

Energy Int

| | |
|--------------|--------------------------------------|
| Company Name | ABC Corporation |
| Plant | Manufacturing |
| Contact Name | Charles Schultz |
| Address | 1234 Main Street, Los Angeles, 92645 |
| Comments | |

Worksheet for Energy Intensity Cha

| Base Line Data | | | | | | | | 1 |
|----------------|-----------------|------------------------------|-------------------------------|-------------------------------|---|----------------|-----------------------------|---|
| Product | Production Line | Production Units Description | Production Line Baseline Year | Production Line Drop Out Year | Energy used (MMBtu) for all production line | Production Qty | Energy intensity MMBtu/unit | Energy used (MMBtu) for all production line |
| Tape | 1 | Linear ft. | 2007 | 2016 | 1,000,000 | 5,000 | 200.00 | 1,000,000 |
| Shingles | 2 | pounds | 2007 | 2017 | 800,000 | 4,000 | 200.00 | 800,000 |
| Paper | 3 | tons | 2008 | 2017 | 350,000 | 2,000 | 175.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | 2,150,000 | | | 1,800,000 |

Intensity Assessment Matrix

| | |
|---------------------|--|
| Current Year | 2008 |
| Location | Los Angeles |
| E-mail | cshuils@abc.com |
| Phone | 805-999-4356 |

Change Calculations (a)

| 2007 | | | 2 | 2008 | | |
|----------------|-----------------------------|---------------------------------|---|----------------|-----------------------------|---------------------------------|
| First Year | | | Second Year | | | |
| Production Qty | Energy intensity MMBtu/unit | Improvement in energy intensity | Energy used (MMBtu) for all production line | Production Qty | Energy intensity MMBtu/unit | Improvement in energy intensity |
| 5,000 | 200.00 | 0.00% | 980,000 | 5,000 | 196.00 | 2.00% |
| 4,000 | 200.00 | 0.00% | 780,000 | 4,000 | 195.00 | 2.50% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | 1,760,000 | | | |

Energy Int

| | |
|--------------|--------------------------------------|
| Company Name | ABC Corporation |
| Plant | Manufacturing |
| Contact Name | Charles Schultz |
| Address | 1234 Main Street, Los Angeles, 92645 |
| Comments | |

Worksheet for Energy Intensity Cha

| Base Line Data | | | | | | | | 1 |
|----------------|-----------------|------------------------------|-------------------------------|-------------------------------|---|----------------|-----------------------------|---|
| Product | Production Line | Production Units Description | Production Line Baseline Year | Production Line Drop Out Year | Energy used (MMBtu) for all production line | Production Qty | Energy intensity MMBtu/unit | Energy used (MMBtu) for all production line |
| Tape | 1 | Linear ft. | 2007 | 2016 | 1,000,000 | 5,000 | 200.00 | 1,000,000 |
| Shingles | 2 | pounds | 2007 | 2017 | 800,000 | 4,000 | 200.00 | 800,000 |
| Paper | 3 | tons | 2008 | 2017 | 350,000 | 2,000 | 175.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | | | 0.00 | |
| | | | | | 2,150,000 | | | 1,800,000 |

Intensity Assessment Matrix

| | |
|--------------|--|
| Current Year | 2008 |
| Location | Los Angeles |
| E-mail | cschults@abc.com |
| Phone | 805-999-4356 |

Change Calculations (a)

| 2007 | | | 2 | 2008 | | |
|----------------|-----------------------------|---------------------------------|---|----------------|-----------------------------|---------------------------------|
| First Year | | | Second Year | | | |
| Production Qty | Energy intensity MMBtu/unit | Improvement in energy intensity | Energy used (MMBtu) for all production line | Production Qty | Energy intensity MMBtu/unit | Improvement in energy intensity |
| 5,000 | 200.00 | 0.00% | 1,000,000 | 5,200 | 192.31 | 3.85% |
| 4,000 | 200.00 | 0.00% | 800,000 | 4,000 | 200.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | 0.00 | 0.00% | | | 0.00 | 0.00% |
| | | | 1,800,000 | | | |

Energy Intensity Assessment Matrix

Introduction:

This calculator is designed to track progress made in reducing energy intensity in industrial plants. It can be used for multiple plants or production lines with one or more types of products that use varying amounts of energy per unit production.

