

2017 St. Louis Green Business Challenge Champions Scorecard

Company Name: **Ameren Corporation**

Address of Site Location: 1901 Chouteau Avenue, St. Louis, MO 63013

Number of Employees at Site Location: 1,800

Square Feet of Office Space at Site Location: 800,000

Primary Green Business Challenge Contact (Name, Title, Email below):

Diane Saftic, Supervising Engineer, dsaftic@ameren.com

Secondary Green Business Challenge Contact (Name, Title, Email below):

Ronald Hall, Senior Facilities Specialist, Building Services, Rhall3@ameren.com

Owner* or Tenant:

* Owner Designation: the business can adjust their workspace and property without property manager engagement.

Scorecard Due November 1

Category	Final Score
High Performance (Prerequisite)	50
Biodiversity (Prerequisite)	113
Champions Scorecard	90
Employee Engagement Mini Challenge	86
Alternative Transportation Mini Challenge	27
Strive for 75 Mini Challenge	10
Innovations + Case Study (25 points max)	25
Final Score	401

Subject to review by Challenge staff, BONUS POINTS are available for:

Case Study for 2017 Accomplishments and Innovations Booklet - 10 points

Innovations - Submit claims as attachment to final scorecard - 15 possible points

1 point = Exemplary internal measure in pilot phase

2 points = Fully implemented exemplary measure having internal (within company) impact

3 points = Fully implemented exemplary measure across the company with conservation and education ramifications beyond company operations

Innovation point claims may be for exemplary performance in a scorecard measure or for sustainability efforts unique to your business.



Visit www.stlouisgreenchallenge.com for scorecard resources

2016 St. Louis Green Business Challenge Champions Scorecard

ACTION	Points Available	Points Earned by Nov. 1
Advancing the Challenge	60	10
1. Recruit new Challenge participants (10 points per new company up to 4 recruits)	40	
2. Promote participation in the St. Louis Green Business Challenge to your clients through stories in external media: newsletter, website, news stories (5 pts). Share copies w/ Challenge staff (5 pts)	10	10
3. Serve as a mentor to another Challenge participant. Challenge staff establishes mentoring relationships.	10	
Advancing Community Sustainability	30	30
4. Share business- related greening strategies by powerpoints, documents, case study, or presentations about:		
4a. Share how your company increased sustainable practices of suppliers and vendors	10	10
4b. Share an innovative employee education program about sustainability in the workplace	10	10
4c. Share an innovative employee education program about sustainability at home	10	10
Advancing Your Company's Performance	155	50
5. Complete a Greenhouse Gas Inventory (GGI) of direct energy consumption, fleet usage+ employee commuting and travel. (10 pts)	10	10
5a. Submit brief description of GGI tool used, evaluation/recommendation of ease of use.	5	5
6. Pledge to reduce Greenhouse Gas Emmissions by 25% by 2020	5	
7. Display St. Louis Clean Air Partnership Alert Day Signs during Ozone Season and communicate alerts to all employees. Strategy: designate Clean Air Coordinator; register contact w/Challenge staff.	10	
8. Implement and share one Greenhouse Gas Reduction Strategy	10	10
9. Conduct a Commuting Survey with employees Strategy: use or modify survey provided by Challenge staff.	10	
10. Increase by 10% the number of employees who commute to work by carpool, transit, walk, or bicycle.	10	
11. Participate in Project Clear with MSD or independantly reduce stormwater runoff from property through native plantings, rain gardens or pervious pavement	10	
12. Achieve 25% reduction in waste over the year (5pts); 26-50% (10 pts); 51-75% (15 pts); 75+ (20 pts)	20	
13. Share utility energy efficiency incentives information with employees (e.g. Ameren Missouri BizSavers, Ameren Illinois, Laclede Gas, Set the PACE St. Louis, etc.)	5	5
14. Reduce energy bill costs by 10% from last year (elec+nat. gas) (10 pts); by 11% to 25% (15 pts); 26% to 50% (20 pts); 51+ (30 pts)	30	
15. Share energy reduction strategies by powerpoints, documents, case study, etc.	10	10
16. Reduce Heat Island effect by updating to white roof or green roof	10	10
17. Increase by 5% the amount of renewable energy used or offset energy use by 5% through purchased credits.	10	
Total Available Points	245	90

