | |  | |  | | | |  | | |  | | |  | | | | |  | | | | | | | | | |  | | | |  | | | |  | |  | | | | | |  | | | |  |
| M) Vida útil | | | |  |  | | | | | | | | Años | | | |  | | N) Garantía | | | | |  | | | | | | Años | | | | | | | |  | | |  | |  | | |  | | |  | | | | | |  | |  | |  | | | |  | |  | | | | |  | | | |

6.3. Estructura de soporte

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Tipo de | |  |  | Techo |  |  | B) Material  de | | |  | Aluminio | |  | C) Acabado o protección | | |  | Anodizado | | |  |  |  |  |  |  | |  |
| Fijación | |  |  | Piso |  |  | estructura | | |  | Acero | |  |  | | |  | Galvanizado en caliente | | | | |  |  |  |  | |  |
|  |  |  |  | Pared |  |  |  |  |  |  |  |  |  |  |  |  |  | Otro (especifique) | | | |  | | | |  | |  |
|  |  |  |  | Otro (especifique) | | |  | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| D) Área total del arreglo FV | | |  |  | m2 |  | E) Peso total de módulos y estructura | | | |  | | Kg |  | F) Número total de puntos de anclaje | | | |  |  | G) Peso puntual por anclaje | | |  | | Kg | |  |
|  | | |  |  |  |  |  | | | | | |  |  |  | | | |  |  |  | | | E/F |  |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| H) Peso distribuido del arreglo en el techo | | | | |  | | Kg/m2 | |  | I) Inclinación | | |  | | º |  | J) Azimut | |  |  | | º |  |  |  |  | |  |
|  | | | |  | E/D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |
| K) Observaciones y/o Comentarios | | | | | |  |  | | | | | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |

6.4. Caja de conexión y protecciones del generador FV

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Cuenta con cajas de conexión | | | | | |  |  | Sí |  |  | | cantidad | | | |  | | B) Cuenta con caja de combinación | | | | | | | |  | | Sí |  | |  | | cantidad | | |  | | |
|  |  |  |  |  |  |  |  | No |  |  | |  |  | |  | | de ramas | | | |  | |  |  |  |  | No | | |  | |  | |  |  | |  | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C) Dispositivos de protección | | | | | |  |  | Diodos de bloqueo | | | | | |  | | cantidad | | |  |  | | D) Límite de operación de los circuitos de protección: | | | | | | | | | | | | | | | |  | |
| usados en los arreglos FV y | | | | | |  |  | Diodos Bypass | | | |  | |  | | cantidad | | |  |  | | Sobre corriente máxima: | | | | | | |  | | | | Amperes | | |  | | |
| montados en la caja de conexión | | | | | |  |  | Fusibles | | |  |  | |  | | cantidad | | |  |  | | Sobre voltaje máximo: | | | | | | |  | | | | Volts | | |  | | |

6.5. Método de desconexión de corriente directa

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Tipo | |  | Integrado en inversor |  |  | B) Ampacidad Nom. Del Interruptor de CD |  |  |  | Amperes |  |  |  |  |  |
|  |  |  | Dispositivo separado |  |  | C) Voltaje de desconexión del Interruptor |  |  |  | Volts |  |  |  |  |  |

6.6. Inversor conectado a la red

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Marca | |  | | | | |  | B) Modelo | | |  | | | |  | C) Potencia Máxima | | | |  | | | Watts |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D) Máx. Voltaje CD | | | |  | | Volts | | E) Voltaje nom.de CA | | | |  | | Volts |  | F) Máx. corriente de CA | | | | |  | | Amperes | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G) Eficiencia | | |  | | % |  |  | H) Límite de protección vs sobre corriente | | | | | | | |  | | Amps | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I) Vida útil | |  |  | | Años | |  | J) Garantía | | |  | | | Años | |  |  |  |  |  |  |  |  |  |  |  |  |

6.7. Método de desconexión de Corriente Alterna

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A) Tipo | |  | Integrado en inversor |  | B) Ampacidad Nom. Del Interruptor de CA |  | Amperes |
|  |  |  | Dispositivo separado |  | C) Voltaje de desconexión del Interruptor |  | Volts |