The following table gives detailed definitions for each cell or row of the calculator.

User Information

Cell or Row No.

| | | |
|----|-------------------------|--|
| E3 | Company name | Give company name |
| L3 | Current Year for Pledge | Enter the current year from your pledge. Format should be such as : 2008 |
| E4 | Participating Plants | Give location, usually city name, for the plant as it is commonly known such as "Toledo, Ohio Plant" |
| M4 | Plant Locations | Provide locations of participating plants |
| E5 | Contact name | Name of the person responsible for completing and/or maintaining the matrix |
| M5 | E-mail | E-mail address for the contact person |
| E6 | Address | Address for the contact person. Give building number, street, city, state and Zip code. |
| M6 | Phone number | Phone number for the contact person. |
| E7 | Comments | Provide information that is pertinent to the data or any other issues. |

Energy Intensity Tracking Worksheet

Detail instructions for use of the calculator

| | | |
|------------|------------------------------|---|
| Row K | Pledge Year | Enter the actual year such as "2008" |
| B13 to B22 | Product or Plant | Enter name of the each product class or Participating Plant, one in each cell from B13 to B22 |
| C13 to C22 | Production Line | Enter an identifying number for each production line within the plant (not required) |
| D13 to D22 | Production Units Description | Enter the appropriate production units for each participating product line or plant |

| | | |
|------------|---------------------|---|
| E13 to E22 | Baseline Year | Report the baseline year for each participating product line or plant |
| F13 to F22 | Final Year | Report the final year that the product line or plant participated in the pledge |
| G13 to G22 | Energy Used | Enter value of energy used in million Btus (MMBtu) for each participating product line or plant. Energy use units may be changed if required but units should be consistent throughout the spreadsheet. |
| H13 to H22 | Production Quantity | Enter value of number of units produced for each product line or plant participant |
| I13 to I22 | Energy Intensity | Energy Intensity is the ratio between the total enegy consumption and the total number of production units for each participating plant or product |

Note: The above mentioned definitions should also be used for corresponding cells for each year starting from 1 to 10.

| | | |
|--------|-----------------------------------|---|
| Row 24 | Annual Change in Energy Intensity | Cells in this row represent the weighted average change in energy intensity for the corresponding year. |
| Row 25 | Total Change in Energy Intensity | Cells in this row represent the Total Change in Energy Intensity for the Organization over the period examined. |



Energy Intensity A

| | | | |
|--------------|--------------------------------------|--|--|
| Company Name | ABC Corporation | | |
| Plant | Manufacturing | | |
| Contact Name | Charles Schultz | | |
| Address | 1234 Main Street, Los Angeles, 92645 | | |
| Comments | | | |

Worksheet for Energy Intensity Change Calc

| Year | | 0 | 2008 | | 1 | 2009 | | |
|-------------------------|------------------------------|----------------------------------|--------------|----------------------------|----------------------------------|--------------|----------------------------|-------------------------|
| | | Baseline Year | | | First year | | | |
| Product | Production Units Description | Energy used (MBtu) for all units | No. of units | Energy intensity MBtu/unit | Energy used (MBtu) for all units | No. of units | Energy intensity MBtu/unit | Energy intensity change |
| Wrenches | Numbers | 1,000,000 | 5,000 | 200.0000 | 1,000,000 | 5,000 | 200.0000 | 0.0000 |
| Lubricant | Gallons | 800,000 | 4,000 | 200.0000 | 800,000 | 4,000 | 200.0000 | 0.0000 |
| Bolts | Lbs. | 350,000 | 2,000 | 175.0000 | 0 | 0 | 0.0000 | 1.0000 |
| Steel | Tons | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | 0.0000 |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| | | 0 | 0 | 0.0000 | 0 | 0 | 0.0000 | |
| Energy Intensity Change | | Base | | | 0.000% | | | |