High Performance Building Initiative - 2017 Scorecard

Category	HIGH PERFORMANCE BUILDING INITIATIVE ACTIVITY	Points Available	Points Achieved by November 1
ENERGY STAR 1.1	View webinar from ENERGY STAR web library. <i>Resources available at www.energystar.gov/buildings/training</i>	5	5
ENERGY STAR 1.2	Enroll your company's building in the 25x20 Benchmarking Pledge of the St. Louis High Performance Building Initiative. Enroll at www.25x20.org	5	
ENERGY STAR 1.3	Benchmark your building in Portfolio Manager or get your building owner to benchmark	20	20
ENERGY STAR 1.4	Submit your annual benchmarking data to the STL HPBI 25 x 20 Campaign via ENERGY STAR Portfolio Manager to help measure the region's energy reduction progress. Submit to www.25x20.org	30	
ENERGY STAR 1.5	Take advantage of energy efficiency incentives offered by Ameren BizSavers or Laclede Gas Company	10	0
ENERGY STAR 1.6	Enter your building in the U.S. EPA National Building Competition Bootcamp 2017	10	
ENERGY STAR 1.7	Earn ENERGY STAR Label for 2017: Benchmark score 75-85 (15pts); 86-95 (25 pts); 96-100 (30 pts)	30	
Total ENERGY STAR Points		110	25
LEED 1.1	Attend USGBC - Missouri Gateway Chapter LEED program (e.g on ASHRAE 90.1, LEED v4 and/or the LEED v4 Lunch n' LEED series). <i>Visit www.usgbc-mogateway.org for schedule.</i>	5	5
LEED 1.2	Register project/building for LEED Certification: LEED-EBOM, LEED-CI, LEED-NC, LEED-CS, or LEED-ND	10	
LEED 1.3	Complete charrette/point analysis of possible LEED project. <i>Obtain LEED checklist(s) from Challenge staff.</i>	10	
LEED 1.4	Achieve LEED Certification in 2017: Certification (20 pts), Silver (30 pts), Gold (40 pts), Platinum (50 pts)	50	
Total LEED Points		75	5
Sustainable SITES 1.1	View/read overview presentation on Sustainable SITES (http://www.sustainablesites.org/resources)	5	5
Sustainable SITES 1.2	Complete draft charrette/point analysis from Sustainable SITES - version 2. <i>Obtain SITES checklist from Challenge staff.</i>	10	
Total Sustainable SITES Points		15	5
Mentoring 1.2	Share company success story on your high performing workspace or building to be posted on STL HPBI 25x 20 campaign website	20	
Mentoring 1.3	Assist another company, non-profit organization, or religious institution with benchmarking their building or provide mentoring to assist in energy efficiency strategies.	15	15
Note on Mentoring Rules: Mentors should only provide advice on the ENERGY STAR, LEED or SITES processes and applications and not provide the same level of time and resources that a professional engineer/consulting would provide. Please provide documentation on number of meeting/contacts and topics.			
Total Mentoring Points		35	15
Total HIGH PERFORMANCE Points		235	50

BETTER BUSINESS THROUGH BIODIVERSITY - 2017

1 1. Educate Company Personnel About Biodiversity Importance & Potentials				
Awareness Purpose: <i>Explorations of Biodiversity are new in our region, but learning opportunities are sprouting up from many organizations. Local to international resources increasingly document the business case for Biodiversity engagement. Individuals' at-home practices offer valuable peer-to-peer learning options.</i>				
	Activity	Options	Points Available	Points Earned by Nov. 1
1.1	Attend Biodiversity seminar or training, report back to your Green Team (1pt per event attended, up to 5).	Challenge-sponsored seminar or field trip; presentations hosted by MOBOT, Shaw Nature Reserve, MO Dept of Conservation, USGBC, other sources. For resources see www.BiodiverseCitySTL.org	5	5
1.2	Host a Biodiversity organization's presentation at your company.	Speakers available from Missouri Botanical Garden, St. Louis Audubon, Grow Native! etc.	5	5
1.3	Host an internal Biodiversity presentation and discussion.	Learn from fellow employees' experience with Biodiversity practices.	5	
1. Biodiversity Education Total Points			15	10
2 2. Analyze Company Landholdings and/or Adjacent Property Features				
Awareness Purpose: <i>Mapping tools build awareness and help with data generation.</i>				
	Activity	Options	Points Available	Points Earned by Nov. 1
2.1	Generate site map that includes all features of your site (hardscape and natural): building area, parking lots, sidewalk, and other pavement areas (hardscape); conventional turf, naturalized areas, water flow locations, topography (hills and valleys), nearby wildlife corridor(s).	Secure pre-existing property map; OR Hand sketch property, including location and approximate size of main features; OR Use Google Earth or online public GIS files to determine property boundaries for mapping. Wildlife corridors can be railroad, highway right-of-ways, rivers or creeks, cycling trails, etc.	5	5
2.2	Expand site map to include main features within two miles of property.		5	5
2. Analyze Property Features Total Points			10	10