6.8. Sistema fotovoltaico

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A) Capacidad Sistema FV | | | | |  | | kW |  |  | B) Número de Módulos FV | | | | | | |  | | |  |  |  | C) Núm. Módulos en Serie | | | | |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | |  | |  |  |  |  |  |  |  |  |  |  |  |
| D) Número Inversores | | | | |  | |  |  |  | E) Conexión Inversor | | | | |  | | Monofásico | | | |  |  | F) Núm. Ctos. en paralelo | | | | |  | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | | Bifásico | | |  |  |  |  |  |  |  |  |  |  |  |
| G) Voltaje Nominal CA | | | | |  | | Volts | |  |  |  |  |  | |  | | Trifásico | | |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | |  | |  |  |  |  |  |  |  |  |  |  |  |
| H) Corriente de salida CA | | | | |  | | Amperes | |  | I) Sistema de Monitoreo | | | | | | |  | | Sí |  | No |  |  | | | | | | |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | |  | |  |  |  | *Especificar* | | | | | | |  |
| J) Capacidad Generación | | | | |  | | kWh/año | |  | K) Índice energético | | | | |  | | | | kWh/m2 | |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  | |  | |  |  |  |  |  |  |  |  |  |  |  |

6.9. Detalles de la facturación eléctrica en la Unidad Productiva

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Sin discriminación horaria |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Con discriminación horaria |  |  |  |  |  |  |  |

A) Tarifa sin discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Recibo CFE** | | | | | | | | | | | |
| **Número de Servicio:** | |  | **Demanda contratada (kW):** | |  | | | | | | |
| **Tarifa:** | |  | **Demanda precio medio ($/kW):** | |  | | | | | | |
| **Carga Conectada (kW):** | |  | **Energía** | | | | | | | | |
| **Mes** | **Año** | **Demanda Máxima (kW)** | **Consumo total (kWh)** | **FC (%)** | **Precio medio** | | | | | | |
| Febrero |  |  |  |  |  | | | | | | |
| Abril |  |  |  |  |  | | | | | | |
| Junio |  |  |  |  |  | | | | | | |
| Agosto |  |  |  |  |  | | | | | | |
| Octubre |  |  |  |  |  | | | | | | |
| Diciembre |  |  |  |  |  | | | | | | |
| **Promedio bimestral** | |  |  |  |  | | | | | | |
| **Total anual** | | |  |  | |  |  |  |  |  |  | |

B) Tarifa con discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Recibo CFE** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Número de Servicio:** | | |  | | | | | **Carga Conectada (kW):** | | | | | | | | | | | | | |  | | | | |
| **Tarifa:** | | |  | | | | | **Demanda contratada (kW):** | | | | | | | | | | | | | |  | | | | |
| **Consumo de Energía (KWh/Mensual)** | | | | | | | | | | **Precio Unitario ($/KWh)** | | | | | | | **Precio Demanda ($/kW)** | |
| **Mes** | **Año** | **Dem. Facturable (kW)** | **Consumo total (kWh)** | **FC (%)** | **Precio Medio ($)** | | | **Base** | | | **Inter-media** | | | | **Punta** | | | **Base** | | **Inter-media** | | | **Punta** | |  | |
| Enero |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Febrero |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Marzo |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Abril |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Mayo |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Junio |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Julio |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Agosto |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Septiembre |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Octubre |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Noviembre |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| Diciembre |  |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| **Promedio mensual** | |  |  |  |  | | |  | | |  | | | |  | | |  | |  | | |  | |  | |
| **Total anual** | | |  |  | |  |  | |  |  | |  |  |  | |  |  |  |  |  |  | |  |  |  |  |

6.10. Cobertura eléctrica

|  |  |  |  |
| --- | --- | --- | --- |
| **Sistema FV conectado a la red** | | | |
| **Concepto** | **Unidad** | **Mes** | **Año** |
| a) Consumo Energía Eléctrica Unidad Productiva sin discriminación horaria | kWh |  |  |
| b) Consumo Energía Eléctrica Unidad Productiva con discriminación horaria | kWh |  |  |
| c) Energía Eléctrica Producida por el SFVCR | kWh |  |  |
| **Porcentaje de Cobertura EE** | **%** |  |  |

