**Date last modified/updated:** Click here to enter a date. **Internal audit:** Click here to enter a date.

**Who last modified/updated:** Click here to enter text. **Management review:** Click here to enter a date.

**This part of the Navigator Playbook is completed when you have:**

1. **Identified the energy uses that consume the most energy within your boundaries.**
2. **Identified factors and persons that affect the energy consumption of identified energy uses.**
3. **Established selection criteria for identifying which of these energy uses should be a significant energy use (SEU).**
4. **Determine SEU energy performance based upon energy consumption and relevant variables as appropriate.**
5. **Review the SEU selection criteria as part of the SEU update process.**
6. Identify the energy uses that consume the most energy within your boundaries.
7. Identify factors and persons that affect the energy consumption of identified energy uses.

[x]  Complete columns 3 and 4 in the Energy Use table in the 50001 Ready Navigator Playbook Worksheet 8 -Energy Data Collection and Analysis.

1. Establish selection criteria for identifying which of these energy uses should be a significant energy use (SEU).

[x]  We have established criteria for determining SEUs.

Detail criteria below:

|  |
| --- |
| The most significant energy uses are those processes that consume the most percent of energy within the scope of the facility or otherwise offer considerable potential for energy performance improvement.  |

We have established methods for determining SEUs

Detail methods below:

|  |
| --- |
| We have summed up the energy consumption of all the primary equipment in each process step and, combined with knowledgeable input from engineering and maintenance staff, have determined the process steps that are the primary energy consumers. We will continue to monitor all process steps to determine if these SEUs change based on time of day or season. |

[x]  SEUs have been identified, along with current performance and associated responsible personnel

[x]  We have identified and listed these relevant variables in the table below:

1. Determine SEU energy performance based upon energy consumption and relevant variables as appropriate.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SEU Name** | **Criteria for Selection** | **Relevant Variable(s)** | **Current Energy Performance** | **Projected Energy consumption** | **Personnel responsible** |
| Aeration | ~50% of total energy consumption | BOD, Flow | 3.58 mmBtu/MG | +/- 4% of Current | Jim Doe |
| Anaerobic Digestion | ~20% of total energy consumption | Flow, HDD, CDD | 1.43 mmBtu/MG | +/- 8% of Current | Jane Doe |
| Secondary Treatment | ~15% of total energy consumption  | Flow | 1.07 mmBtu/MG | +/- 2% of Current | Jim Doe |

|  |  |  |
| --- | --- | --- |
| [x]  | Date entered: | 8/15/20 |
| [x]  | Who entered: | Jenn Doe |
| [x]  | Who reviewed: | Jill Doe |

1. Review the SEU selection criteria as part of the SEU update process.

[x]  We have established a procedure for continually reviewing relevant variables at regularly scheduled intervals, along with responsible personnel.

* See Task 8 for how relevant variables are collected, how often they are collected, and who is responsible.

[x]  Developed a system for monitoring performance of SEUs

* Along with the monthly update of utility bills and relevant variables, the SEUs will also be updated to reflect their monthly values. These will be updated by the responsible personnel listed above.

[x]  Assigned roles and responsibilities for monitoring SEUs

* Responsible personnel are aware of their duties in updating their respective SEUs and are listed above.

[x]  Established a regular schedule for monitoring SEUs

* SEUs are updated monthly but are reviewed each week at our Energy Team meetings to discuss any developments or anomalies.

Top Management Approval

|  |  |  |
| --- | --- | --- |
| [x]  | Date approved: | 8/20/20 |
| [x]  | Who approved: | John Doe |

Comments

Click here to enter text.