**2022 Category A City: HUTCHINSON**

Currently a Step 5 GreenStep City

(joined April 2015)

***Assessor and date****: Kristin Mroz, 6/11/21*

**22**

***Total BPs implemented:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Best practices (**required in bold**)  Action rules (req. actions in **bold**) | | BP implemented? | | Action summary by # and star level achieved |
| **YES**  **BUILDINGS: distribution requirement is 2 BPs ; are 2 BPs done?** | | | | |
| **1. Public**  **Actions 1 & 2; & one action from actions 3-7** | **YES** | | 1.1 @ 3 STARS – EPC; some double digit reductions in gas & electrical since 2006 baseline was established. 2014 data: city-wide reduction in kWh used equated to 20.5% reduction cf baseline  1.2 @ 3 STARS -- lighting project under EPC saving $60,000+ annually since 2011  1.3 @ 3 STARS -- full scale assessment of all City owned buildings; savings resulted in almost $1,000,000 in savings since 2009  1.5 @ 3 STARS – small business incubator (Enterprise Center) built to SB 2030 in 2018.  1.6 @ 2 STARS – on-going work to upload all city-owned buildings to the SB 2030 Energy Efficient Operations Manual; have found unnecessary heating/cooling & corrected this | |
| 2. Private  any two actions |  | |  | |
| 3. New  action 1 or 2; one from 3-5 |  | |  | |
| 4. Lighting/Signals  2 actions with one from 5-8 | **YES** | | 4.2 @ 2 STARS  4.5 @ 3 STARS -- 2017: 3rd yr. of retrofitting City-owned street lighting (56 to-date) during reconstruction projects to LED from HPS  4.6 @ 3 STARS -- continued implementation of full cut-off LED wall packs at all City facilities  4.8 @ 3 STARS -- City does not own traffic signals but all signals in Hutchinson use LED lights | |
| 5. Reuse  any one action | **YES** | | 5.3 @ 2 STARS – repurposed large-format retail building into event/senior center 2002; railroad depot into small event center and farmers market 2012  **YES** | |
| **LAND USE: 2 BPs required; are 2 BPs done?** | | | | |
| **6. Comp Plan**  **Actions 1 & 2** | **YES** | | 6.1 @ 1 STAR -- 2013  6.2 @ 3 STARS -- Plan referenced 100+ times in Code  6.3 @ 1 STAR -- townships & Co. engaged in Joint Planning Board, in reviewing the Drinking Water SMA & implementation; City staff works with MnDNR, MnDOT, local Highway Coalitions, state trail systems | |
| 7. Density  any one action | **YES** | | 7.3 @ 2 STARS | |
| 8. Mixed Uses  any two actions |  | |  | |
| 9. Highway Development  any one action | **YES** | | 9.1 @ 1 STAR -- Imagine Hutchinson, Transportation Plans developed with ext. public process to guide future growth, redevelopment, and utilization of prime corridors | |
| 10. Conservation Development  any one action | **YES** | | 10.7 @ 1 STAR – Dam to spillway with fish passage in 2008 | |
| **TRANSPORTATION: 2 BPs required; are 2 BPs done?**  **YES** | | | | |
| **11. Complete Green Streets**  **1; & two additional actions** | **YES** | | 11.1 @ 2 STARS – nicely written 2015 CS policy!  11.3 @ 2 STARS – 2014 full reconstruction of Jefferson St SE: . narrowing; replacing sidewalk with a 10ft wide paved, bicycle-friendly trail connecting to 2 other trails; adding stormwater pond; trees  11.4 @ 1 STAR – sidewalk gap completed to form loop through majority of city  11.5 @ 3 STARS – series of paved trails, bike lanes, and bike friendly streets that create a commutable bike-friendly grid to access most areas of the City  11.6 @ 2 STARS – Roundabout added to high traffic areas; Main St. road diet | |
| **12. Mobility Options**  **any two actions** | **YES** | | 12.1 @ 3 STARS -- Bronze Bicycle Friendly Community in 2014; thanks for posting the scoring and feedback sheet  12.3 @ 2 STARS -- Sidewalks, Trails & Walkways web page with excellent maps; web link to Trailblazer Transit (dial-a-ride bus)  12.6 @ 1 STAR – dial-a-ride services across 3 counties available since 2015 | |
| 13. Fleets any 2 actions | **YES** | | 13.1 @ 2 STARS – annual inventory and inspection; new replacement vehicles improved MPG; carpools and video conferencing encouraged  13.3 @ 1 STAR – no-idling policy 2021 | |
| 14. TOD / TDM any 2 actions |  | |  | |
| **YES**  **ENVIRONMENTAL MANAGEMENT: 4 BPs required; are 4 done?** | | | | |
| **15. Purchasing**  **1; and one additional action** | **YES** | | 15.1 @ 2 STARS – 2016 policy: “purchasing that reflects the City’s Global Ends Statement, as well as its commitment to sustainability”  15.5 @ 2 STARS -- on all road reconstruction projects, 100% of asphalt is either reused in the project, or recycled; 100% of concrete from reconstruction projects is recycled at the Creekside facility, and is used as bitcon and crushed concrete.  15.7 @ 1 STAR – inspections on tablets; electronic CC packets in 2015 | |