Assessment Matrix

| | |
|-----------|--|
| Base Year | 2008 |
| Location | Los Angeles |
| E-mail | cschults@abc.com |
| Phone | 805-999-4356 |

Calculations

| 2009 | | 2010 | | 2011 | |
|----------------------------------|--------------|----------------------------|----------------------------------|--------------|----------------------------|
| Second year | | Third year | | Fourth year | |
| Energy used (MBtu) for all units | No. of units | Energy intensity MBtu/unit | Energy used (MBtu) for all units | No. of units | Energy intensity MBtu/unit |
| 980,000 | 5,000 | 196.0000 | 980,000 | 5,000 | 196.0000 |
| 780,000 | 4,000 | 195.0000 | 780,000 | 4,000 | 195.0000 |
| 0 | 0 | 0.0000 | 350,000 | 2,000 | 175.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 0 | 0 | 0.0000 | 0 | 0 | 0.0000 |
| 444.318% | | | 370.616% | | |



Energy Baseline Assessment Matrix

| | | | |
|--------------|-------------------------------------|-----------|--|
| Company Name | ABC Corporation | Base Year | 2008 |
| Plant | New Plant | Location | Toledo, Ohio |
| Contact Name | Charles Berg | E-mail | cberg@abccorp.com |
| Address | 1234 Main Street, Toledo Ohio 43600 | Phone | 419-345-9000 |
| Comments | Energy intensity reduction records | | |

Option 1:

Worksheet based on Sales \$ for Individual Units or Products

Note : Alternatively The Sales \$ can be substituted by Value Added for each product also.

| Energy Intensity Calculation - Based on Value of Shipment for Each Product | | | | Indexed to producer price index | | | Yes | State YES or NO |
|--|-------------------------|---------------------------|-------------------------|---------------------------------|-------------------------|---------------------------|-------------------------|---------------------------|
| Year | 1 | 2008 | 2 | 2009 | 3 | 2010 | 4 | 2011 |
| Product | Energy used (MBtu/unit) | Sales for Individual unit | Energy used (MBtu/unit) | Sales for Individual unit | Energy used (MBtu/unit) | Sales for Individual unit | Energy used (MBtu/unit) | Sales for Individual unit |
| Bolts | 1.00 | 1,000,000 | 0.99 | 1,000,000 | 0.99 | 1,100,000 | 0.97 | 1,000,000 |
| Sockets | 1.00 | 2,000,000 | 0.98 | 2,000,000 | 0.98 | 2,200,000 | 0.96 | 2,000,000 |
| C | | | | | 0.95 | 1,000,000 | 0.93 | 950,000 |
| D | | | | | 0.97 | 1,200,000 | 0.95 | 1,000,000 |
| E | | | | | 0.95 | 1,300,000 | 0.93 | 1,400,000 |
| F | | | | | 0.97 | 1,000,000 | | |
| G | | | | | | | | |
| H | | | | | | | | |
| I | | | | | | | | |
| J | | | | | | | | |

| | | | | | |
|---|-------|-------|-------|-------|-------|
| Intensity Change (Below) at the end of 10 years | Index | 1.000 | 0.983 | 0.970 | 0.952 |
|---|-------|-------|-------|-------|-------|

| | | | | | |
|--|-------------------------------|------|-------|-------|-------|
| 19.9% | Total Energy Intensity Change | Base | 1.67% | 3.03% | 4.76% |
| | Energy Intensity | Base | 98.33 | 96.97 | 95.24 |
| 21.8% | Change from previous year | Base | 1.67% | 1.38% | 1.79% |
| Combined Multi-Year Intensity Change (Above) | | | | | |