6.11. Costo de la electricidad

A) Tarifa sin discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Concepto** | | | | | | | **UNIDAD** | **$/Unidad** | **Valor ($)** | |
| **Mes** | **Año** |
| Costo Energía Eléctrica | | | | | | | kWh |  |  |  |
| Costo Demanda Máxima | | | | | | | kW |  |  |  |
|  |  |  |  |  |  |  | **Total** | |  |  |

B) Tarifa con discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Concepto** | | | | | | | **UNIDAD** | | | | **$/Unidad** | | | | | **Base** | **Inter- media** | **Punta** | **Demanda** | **Valor ($)** | |
| **Mes** | **Año** |
| Costo Energía Eléctrica | | | | | | | kWh | | | |  | |  | |  |  |  |  |  |  |  |
| Costo Demanda Máxima | | | | | | | kW | | | |  | | | | |  | | |  |  |  |
|  |  |  |  |  |  |  | |  |  |  | |  | |  | | **Total** | | | |  |  |

6.12. Ahorros económicos

A) Tarifa sin discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Concepto** | | | | | | | **Unidad** | **$/Unidad** | **Valor ($)** | |
| **Mes** | **Año** |
| Ahorro Energía Eléctrica | | | | | | | kWh | 0.00 |  |  |
| Ahorro Demanda Máxima | | | | | | | kW | 0.00 |  |  |
|  |  |  |  |  |  |  | **Total** | |  |  |

B) Tarifa con discriminación horaria

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Concepto** | | | | | | | **Unidad** | | **$/Unidad** | | | | **Base** | **Intermedia** | **Punta** | **Demanda** | **Valor ($)** | |
| **Mes** | **Año** |
| Ahorro Energía Eléctrica | | | | | | | kWh | |  |  |  | |  |  |  |  |  |  |
| Ahorro Demanda Facturable | | | | | | | kW | |  | | | |  | | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | **Total** | | | | |  |  |

**7. IMPACTOS DEL PROYECTO**

7.1. Impactos Económicos e Indicadores Financieros

|  |  |  |
| --- | --- | --- |
| **Datos de Entrada** | | |
| **Concepto** | **Monto ($/año)** | **Unidad de medida** |
| Inversión total del proyecto |  | Pesos |
| Costos operación |  | $/Año |
| Costos mantenimiento |  | $/Año |
| Impactos económicos del proyecto |  | $/año |
| Vida útil del proyecto |  | Años |
| Costo del Watt Instalado |  | $ / Watt pico |
| Tipo de cambio |  | $ / USD |
| Costo del Watt Instalado |  | USD / Wp |
| Horizonte de evaluación del proyecto |  | Años |
| Periodo de recuperación de la Inversión |  | Años |
| Valor Presente Neto (VPN) |  | $ |
| Tasa Interna de Retorno (TIR) |  | **%** |
| Relación Beneficio Costo (R B/C) |  |  |
| Ahorro por reducción en el consumo de combustibles fósiles |  | $ |
| Otro (Especificar) |  | $ |
| Ahorro por desplazamiento de consumo electricidad |  |  |
| Ahorro por reducción en la demanda |  |  |
| Ahorro por reducción de costos de mantenimiento |  |  |
| Otro (Especificar) |  |  |
| Fecha tipo de cambio: |  |  |

7.2. Impactos Energéticos y Ambientales

|  |  |  |
| --- | --- | --- |
| **Indicadores del Proyecto** | **Valor** | **Unidad de medida** |
| Consumo de Energía Eléctrica de la Unidad Productiva |  | kWh/año |
| Desplazamiento de Energía Eléctrica en la Unidad Productiva |  | kWh/año |
| Emisiones de GEI generadas actualmente |  | Ton CO2e |
| Reducción de Emisiones de GEI por desplazamiento de Energía |  | Ton CO2e |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Nombre y Firma del Solicitante o Representante Legal** | | | | | | | | | | | | | | |

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