3	3. Evaluate Building and Site Features			
<p>Awareness Purpose: Building features that directly impact Biodiversity include windows, lights, rooftop, parking lots, stormwater flow, etc. Critical site factors include the proportion of vegetation to hardscape; use of habitat-sustaining native plants vs. turf or exotic ornamentals; eliminating or minimizing pesticide use; and establishing and maintaining sources of food, shelter and water for beneficial wildlife. As your company increases operational sustainability, you can correlate savings achieved through utility, purchasing, waste reduction, supply chain and other green efficiencies to quantify indirect Biodiversity benefits. Sustainability measures such as GRI increasingly include Biodiversity evaluation tools.</p>				
	Activity	Options	Points Available	Points Earned by Nov. 1
	Define and estimate percentage of pervious and impervious property features. Identify light pollution factors: do exterior lights spill off-site, are interior lights generating light pollution at night? What percentage of your building envelope is reflective? Engage in evaluation of indirect impacts.	Report on direct impacts of building features on surrounding environment, such as: 1) Run-off from roof 2) Run-off from paving 3) Light pollution 4) Window reflectivity 5) What % of site is hardscaping? (2 pts each)	10	10
		Report on site factors: 1) What % of your site is vegetated with perennials, shrubs, trees? 2) What % of this vegetation is primarily native plants? 3) Evaluate any planted hardscape areas (roof, patio, parking lot islands) 4) In what ways does your site support shelter, food, water for pollinators or other wildlife? 5) Do you use pesticides or herbicides? Do you know their effects on Biodiversity? (2 pts each)	10	10
		Report on your company's indirect impacts on Biodiversity, such as building energy use, solid waste management, supply chain impacts, etc.	10	0
3. Evaluate Building and Site Features Total Points			30	20

4	4. Identify and Maximize Internal Resources			
Awareness Purpose: Evidence of company engagement and commitment regarding Biodiversity can come from many sources. Ideally your Biodiversity "better business" resources will grow both top-down and grassroots-up!				
	Activity	Options	<i>Points Available</i>	<i>Points Earned by Nov. 1</i>
4.1	Evaluate and begin to act on company capability and commitment to foster Biodiversity in concert with other sustainability practices.	Develop a company-approved policy on Biodiversity. (3 pts) Share this policy with other Challenge companies. (2 pts)	5	0
		Integrate Biodiversity focus into your company's existing sustainability action plan.	2	2
		Establish a Biodiversity subset to your Green Team and identify potential leadership.	2	2
		Survey employees and summarize findings to identify skill sets and interests related to Biodiversity. Examples: is anyone a birder, gardener, Stream Team member, beekeeper? (2 pts) Summarize and share your survey and findings (3 pts).	5	0
		Gather case studies of individual employee Biodiversity engagement to share internally. (2 pts each up to 12 pts)	12	
		Identify funding opportunities. (2 pt) Propose one for potential projects. (2 pts)	4	4
		Identify opportunities for collaboration with local community or organizations (2 pts) and collaborate with at least one. (3 pts)	5	5
4. Internal Resources Total Points			35	13