| **16. Trees**  **any two actions** | **YES** | | 16.1 @ 3 STARS -- Tree City USA for 36 consecutive years, beginning in 1979, 2nd longest consecutive award winner in Minnesota! City forestry serves boulevard & private trees; partners with the local utility to promote energy conservation through proper tree species selection and placement guidance. In 2015, the forestry program budget was $159,490, averaging approximately $11.5/resident.  16.3 @ 1 STAR – Tree City USA 40+ years; DNR grant for EAB; 275 tree replacements in 2021/22; iTree profile  16.4 @ 3 STARS -- $710,000/yr. total benefit of Hutchinson's public street trees  16.6 @ 3 STARS – doing Forestry Diversification Project until the desired ash population has been reached. | |
| **17. Stormwater**  **any one action** | **YES** | | 17.4 @ 2 STARS -- stormwater ordinance: can request lower rates for improved pervious land or other stormwater mitigatiion  17.5 @ 1 STAR – with Hutchinson Waters, City gave ~500 rain barrels to community members. | |
| 18. Parks & Trails  any three actions | **YES** | | 18.1 @ 3 STARS -- with DNR, paved section of the Luce Line trail passing through the City, connects to Silver Lake and Winsted  18.3 @ 3 STARS -- 26 acres of parks/open spaces per 1,000 residents 100% of residents live within a half mile of a City park or protected blue space.  18.5 @ 1 STAR -- planted over 30 acres of native prairie on City land  18.7 @ 1 STAR – in 2014 an old train depot building was refinished as part of a brownfield redevelopment, that included adding a rain garden | |
| 19. Surface Water  if state public water: 4; and one additional action  if no state water: any one action | **YES** | | 19.1 @ 3 STARS – WW staff monitor 3 surface water sites and reported w/ MPCA  19.2 @ 2 STARS – City supports business/citizen Lake/River Association known as Hutchinson Waters  19.4 @ 3 STARS -- council informed of formal staff  Shoreland Ordinance Mitigation Process (measures) | |
| 20. Water / Wastewater  1 & 2; and one additional | **YES** | | really excellent water page at <http://www.ci.hutchinson.mn.us/departmentsfacilities/public-works/water/>  20.1 @ 2 STARS -- gas/electric data since 2006; self-self benchmarking most useful  20.2 @ 3 STARS -- used ESCO, $60k annual savings; VFD's, in-line monitoring synced with controls, SCADA controls; electric demand reduced by 28% cf. 2006  20.3 @ 3 STARS – since 2001 800+ sump pump/perimeter tile disconnects; televising of sanitary sewer & repairs  20.6 @ 1 STAR | |
| 21. Septics any 1 action | **YES** | | 21.3 @ 1 STAR – McLeod County RME for septics in city | |
| 22. Solid Waste  1 or 2; & one from 4-8 | **NO** | | 22.5 @ 3 STARS -- 2,000 tons of source separated organics and yard-waste diverted (90% resident participation) from landfills and processed by a local business & sold as soils & mulch products each year since 2001  22.7 @ 1 STAR – volume rates w/ hauler; compost site for organics | |
| 23. Local Air Quality  any two actions | **YES** | | 23.3 @ 3 STARS – 2 city ice resurfacers now electric-operated; HRA multi-family bldg. smoke-free, as are most of the multi-family housing units located around the City.  23.5 @ 1 STAR – EV charging station in public park on Main St. 2020. | |
| **YES**  **ECON & COMM DVLP: 3 BPs required; are 3 done?** | | | | |
| **24. Benchmarks & Involvement**  **Actions 1 & 2** | **YES** | | 24.1 @ 2 STARS -- GS page on city website highlights city accomplishments in sustainability; annual plan to present progress on GS action to City Council along with current energy reductions report  24.2 @ 1 STAR -- outcomes & goals for the City’s environmental progress are presented to the City Council by various departments annually; GS web page of accomplishments | |
| **25. Green Businesses**  **any two actions** | **YES** | | 25.2 @ 2 STARS -- 2015 ENERGY STAR Challenge community partner to educate local building owner and operators; 6 doing benchmarking  25.5 @ 3 STARS -- 2015 400 kilowatt solar array on redeveloped landfill feeds directly into the City’s wastewater treatment facility; also on LF is a police and fire training facility. 2nd brownfield hosts farmer’s market (restored/relocated train depot), trailhead, restrooms, raingarden & received recognition as a finalist in Minnesota Brownfields’ annual ReScape Awards in the category of Small City Impact Award. | |
| 26. Renewable Energy  any two actions | **NO** | | 26.5 @ 3 STARS – 2015 400 kW solar array on a municipally owned brownfield hooked into the City’s wastewater treatment facility | |
| 27. Local Food  any one action | **YES** | | 27.3 @ 2 STARS – city partners with Hutchinson Downtown Association to host a twice-weekly seasonal farmer’s market & beginning 2015,once/month winter market at a brownfield redevelopment project: new pavilion and renovated old train depot | |
| 28. Business Synergies 2,3 or 4 |  | |  | |
| **29. Climate Adaptation**  **action 1** | **YES** | | 29.1 @ 1 STAR  29.4 @ 1 STAR -- 2016 educational event to promote resilience to the changing climate/energy landscape for multi-family and commercial buildings through free benchmarking assistance  29.5 @ 1 STAR – 2016: Completed a multi-year project of burying all power lines; realizing significant savings in maintenance costs | |

