

# 企業局鶴岡電気水道事務所 再生可能エネルギーへの取組み1/2

運転開始以来の合計(kWh)

18,627,147

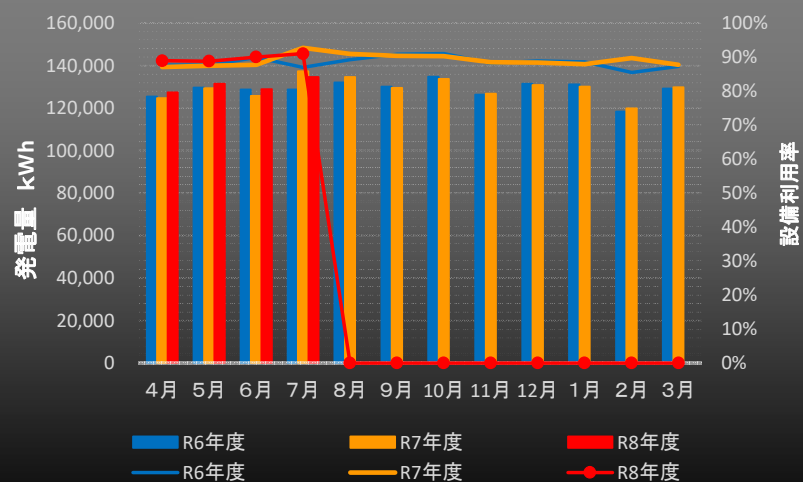
| 鶴岡量水所 小水力発電 |           |           |         |           |      |      |     |
|-------------|-----------|-----------|---------|-----------|------|------|-----|
| 月           | 発電量 [kWh] |           |         | 設備利用率 [%] |      |      | 備 考 |
|             | R6年度      | R7年度      | R8年度    | R6年度      | R7年度 | R8年度 |     |
| 4月          | 125,517   | 124,772   | 127,400 | 88%       | 87%  | 89%  |     |
| 5月          | 129,742   | 129,444   | 131,491 | 88%       | 87%  | 89%  |     |
| 6月          | 128,788   | 125,758   | 128,946 | 90%       | 88%  | 90%  |     |
| 7月          | 128,716   | 137,344   | 134,713 | 87%       | 93%  | 91%  |     |
| 8月          | 132,097   | 134,588   | 0       | 89%       | 91%  | 0%   |     |
| 9月          | 130,188   | 129,472   | 0       | 91%       | 90%  | 0%   |     |
| 10月         | 134,780   | 133,705   | 0       | 91%       | 90%  | 0%   |     |
| 11月         | 126,360   | 126,803   | 0       | 88%       | 89%  | 0%   |     |
| 12月         | 131,558   | 130,865   | 0       | 89%       | 88%  | 0%   |     |
| 1月          | 131,213   | 130,133   | 0       | 89%       | 88%  | 0%   |     |
| 2月          | 118,362   | 119,945   | 0       | 85%       | 90%  | 0%   |     |
| 3月          | 129,152   | 129,876   | 0       | 87%       | 88%  | 0%   |     |
| 計           | 1,546,473 | 1,552,705 | 522,550 | 88%       | 89%  | 30%  |     |

運転開始以来の合計(kWh)