5				
5. Audit and Monitor Biodiversity Factors of Your Site				
Awareness Purpose: Conduct an informal Biodiversity site survey - OR - Obtain services to conduct a professional ecological survey. Including Biodiversity monitoring in your ongoing sustainability tracking systems will continue your initial investment in this exploration.				
	Activity	Options	Points Available	Points Earned by Nov. 1
5.1	Evaluate and report on the state of habitats and species on your site. Establish systems to efficiently monitor Biodiversity factors on an ongoing basis.	A) Conduct an informal survey of your site and surroundings and list observed plants, animals and habitats (5 pts). Share your survey form and findings (5 pts) .	10	10
		B) Conduct a formal quantitative site survey including plants, animals and habitats (10 pts). Share your survey form and findings (5 pts).	15	15
		C) Report on your site's ability to support biodiversity. 1. Identify natural food and pollinating sources for wildlife and plants 2. Identify water sources available to wildlife and plants 3. Identify places of protection for wildlife and plants 4. Identify natural or man-made spaces for wildlife and plants to reproduce	10	10
		D) Establish a system for ongoing Biodiversity monitoring and share your methodology with the Challenge.	10	
5. Audit and Monitoring Total Points			45	35
6				
6. Biodiversity Case Study				
Awareness Purpose: Stories of the why-what-how, the challenges and benefits of business sector engagement with BiodiverseCity STL engagement, will help this initiative evolve and grow!				
	Activity	Options	Points Available	Points Earned by Nov. 1
6.1	Share your process, success, issues and findings.	Generate and share a case study of your Biodiversity activities in narrative or video format.	15	15
		Post info about your site to the "Nature In Your Neighborhood" map at www.BiodiverseCitySTL.org	5	
6. Case Study Total Points			20	15

7 7. Biodiversity Action Implementation				
Awareness Purpose: Is your company ready to move from Awareness to Action? If you are already protecting and promoting Biodiversity, can you increase your efforts?				
	Activity	Options	Points Available	Points Earned by Nov. 1
7.1	Implement at least one action item to increase biodiversity on your site.	Examples: Ongoing monitoring of Biodiversity features; replacing invasive or monoculture plantings with native-based plantings; remove barriers to adjacent wildlife corridors; establish a pollinator garden or a Milkweeds for Monarchs planting, etc.	10	10
		Feature a description of this action item with narrative and photos in your Biodiversity Case Study.	5	
	7. Biodiversity Actions Total Points		15	10
	Grand Total Biodiversity Scorecard Points		170	113

EMPLOYEE ENGAGEMENT - 2017 Mini-Challenge

These activities are designed to boost general employee understanding and support of sustainability measures your company is working with in the St. Louis Green Business Challenge. They will also recognize and affirm Green activity at home!

	Action	Possible Points	Points Achieved by November 1	How did you achieve this strategy? Provide a short description.
EE1	Educational Sessions: Hold educational sessions on green practices for all company employees (2pts). Provide an example of an educational session (3pts). Establish a series (3 or more) of Lunch & Learns, or informational events, focused on green practices (10 pts)	15	15	
EE2	Educational Advancement: Does your company reimburse (partial or full) employees who take sustainability courses at local or on-line colleges and universities or additional professional training courses (e.g. SLU Center for Sustainability or Emerson Leadership Institute, University College at Washington University, sustainability courses at St. Louis Community College or Southwestern Illinois College, or professional training like LEED-GA, LEED-AP, or BOC courses (5 points))? For each employee who completes a sustainability course or professional training add in 2 points up to 10 points	15		
EE3	Sharing Employee Knowledge: Establish an intranet feature (or another internal employee communication function) for employees to share sustainability learning experiences and practices they adopt into workplace habits or their personal lives.	10	10	
EE4	Green Suggestion Box: Establish a "Green Suggestion Box" and encourage employees to contribute evaluations of company green measures, suggestions for new or improved activity, questions about green practices, etc. (10 points). Hold quarterly reviews from "green suggestions" and offer incentives and recognition for submissions to "green suggestion box". (5 points)	15	10	
EE5	Recognition: Recognize your employees sustainability accomplishments in 2017 (5pts). Provide an example of the recognition event or communication (5pts).	10	10	
EE6	Building activities: Engage with fellow tenants in building-wide sustainability activities (5pts) Share an example (5pts)	10	10	
EE7	Green Fair: Host a workplace Green Fair that invites outside vendors, suppliers and fellow building tenants. Include description of Green Fair attendance and pictures in your company's case study!	15	15	

EMPLOYEE ENGAGEMENT - 2017 Mini-Challenge

EE8	Community Engagement: Does your company financially sponsor community sustainability or environmental initiatives? (5pts) Did your company provide employee volunteers for these initiatives? (5pts) Did your company provide in-kind support for these initiatives? (5pts) Briefly describe examples of financial, volunteer, or in-kind sponsorship.	15	15	
EE9	Clean Air Partnership: Sign up a Clean Air Coordinator with the St. Louis Clean Air Partnership? (1pt) Post the Ozone Alert day signs or distribute the information to your employees? (2pts) Share examples of communicating clean air tips to employees (3pts).	5	1	
EE10	Informal Mentoring: Meet (phone or in person) with another Challenge company participant to discuss sustainability strategies (10pt). Provide documentation on this meetings (i.e. who, what, when) (5pts).	15		
	Total Available Points	125	86	

