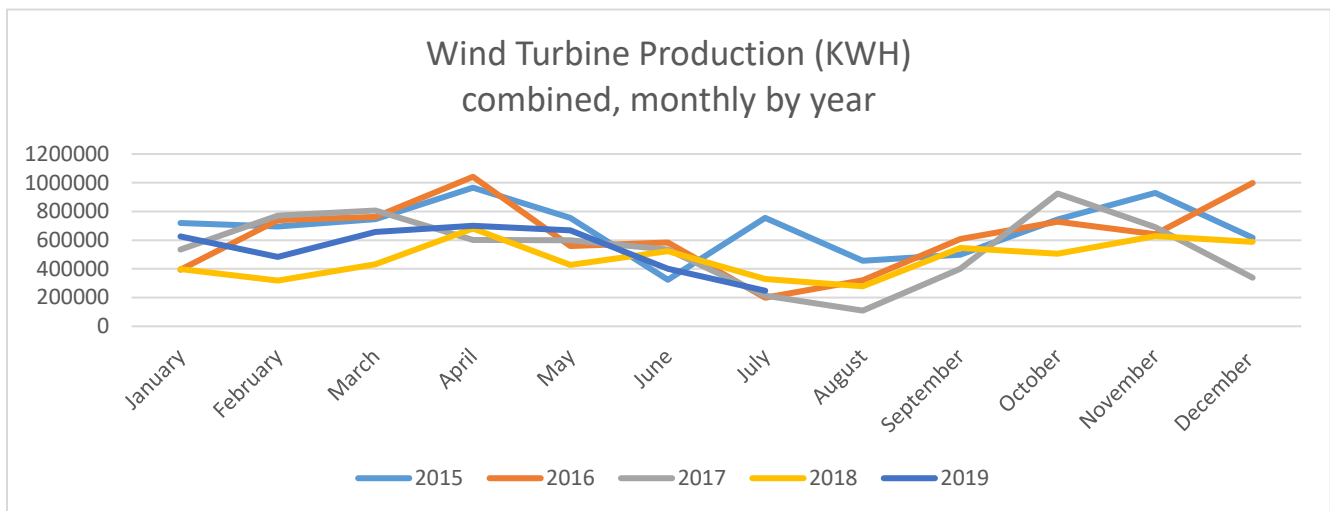




## WILLMAR MUNICIPAL UTILITIES

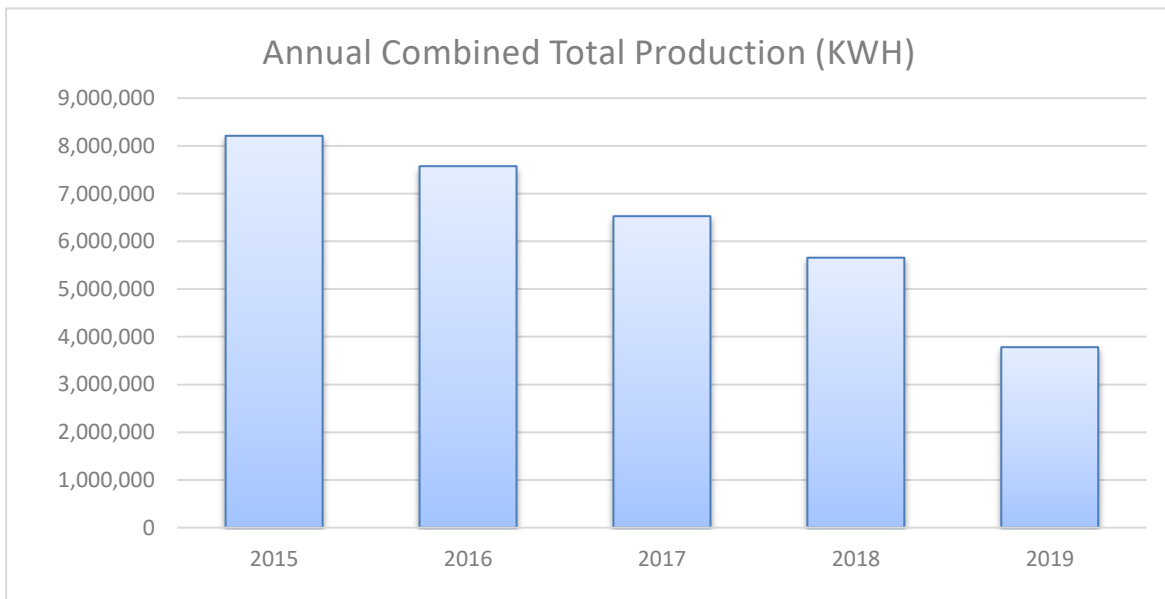
### July 2019 Wind Turbine Report

*“Willmar Municipal Utilities will provide safe, reliable & quality utility services at competitive rates for their customers.”*



|                   | Production (KWH) |                  | Availability (%) |       | Total KWH        | Major Outages           |
|-------------------|------------------|------------------|------------------|-------|------------------|-------------------------|
|                   | #3               | #4               | #3               | #4    |                  |                         |
| July 2019         | 103,870          | 143,632          | 87.0             | 99.2  | 247,502          |                         |
| June 2019         | 193,833          | 206,623          | 97.5             | 96.3  | 400,456          |                         |
| May 2019          | 334,629          | 333,805          | 98.2             | 90.7  | 668,434          |                         |
| Apr. 2019         | 351,660          | 348,296          | 99.0             | 93.0  | 699,956          |                         |
| Mar. 2019         | 323,973          | 332,299          | 99.1             | 99.8  | 656,272          |                         |
| Feb. 2019         | 237,229          | 246,933          | 96.8             | 99.9  | 484,162          |                         |
| Jan. 2019         | 329,634          | 295,250          | 94.2             | 88.6  | 624,884          |                         |
| Dec. 2018         | 316,836          | 270,427          | 99.8             | 97.2  | 587,263          |                         |
| Nov. 2018         | 312,989          | 315,427          | 99.0             | 100.0 | 628,416          |                         |
| Oct. 2018         | 195,545          | 310,361          | 69.7             | 90.6  | 505,906          | #3 and #4 Blade Repairs |
| Sept. 2018        | 263,800          | 281,669          | 97.2             | 97.8  | 545,469          |                         |