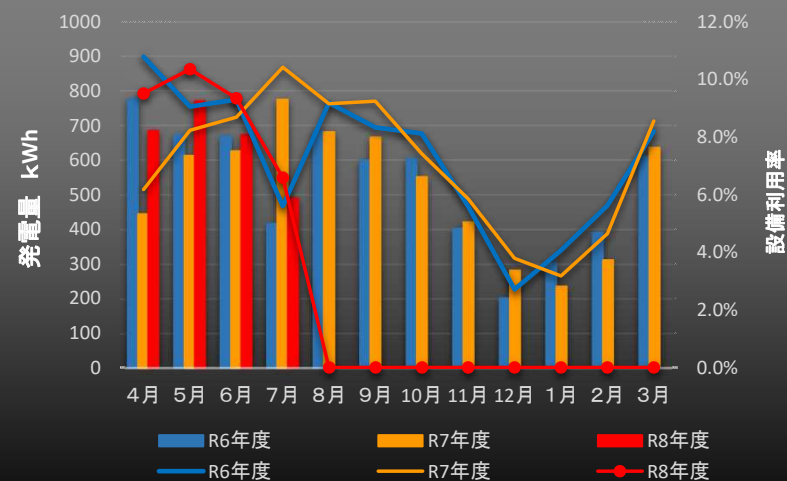
74,957

| 朝日浄水場 太陽光発電 |           |       |       |           |       |       |     |
|-------------|-----------|-------|-------|-----------|-------|-------|-----|
| 月           | 発電量 [kWh] |       |       | 設備利用率 [%] |       |       | 備 考 |
|             | R6年度      | R7年度  | R8年度  | R6年度      | R7年度  | R8年度  |     |
| 4月          | 777       | 444   | 685   | 10.8%     | 6.2%  | 9.5%  |     |
| 5月          | 673       | 613   | 770   | 9.1%      | 8.2%  | 10.3% |     |
| 6月          | 670       | 625   | 673   | 9.3%      | 8.7%  | 9.3%  |     |
| 7月          | 416       | 775   | 490   | 5.6%      | 10.4% | 6.6%  |     |
| 8月          | 683       | 681   | 0     | 9.2%      | 9.2%  | 0.0%  |     |
| 9月          | 600       | 666   | 0     | 8.3%      | 9.2%  | 0.0%  |     |
| 10月         | 604       | 552   | 0     | 8.1%      | 7.4%  | 0.0%  |     |
| 11月         | 402       | 421   | 0     | 5.6%      | 5.9%  | 0.0%  |     |
| 12月         | 201       | 282   | 0     | 2.7%      | 3.8%  | 0.0%  |     |
| 1月          | 302       | 236   | 0     | 4.1%      | 3.2%  | 0.0%  |     |
| 2月          | 391       | 312   | 0     | 5.6%      | 4.6%  | 0.0%  |     |
| 3月          | 610       | 636   | 0     | 8.2%      | 8.5%  | 0.0%  |     |
| 計           | 6,331     | 6,243 | 2,618 | 7.2%      | 7.1%  | 3.0%  |     |

鶴岡量水所 小水力発電



朝日浄水場 太陽光発電



## 企業局鶴岡電気水道事務所 再生可能エネルギー発電の効果2/2

### 鶴岡量水所 小水力発電

| 年 月   | 発電量<br>[kWh] | CO <sub>2</sub> 削減効果※1<br>[t-CO <sub>2</sub> ] | CO <sub>2</sub> 削減効果<br>スギ換算[本] | 化石燃料<br>削減効果<br>原油換算[ℓ] |
|-------|--------------|------------------------------------------------|---------------------------------|-------------------------|
| R6.4  | 125,517      | 50                                             | 3,586                           | 32,286                  |
| R6.5  | 129,742      | 52                                             | 3,707                           | 33,373                  |
| R6.6  | 128,788      | 52                                             | 3,680                           | 33,128                  |
| R6.7  | 128,716      | 51                                             | 3,678                           | 33,109                  |
| R6.8  | 132,097      | 53                                             | 3,774                           | 33,979                  |
| R6.9  | 130,188      | 52                                             | 3,720                           | 33,488                  |
| R6.10 | 134,780      | 54                                             | 3,851                           | 34,669                  |
| R6.11 | 126,360      | 51                                             | 3,610                           | 32,503                  |
| R6.12 | 131,558      | 53                                             | 3,759                           | 33,840                  |
| R7.1  | 131,213      | 52                                             | 3,749                           | 33,751                  |
| R7.2  | 118,362      | 47                                             | 3,381                           | 30,446                  |
| R7.3  | 129,152      | 52                                             | 3,690                           | 33,221                  |
| R7.4  | 124,772      | 50                                             | 3,565                           | 32,095                  |
| R7.5  | 129,444      | 52                                             | 3,699                           | 33,296                  |
| R7.6  | 125,758      | 50                                             | 3,593                           | 32,348                  |
| R7.7  | 137,344      | 55                                             | 3,924                           | 35,328                  |
| R7.8  | 134,588      | 54                                             | 3,846                           | 34,620                  |
| R7.9  | 129,472      | 52                                             | 3,699                           | 33,304                  |
| R7.10 | 133,705      | 53                                             | 3,820                           | 34,392                  |
| R7.11 | 126,803      | 51                                             | 3,623                           | 32,617                  |
| R7.12 | 130,865      | 52                                             | 3,739                           | 33,662                  |
| R8.1  | 130,133      | 52                                             | 3,718                           | 33,474                  |
| R8.2  | 119,945      | 48                                             | 3,427                           | 30,853                  |
| R8.3  | 129,876      | 52                                             | 3,711                           | 33,407                  |
| R8.4  | 127,400      | 51                                             | 3,640                           | 32,771                  |
| R8.5  | 131,491      | 53                                             | 3,757                           | 33,823                  |
| R8.6  | 128,946      | 52                                             | 3,684                           | 33,168                  |
| R8.7  | 134,713      | 54                                             | 3,849                           | 34,652                  |
| R8.8  | 0            | 0                                              | 0                               | 0                       |
| R8.9  | 0            | 0                                              | 0                               | 0                       |
| R8.10 | 0            | 0                                              | 0                               | 0                       |
| R8.11 | 0            | 0                                              | 0                               | 0                       |
| R8.12 | 0            | 0                                              | 0                               | 0                       |
| R9.1  | 0            | 0                                              | 0                               | 0                       |
| R9.2  | 0            | 0                                              | 0                               | 0                       |
| R9.3  | 0            | 0                                              | 0                               | 0                       |

