Checklist of Other Methods to Identify Energy Opportunities

| Purpose: Provide a listing of methods (other than assessments) for identifying energy opportunities, with a checklist feature for recording the methods used by the organization | | | | | |
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| METHOD | CONTACT | EXPECTED OUTCOMES FROM APPYLING THE METHOD | WAS THIS  METHOD USED? | WHEN WAS IT USED? (date) | NEXT PROPOSED USAGE (date) |
| Employee Suggestions | Contact employees through the suggestion system, survey form or annual performance reviews. | Improvements in process energy efficiency; energy waste reduction opportunities; and, proposed operating efficiency improvements |  |  |  |
| Utility Account Representative | Contact utility to locate the assigned representative. | Information on available utility rates; new technologies promoted by the utility; and fuel switching opportunities |  |  |  |
| Process and Energy Equipment Service Technicians | Technician contact information is available from contracted service provider or equipment vendor service department. | Operating and maintenance recommendations from service provider |  |  |  |
| Equipment Vendors Technical Support | Contact the equipment manufacturer to access their technical support. | Recommendations on most efficient operating conditions and maintenance practices to maximize and sustain operating efficiency |  |  |  |
| Trade association and/or operating standards for industrial sector | Trade association or U.S. Department of Commerce Industrial Statistics | EnPI, plant size, plant energy usage, general plant operating conditions |  |  |  |
| Equipment Standards | Equipment vendor trade association, user group records | Efficient equipment operating conditions and maintenance practices |  |  |  |
| Value Stream Mapping | Lean training seminars, corporate lean manufacturing specialists, EPA Lean, Energy and Climate Toolkit Website: <http://www.epa.gov/lean/environment/toolkits/energy/#E> | Add energy to value stream mapping and identify approaches to reduce energy waste and/or improve operating efficiency |  |  |  |
| Six Sigma | Six sigma websites and blogs, Six sigma training courses, EPA Lean, Energy and Climate Toolkit web-site: [http://www.epa.gov/lean/environment/toolkits/energy/#E](http://www.epa.gov/lean/environment/toolkits/energy/%23E) | Project comparison and selection. |  |  |  |
| Energy Kaizen Events | EPA Lean, Energy and Climate Toolkit Website: [http://www.epa.gov/lean/environment/toolkits/energy/#E](http://www.epa.gov/lean/environment/toolkits/energy/%23E) | Rapid process improvement identifying and implementing process changes to reduce energy waste |  |  |  |
| Benchmarking | Industrial Energy Analysis:  <http://industrial-energy.lbl.gov/node/100> | Spreadsheet tools for use by industries to benchmark a plant's energy intensity to "best practice" and to identify energy-efficiency options that can be implemented. |  |  |  |
| Examine Energy Saving Assessments (ESA) results for like industries | U.S. DOE-Industrial Assistance and Projects Databases:  <http://www.energy.gov/eere/amo/industrial-assistance-and-projects-databases> | Listing of ESA recommendations developed during system assessments |  |  |  |

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| PREPARED BY: | DATE: |
| UPDATED: |