| Aug. 2018         | 137,091          | 141,560          | 100.0            | 81.6  | 278,651          |                         |
| July 2018         | 155,457          | 175,099          | 95.2             | 98.2  | 330,556          |                         |
| <b>2019 Total</b> | <b>1,874,828</b> | <b>1,906,838</b> |                  |       | <b>3,781,666</b> |                         |

| Month        | 2015             | 2016             | 2017             | 2018             | 2019             |
|--------------|------------------|------------------|------------------|------------------|------------------|
| January      | 720369           | 393,477          | 534,867          | 398,844          | 624,884          |
| February     | 695143           | 740,655          | 771,227          | 317,618          | 484,162          |
| March        | 746045           | 761,028          | 806,936          | 432,165          | 656,272          |
| April        | 965530           | 1,041,382        | 601,823          | 681,026          | 699,956          |
| May          | 755889           | 557,947          | 598,108          | 427,219          | 668,434          |
| June         | 324005           | 583,043          | 534,662          | 523,406          | 400,456          |
| July         | 755889           | 199,043          | 214,304          | 330,556          | 247,502          |
| August       | 457386           | 321,326          | 109,215          | 278,651          |                  |
| September    | 499215           | 609,004          | 400,210          | 545,469          |                  |
| October      | 744572           | 727,379          | 925,000          | 505,906          |                  |
| November     | 929609           | 640,522          | 690,847          | 628,416          |                  |
| December     | 616700           | 998,977          | 338,980          | 587,263          |                  |
| <b>Total</b> | <b>8,210,352</b> | <b>7,573,783</b> | <b>6,526,179</b> | <b>5,656,539</b> | <b>3,781,666</b> |



Fun Fact – At the time of commissioning WMU’s DeWind 8.2 wind turbines, they were one of the largest-sized wind turbines in the United States!