2018 GreenStep Cities Step 4&5 Reporting - Metric Highlights

***Summary***

* City buildings in 2018 Step 4&5 cities averaged 102.2 kBTU/SF/Year – a reduction of about 10 kBtu/SF/Year compared to the 2017 average.
* Daily business gallons of water used per job for 2018 Step 4&5 cities averaged 431.5 gallons – a 5-gallon reduction compared to the 2017 average.
* 2018 Step 4&5 cities reported a collective total of 350 municipal and private renewable energy generation sites – an increase of 160 sites compared to the previous year.
* The average percent of total city energy use that is met by generated and/or purchased renewable energy more than doubled between 2017 and 2018.

***Eagan***

* Eagan’s average gasoline fleet MPG increased from 7.6 MPG in 2017 to 8.1 MPG in 2018.
* Eagan’s annual VMT by diesel fleet decreased from 196,328 in 2017 to 174,375 in 2018.
* Eagan increased its percentage of LED street lights from 0% in 2017 to 1.5% in 2018.
* Eagan reported a 2% decrease in commuters using a single occupancy vehicle between 2017 and 2018.
* Eagan reported 4 additional municipal & private renewable energy generation sites in 2018, increasing their generation capacity to 1,024 kW.

***Eden Prairie***

* Eden Prairie increased the percentage of LED streetlights from 84% in 2017 to 98% in 2018.
* Eden Prairie added 3 private green certified public buildings between 2017 and 2018.
* Eden Prairie reduced the annual miles driven for gasoline fleet by 23,437 miles and reduced the annual VMT for the diesel fleet by 43,498 miles between 2017 and 2018.
* Eden Prairie reduced the daily business gallons of water used per job from 26.5 in 2017 to 23.5 in 2018.

***Elk River***

* Elk River decreased the energy use intensity in its city buildings to 81.99 kBTU/SF/Year in 2018; this is down from 105.12 kBTU/SF/Year in 2017.
* Elk River decreased the amount spent on energy in city buildings by $0.41/SF/Year from 2017-2018.
* Elk River decreased the annual VMT by the diesel fleet from 42,059 in 2017 to 34,856 in 2018.
* Elk River reported purchasing its first EV for the city fleet in 2018 and added 2 Electric Vehicle charging stations, bringing its total number of EV charging stations up to 7.
* Elk River commuters reduced VMT per person per day by approximately 2 miles between 2017-2018.
* Elk River added 6 private and/or municipal renewable energy generation sites between 2017 and 2018, bringing the total up to 7.
* Elk River’s percentage of total city energy use that is comprised of generated & purchased renewable energy increased from 14% in 2017 to 17% in 2018.

***Falcon Heights***

* Falcon Heights increased annual production at city-owned renewable energy generation sites from 11 MWh/year in 2017 to 30 MWh/year in 2018.
* Falcon Heights reduced the amount spent on energy in city buildings from $1.06/SF/Year in 2017 to $1.05/SF/Year in 2018.
* Falcon Heights remains a pedestrian and bike-friendly city with an Average Walk Score of 60 and 100% of housing located within ½ mile of a bike route. Only 57% of commuters reported using a single occupancy vehicle, while 11% use carpool/rideshare options, 17% use transit, 10% walk or bike, and 5% work from home/telecommute.

***Hutchinson***

* Hutchinson reported a 1.8% increase in LED street lights between 2017 and 2018.
* Hutchinson added one city-owned, green-certified building between 2017-2018.
* The number of Hutchinson telecommuters/people who work from home jumped from 1.1% in 2017 to 2.5% in 2018.
* Hutchinson added 2 municipal and/or private renewable energy generation sites between 2017-2018.
* The percentage of total city energy use that is comprised of generated and purchased renewable energy increased from 4.74% in 2017 to 5.05% in 2018.

***Maplewood***

* Maplewood’s EUI for city buildings fell from 128.79 kBTU/SF/Year in 2017 to 110.35 kBTU/SF/Year in 2018.
* Maplewood spent $1.30/SF/Year on city building energy costs in 2017 but reduced that amount by more than half for the 2018 reporting year, spending only $0.64/SF/Year.
* Maplewood added LED streetlights in the 2018 reporting period, raising the percentage from 0% in 2017 to 76% in 2018.
* Maplewood reduced both the annual miles driven for the gasoline fleet (reduced by 2,728 miles) and the annual VMT for the diesel fleet (reduced by 7,566 miles) between 2017-2018.
* Maplewood added 12 e85 fueling pumps in the 2018 reporting year.
* Maplewood’s residents produced 0.13 lbs less MSW per person, per day in 2018 than in 2017.
* Maplewood added 2 municipal and/or private renewable energy production sites in the 2018 reporting year.
* The number of private entities in Maplewood participating in renewable energy purchasing/green power programs increased from 466 in 2017 to 527 in 2018.

***Oakdale***

* Oakdale’s EUI for city buildings fell from 96.2 kBTU/SF/Year in 2017 to 93.5 kBTU/SF/Year in 2018.
* Oakdale added 6 private green certified public buildings in the 2018 reporting year, and one private entity is now participating in renewable energy purchasing/green power programs.
* Oakdale added 5 municipal and/or private renewable energy generation sites in the 2018 reporting year, bringing their total up to 15. This increased the generation capacity of city-owned and/or private renewable energy sites from 235.1 kW in 2017 to 299.1 kW in 2018.
* The percentage of commuters who walk or bike increased from 0.9% in 2017 to 1.5% in 2018.