※1 温室効果ガス排出係数

(R5.4~R6.3 0.000385 t-CO<sub>2</sub>/kwh, R6.4~ 0.000400 t-CO<sub>2</sub>/kwh)

運転開始（H26年11月～）以来の合計

|    | 発電量<br>[kWh] | CO <sub>2</sub> 削減効果※1<br>[t-CO <sub>2</sub> ] | CO <sub>2</sub> 削減効果<br>スギ換算[本] | 化石燃料<br>削減効果<br>原油換算[ℓ] |
|----|--------------|------------------------------------------------|---------------------------------|-------------------------|
| 累計 | 18,627,147   | 8,945                                          | 638,927                         | 4,791,385               |

### 朝日浄水場 太陽光発電

| 年 月   | 発電量<br>[kWh] | CO <sub>2</sub> 削減効果※1<br>[t-CO <sub>2</sub> ] | CO <sub>2</sub> 削減効果<br>スギ換算[本] | 化石燃料<br>削減効果<br>原油換算[ℓ] |
|-------|--------------|------------------------------------------------|---------------------------------|-------------------------|
| R6.4  | 777          | 0.31                                           | 22                              | 200                     |
| R6.5  | 673          | 0.27                                           | 19                              | 173                     |
| R6.6  | 670          | 0.27                                           | 19                              | 172                     |
| R6.7  | 416          | 0.17                                           | 12                              | 107                     |
| R6.8  | 683          | 0.27                                           | 19                              | 176                     |
| R6.9  | 600          | 0.24                                           | 17                              | 154                     |
| R6.10 | 604          | 0.24                                           | 17                              | 155                     |
| R6.11 | 402          | 0.16                                           | 11                              | 103                     |
| R6.12 | 201          | 0.08                                           | 6                               | 52                      |
| R7.1  | 302          | 0.12                                           | 9                               | 78                      |
| R7.2  | 391          | 0.16                                           | 11                              | 101                     |
| R7.3  | 610          | 0.24                                           | 17                              | 157                     |
| R7.4  | 444          | 0.18                                           | 13                              | 114                     |
| R7.5  | 613          | 0.25                                           | 18                              | 158                     |
| R7.6  | 625          | 0.25                                           | 18                              | 161                     |
| R7.7  | 775          | 0.31                                           | 22                              | 199                     |
| R7.8  | 681          | 0.27                                           | 19                              | 175                     |
| R7.9  | 666          | 0.27                                           | 19                              | 171                     |
| R7.10 | 552          | 0.22                                           | 16                              | 142                     |
| R7.11 | 421          | 0.17                                           | 12                              | 108                     |
| R7.12 | 282          | 0.11                                           | 8                               | 72                      |
| R8.1  | 236          | 0.09                                           | 6                               | 61                      |
| R8.2  | 312          | 0.12                                           | 9                               | 80                      |
| R8.3  | 636          | 0.25                                           | 18                              | 164                     |
| R8.4  | 685          | 0.27                                           | 19                              | 176                     |
| R8.5  | 770          | 0.31                                           | 22                              | 198                     |
| R8.6  | 673          | 0.27                                           | 19                              | 173                     |
| R8.7  | 490          | 0.20                                           | 14                              | 126                     |
| R8.8  | 0            | 0.00                                           | 0                               | 0                       |
| R8.9  | 0            | 0.00                                           | 0                               | 0                       |
| R8.10 | 0            | 0.00                                           | 0                               | 0                       |
| R8.11 | 0            | 0.00                                           | 0                               | 0                       |
| R8.12 | 0            | 0.00                                           | 0                               | 0                       |
| R9.1  | 0            | 0.00                                           | 0                               | 0                       |
| R9.2  | 0            | 0.00                                           | 0                               | 0                       |
| R9.3  | 0            | 0.00                                           | 0                               | 0                       |

※1 温室効果ガス排出係数

(R5.4~R6.3 0.000385 t-CO<sub>2</sub>/kwh, R6.4~ 0.000400 t-CO<sub>2</sub>/kwh)

※R8.3.1 太陽光発電データ集計装置不具合のため欠測

運転開始（H27年2月～）以来の合計

|    | 発電量<br>[kWh] | CO <sub>2</sub> 削減効果※1<br>[t-CO <sub>2</sub> ] | CO <sub>2</sub> 削減効果<br>スギ換算[本] | 化石燃料<br>削減効果<br>原油換算[ℓ] |
|----|--------------|------------------------------------------------|---------------------------------|-------------------------|
| 累計 | 74,957       | 36                                             | 2,559                           | 19,280                  |