Energy Baseline Assessment Matrix

| | | | | | | | | |
|------------|--|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| Option 2 : | Plant Name : | | #REF! | | Baseline Date : | | #REF! | |
| | Worksheet based on Energy use per unit of Individual Units or Products | | | | | | | |
| | Energy Intensity Calculation - Based on Each Product's Energy Use | | | | | | | |
| Year | 1 | 2008 | 2 | 2009 | 3 | 2010 | 4 | 2011 |
| Product | Energy used (MBtu/unit) | No. of units | Energy used (MBtu/unit) | No. of units | Energy used (MBtu/unit) | No. of units | Energy used (MBtu/unit) | No. of units |
| Bolts | 1.00 | 100,000 | 0.99 | 100,000 | 0.95 | 120,000 | 0.92 | 120,000 |
| Sockets | 1.00 | 10,000 | 0.98 | 10,000 | 0.94 | 15,000 | 0.91 | 15,000 |
| C | | | | | | | | |
| D | | | | | | | | |
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| | | | | | |
|---|-------------------------------|--------|--------|--------|--------|
| Intensity Change (Below) at the end of 10 years | Index | 1.0000 | 0.9891 | 0.9493 | 0.9209 |
| 20.9% | Total Energy Intensity Change | Base | 1.09% | 5.07% | 7.91% |
| | Energy Intensity | Base | 98.91 | 94.93 | 92.09 |
| 23.1% | Change from previous year | Base | 1.09% | 4.02% | 3.00% |

Combined Multi-Year Intensity Change (Above)



Energy Baseline Assessment Matrix

| | | | | | | | | |
|---|--|--------------|----------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------------|
| Option 3 : | Plant Name : | #REF! | Baseline Date : | #REF! | | | | |
| | Worksheet based on Energy use - All Units for each Individual Units or Products | | | | | | | |
| | Energy Intensity Calculation - Based on All Units' Energy Use | | | | | | | |
| Year | 1 | 2008 | 2 | 2009 | 3 | 2010 | 4 | 2011 |
| Product | Energy used (MBtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units |
| Bolts | 100,000 | 100,000 | 105,000 | 109,000 | 109,000 | 114,450 | 103,550 | 120,173 |
| Sockets | 10,000 | 10,000 | 11,000 | 10,500 | 10,200 | 11,500 | 9,996 | 11,500 |
| C | | | | | | | | |
| D | | | | | | | | |
| E | | | | | | | | |
| F | | | | | | | | |
| G | | | | | | | | |
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| J | | | | | | | | |
| Intensity Change (Below) at the end of 10 years | Index | 1.0000 | 0.9707 | 0.9464 | 0.8623 | | | |
| 28.2% | Total Energy Intensity Change | Base | 2.93% | 5.36% | 13.77% | | | |
| | Energy Intensity | Base | 97.07 | 94.64 | 86.23 | | | |
| 32.2% | Change from previous year | Base | 2.93% | 2.50% | 8.88% | | | |

Combined Multi-Year Intensity Change (Above)



Energy Baseline Assessment Matrix

| | | | | |
|--------------|--------------|-------------------------------------|-----------|-------------------|
| Company Name | Company Name | ABC Corporation | Base Year | 2008 |
| Plant | Plant | New Plant | Location | Toledo, Ohio |
| Contact Name | Contact Name | Charles Berg | E-mail | cberg@abccorp.com |
| Address | Address | 1234 Main Street, Toledo Ohio 43600 | Phone | 419-345-9000 |
| Comments | Comments | Energy intensity reduction records | | |

Option 1:

Worksheet based on Sales \$ for Individual Units or Products

| Energy Intensity Ca | Energy Intensity Calculation - Based on Value of Shipment for Each Product | | | Indexed to producer price index | | | Yes | State YES or NO |
|---------------------|--|---------------------------|--------------------------|---------------------------------|--------------------------|---------------------------|--------------------------|---------------------------|
| Year | 5 | 2012 | 6 | 2013 | 7 | 2014 | 8 | 2015 |
| Product | Energy used (MBtu/ unit) | Sales for Individual unit | Energy used (MBtu/ unit) | Sales for Individual unit | Energy used (MBtu/ unit) | Sales for Individual unit | Energy used (MBtu/ unit) | Sales for Individual unit |
| Bolts | 0.96 | 1,000,000 | 0.92 | 1,200,000 | 0.90 | 1,000,000 | 0.87 | 1,000,000 |
| Sockets | 0.95 | 2,000,000 | 0.93 | 1,300,000 | 0.89 | 1,000,000 | 0.88 | 1,000,000 |
| C | 0.92 | | | | | | | |
| D | 0.94 | 3,000,000 | | | | | | |
| E | 0.92 | 1,000,000 | | | | | | |
| F | - | | | | | | | |
| G | - | | | | | | | |
| H | - | | | | | | | |
| I | - | | | | | | | |
| J | | | | | | | | |

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|---|-------|-------|-------|-------|-------|
| Intensity Change (Below) at the end of 10 years | Index | 0.940 | 0.925 | 0.898 | 0.873 |
|---|-------|-------|-------|-------|-------|

| | | | | | |
|--|-------------------------------|-------|-------|--------|--------|
| 19.9% | Total Energy Intensity Change | 5.99% | 7.51% | 10.18% | 12.75% |
| | Energy Intensity | 94.01 | 92.49 | 89.82 | 87.25 |
| 21.8% | Change from previous year | 1.30% | 1.62% | 2.88% | 2.86% |
| Combined Multi-Year Intensity Change (Above) | | | | | |



Energy Baseline Assessment Matrix

| | | | | | | | | |
|------------|--|--------------|--------------------------|--------------|--------------------------|--------------|--------------------------|--------------|
| Option 2 : | Plant Name : | | #REF! | | Baseline Date : | | #REF! | |
| | Worksheet based on Energy use per unit of Individual Units or Products | | | | | | | |
| | Energy Intensity Calculation - Based on Each Product's Energy Use | | | | | | | |
| Year | 5 | 2012 | 6 | 2013 | 7 | 2014 | 8 | 2015 |
| Product | Energy used (MBtu/ unit) | No. of units | Energy used (MBtu/ unit) | No. of units | Energy used (MBtu/ unit) | No. of units | Energy used (MBtu/ unit) | No. of units |
| Bolts | 0.90 | 130,000 | 0.89 | 150,000 | 0.84 | 150,000 | 0.82 | 120,000 |
| Sockets | 0.89 | 20,000 | 0.88 | 21,000 | 0.85 | 23,000 | 0.83 | 23,000 |
| C | | | | | | | | |
| D | | | | | | | | |
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|---|-------------------------------|--------|--------|--------|--------|
| Intensity Change (Below) at the end of 10 years | Index | 0.9022 | 0.8843 | 0.8413 | 0.8248 |
| 20.9% | Total Energy Intensity Change | 9.78% | 11.57% | 15.87% | 17.52% |
| | Energy Intensity | 90.22 | 88.43 | 84.13 | 82.48 |
| 23.1% | Change from previous year | 2.02% | 1.99% | 4.86% | 1.97% |

Combined Multi-Year Intensity Change (Above)



Energy Baseline Assessment Matrix

Plant Name : #REF! Baseline Date : #REF!

Option 3 :

Worksheet based on Energy use - All Units for each Individual Units or Products

Energy Intensity Calculation - Based on All Units' Energy Use

| Year | 5 | 2012 | 6 | 2013 | 7 | 2014 | 8 | 2015 |
|---------|----------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------------|
| Product | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units |
| Bolts | 100,444 | 123,778 | 97,430 | 127,491 | 96,456 | 128,766 | 95,491 | 130,054 |
| Sockets | 9,396 | 11,500 | 8,832 | 11,500 | 8,303 | 11,500 | 7,804 | 11,500 |
| C | | | | | | | | |
| D | | | | | | | | |
| E | | | | | | | | |
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|---|-------------------------------|--------|--------|--------|--------|
| Intensity Change (Below) at the end of 10 years | Index | 0.8120 | 0.7645 | 0.7469 | 0.7297 |
| 28.2% | Total Energy Intensity Change | 18.80% | 23.55% | 25.31% | 27.03% |
| | Energy Intensity | 81.20 | 76.45 | 74.69 | 72.97 |
| 32.2% | Change from previous year | 5.84% | 5.84% | 2.31% | 2.29% |