***Red Wing***

* Red Wing’s EUI for city buildings fell from 64.9 kBTU/SF/Year in 2017 to 48.7 kBTU/SF/Year in 2018.
* Red Wing spent $0.71/SF/Year on energy in city buildings in 2018 – $0.35 less than in 2017.
* Red Wing added LED street lights, increasing the percentage from 75% in 2017 to 95% in 2018.
* Red Wing reported 3 new EV charging stations in 2018, bringing their total up to 4 stations.
* The daily business gallons of water used per job in Red Wing dropped from 43 gallons in 2017 to 36 gallons in 2018.
* Red Wing added 4 municipal and/or private renewable energy generation sites between 2017 and 2018, bringing the total up to 22 and resulting in a 94 kW increase in the generation capacity of city-owned and/or private renewable energy sites.
* 518 private entities in Red Wing participated in renewable energy purchasing/green power programs in 2018, up from 253 entities in 2017.
* The percentage of total city energy use that consists of generated and/or purchased renewable energy rose from 0.25% in 2017 to 5.0% in 2018.

***St. Anthony***

* St. Anthony installed new LED streetlights; 25% of St. Anthony’s street lights are now LED.
* From 2017-2018, St. Anthony’s Average Walk Score increased by 2.08, the percentage of commuters using SOV’s is down by 0.5%, ride sharing/carpooling is up by 0.4%, and walking/biking is up 0.3%.
* The daily business gallons of water used per job is down to 39.3% in 2018 (from 51.8% in 2017).
* The number of municipal and/or private renewable energy generation sites in St. Anthony has increased from 5 in 2017 to 9 in 2018, bringing the generation capacity of city-owned and/or private renewable energy sites from 66 kW in 2017 up to 100 kW in 2018.

***St. Paul***

* St. Paul installed LED street lights, bringing its 2018 total to 22% LED street lights.
* St. Paul added 3 private green certified public buildings, bringing the 2018 total up to 65.
* St. Paul’s average MPG for gasoline fleet has increased from 13.8 in 2017 to 14.8 in 2018.
* St. Paul added 3 e85 fueling pumps, bringing the 2018 total up to 16.
* In 2018, the daily residential gallons of water used per person decreased by 0.5 gallons, and the daily business gallons of water used per job decreased by 1 gallon.
* In 2018, St. Paul reported being home to 192 municipal and/or private renewable energy generation sites (up from 135 in 2017) which offer 1,646 kW generation capacity (up from 752 KW in 2017).
* In St. Paul, 6,773 private entities participate in renewable energy purchasing/green power programs – up 890 from 2017.

***Isanti***

* 36% of Isanti’s street lights are LED.
* Isanti spends $0.93/SF/Year on energy costs for city buildings.
* Isanti’s EUI for city buildings is 65.4 kBTU/SF/Year.
* Isanti reported an average MPG for gasoline fleet of 11 and an average MPG for diesel fleet of 4 in 2018.
* 100% of Isanti’s housing is within ½ mile of a bike route.
* 2018 reporting indicated that 10.5% of Isanti commuters use carpool/ride sharing options and 2.7% work from home/telecommute.
* 93% of Isanti’s housing is located within ½ mile of parkland, according to 2018 reporting.

***Shoreview***

* 35% of Shoreview’s streetlights are LED.
* 100% of Shoreview’s housing is within ½ mile of a bike route, and 95% is located within ½ mile of parkland, according to 2018 reporting.
* Affordable housing units comprised 5% of Shoreview’s new housing in 2018.
* 2018 reporting indicated that 55% of Shoreview commuters use carpool/ride sharing options and 6.5% work from home/telecommute.
* 38% of Shoreview had tree canopy coverage as reported in 2018.
* In 2018, Shoreview reported 22 municipal and/or private renewable energy generation sites that generate 181 kW of capacity of city-owned and/or private renewable energy.
* In 2018, Shoreview reported purchasing 2,581 MWh/Year of renewable energy, amounting to 100% of total city energy use consisting of generated and/or purchased renewable energy.
* 1,010 private entities in Shoreview participate in renewable energy purchasing/green power programs.

***White Bear Lake***

* 15% of White Bear Lake’s street lights are LED.
* White Bear Lake reported 6 EV charging stations in 2018.
* 2018 reporting indicated that 6.7% of White Bear Lake commuters use carpool/ride sharing options and 3.9% work from home/telecommute.
* 100% of White Bear Lake’s housing is located within ½ mile of parkland, according to 2018 reporting.
* According to 2018 reporting, White Bear Lake has 18 municipal and/or private renewable energy generation sites that generate 94 kW of capacity of city-owned and/or private renewable energy.
* 384 private entities in White Bear Lake participate in renewable energy purchasing/green power programs.

***Rochester***

* 17% of White Bear Lake’s street lights are LED.
* Rochester’s EUI for city buildings is 50.7 kBTU/SF/Year.
* Rochester reported 4 city-owned green certified buildings and 18 private green-certified public buildings in 2018.
* Rochester reported 9 EV charging stations and 15 e85 fueling pumps in 2018.

***Edina***

* 51% of White Bear Lake’s street lights are LED.
* Edina reported 2 city-owned green certified buildings and 31 private green-certified public buildings in 2018.
* Edina reported an average MPG for gasoline fleet of 12.9 and an average MPG for diesel fleet of 3.7 in 2018.
* 99% of Edina’s housing is located within ½ mile of parkland, according to 2018 reporting.
* According to 2018 reporting, Edina has 36 municipal and/or private renewable energy generation sites that generate 377 kW of capacity of city-owned and/or private renewable energy.
* 1,013 private entities in Edina participate in renewable energy purchasing/green power programs.
* 67% of total city energy use in Edina consists of generated and purchased renewable energy.