**HUTCHINSON** – notable actions

* **Bicycle Friendly Community** recognition at the Bronze level in 2014
* **City’s Global Ends Statement** and commitment to sustainability recognized in its 2016 purchasing policy
* **On all road reconstruction projects**, 100% of asphalt is either reused in the project, or recycled; 100% of concrete from reconstruction projects is recycled and reused
* **Public street tress calculated to produce $710,000/yr. in benefits**; Tree City USA for 36 consecutive years, beginning in 1979, 2nd longest consecutive award winner in Minnesota; City Forestry serves boulevard & private trees, partners with the local utility to promote energy conservation through proper tree species selection and placement guidance; 2015 program budget was $11.50/resident
* **Multi-year project of burying all power lines results in significant savings** in maintenance costs realized in 2016
* **Depot Marketplace - finalist in Minnesota Brownfields’** annual ReScape Awards in the category of Small City Impact Award
* **A model state program since 2001: 90% resident participation results in landfill diversion** of 2,000 tons per year of source separated organics and yard-waste, which is processed by a local business and sold as soil and mulch products
* **Largest PV array on an old landfill to date in Minnesota** (2015) to help power the adjacent wastewater treatment plant
* **20% reduction in gas/electric** use in city buildings, 2006-2014
* **$60,000/yr. savings** through lighting project in city buildings since 2011
* **$1,000,000 savings since 2009** through all city building energy reduction projects
* **Shoreland ordinance** includes a menu of mitigation measures