Combined Multi-Year Intensity Change (Above)



Energy Baseline Assessment Matrix

| | | | | |
|---|---|---------------------------|-------------------------|---------------------------|
| Company Name | Additional Information | | | |
| Plant | | | | |
| Contact Name | | | | |
| Address | | | | |
| Comments | | | | |
| | | | | |
| Option 1: | Worksheet based on Sales \$ for Individual Units or Products | | | |
| Energy Intensity Ca | | | | |
| Year | 9 | 2016 | 10 | 2017 |
| Product | Energy used (MBtu/unit) | Sales for Individual unit | Energy used (MBtu/unit) | Sales for Individual unit |
| Bolts | 0.85 | 1,200,000 | 0.82 | 1,300,000 |
| Sockets | 0.84 | 1,000,000 | 0.79 | 2,500,000 |
| C | | | | |
| D | | | | |
| E | | | | |
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| Intensity Change (Below) at the end of 10 years | Index | 0.848 | 0.801 | |

| | | | |
|--|-------------------------------|--------|--------|
| 19.9% | Total Energy Intensity Change | 15.20% | 19.87% |
| | Energy Intensity | 84.80 | 80.13 |
| 21.8% | Change from previous year | 2.81% | 5.51% |
| Combined Multi-Year Intensity Change (Above) | | | |

|  | Energy Baseline Assessment Matrix | | | |
|---|--|--------------|-------------------------|--------------|
| Option 2 : | #REF! | #REF! | #REF! | #REF! |
| | Worksheet based on Energy use per unit of Individual Units or Products | | | |
| | Energy Intensity Calculation - Based on Each Product's Energy Use | | | |
| Year | 9 | 2016 | 10 | 2017 |
| Product | Energy used (MBtu/unit) | No. of units | Energy used (MBtu/unit) | No. of units |
| Bolts | 0.81 | 130,000 | 0.79 | 140,000 |
| Sockets | 0.81 | 20,000 | 0.79 | 18,000 |
| C | | | | |
| D | | | | |
| E | | | | |
| F | | | | |
| G | | | | |
| H | | | | |
| I | | | | |
| J | | | | |
| Intensity Change (Below) at the end of 10 years | Index | 0.8072 | | 0.7910 |
| 20.9% | Total Energy Intensity Change | 19.28% | | 20.90% |
| | Energy Intensity | 80.72 | | 79.10 |
| 23.1% | Change from previous year | 2.13% | | 2.01% |

Combined Multi-Year Intensity Change (Above)



Energy Baseline Assessment Matrix

Option 3 :

#REF! #REF! #REF! #REF!
Worksheet based on Energy use - All Units for each Individual Units or Products

Energy Intensity Calculation - Based on All Units' Energy Use

| Year | 9 | 2016 | 10 | 2017 |
|---------|----------------------------------|--------------|----------------------------------|--------------|
| Product | Energy used (Mbtu) for all units | No. of units | Energy used (Mbtu) for all units | No. of units |
| Bolts | 95,109 | 130,054 | 94,729 | 130,054 |
| Sockets | 7,336 | 11,500 | 6,896 | 11,500 |
| C | | | | |
| D | | | | |
| E | | | | |
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| G | | | | |
| H | | | | |
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| | | | |
|---|-------------------------------|--------|--------|
| Intensity Change (Below) at the end of 10 years | Index | 0.7237 | 0.7179 |
| 28.2% | Total Energy Intensity Change | 27.63% | 28.21% |
| | Energy Intensity | 72.37 | 71.79 |
| 32.2% | Change from previous year | 0.82% | 0.80% |

Combined Multi-Year Intensity Change (Above)