ALTERNATIVE TRANSPORTATION Mini-Challenge - 2017

	Action	Possible Points	Points Achieved by November 1
ALT-T1	Promoting Alternative Transportation: Incorporate alternative transportation resources into employee materials and/or fairs (5 pts). Promote health benefits associated with taking transit, biking, and walking to work into wellness communications or events (5 pts)	10	5
ALT-T2	Transit Subsidies: Does your company provide a transit benefit program to encourage use of public transportation? (i.e. pretax transit passes, transit subsidies, vanpooling etc.) (2 pts) Does your company specifically offer the local Guaranteed Ride Home program (find details on GHR and vanpooling at www.ridefinders.org) to support biking/walking/bus/train users? (3 pts)	5	2
ALT-T3	Commitment to Alternative Transportation: Calculate the number of employees using transit (Metrobus or Metrolink), bike, walk, car or van pool at least 3 days a week during a 3 month period. 5% of employees earns 5 points; 10% of employees earns 10 points; 15% earns 20 points. Minimum of 5 alternative transportation users.	20	
ALT-T4	Carpool Parking: Does your company provide dedicated carpool/vanpool parking spaces (contact Ridefinders for free carpool/vanpool parking signs and hangtags)?	5	5
ALT-T5	Ridefinders Registration: Establish a Ridefinders ETC (Primary point of contact) to register your business in the program (5 pts). Circulate info on registering employees for Ridefinders carpool/vanpool matching service (5 pts)	10	5
ALT-T6	Carpool Formation: Register new carpools into the RideFinders program: Register at www.ridefinders.org (5 pts each up to 6 new carpools)	30	
ALT-T7	Vanpool Formation: Form a new RideFinders Vanpool with a minimum of 5 participants and a maximum of 15 participants. 10 Points will be awarded for each vanpool formed up to 5 Vanpools. (Vanpools must continue for a minimum of 6 months).	50	
ALT-T8	Car Sharing: Does your company offer car-sharing service like Enterprise CarShare or other fleet sharing programs (internal or external)?	5	5
ALT-T9	Cash-Out Parking: If your company offers free parking to employees, do they assign a dollar value to parking spots? If so, are employees offered the option of applying this cash value toward alternative transportation commuting?	5	
ALT-T10	Bike to Work Day: Promote Bike-to-Work Day 2017 to your employees (5pts). If more than 5 employee participated in Bike-Work Day add 5 points.	10	5
ALT-T11	Shift Your Commute: Form a Shift Your Commute team by registering with Trailnet (5 pts). If more than 5 employees, shifted their commute for more than 2 days, add 5 points. Info at: http://trailnet.org/files/2017/04/StravaHowTo.pdf	10	
TOTAL Points Earned		160	27

STRIVE FOR 75 - Presented in Partnership with Missouri Recycling Association

St. Louis Green Business Challenge Mini-Challenge - 2017

	Action	Possible Points	Earned Points by November 1
S75-Q1	Strive for 75 Pledge: Register your company at www.mora.org by taking the Strive for 75 Pledge	5	
S75-Q2	Informal Waste Stream Audit: Conduct an informal waste stream audit to estimate the amount of waste/trash generated at your site and establish a baseline for measuring waste diversion through recycling. Waste assessment guidelines provided by St. Louis County Department of Health are available from Challenge staff.	10	
S75-Q3	Full-Scale Waste Stream Audit: Conduct or commission a service provider to do an audit involving actual sorting and measuring of waste. This will involve saving trash and recycling for at least a week, and evaluating the makeup of your company's waste stream by weight or volume.	15	
S75-Q3	Waste Diversion Tracking Methodology: Develop and use a methodology to track your company's waste output and waste diversion during a self-defined timeframe within the 2017 Challenge (1 month minimum, up to 7 months) (10 pts). Share your methodology to help others replicate your efforts (5 pts).	15	
S75-Q4	Recycled-Content Copier Paper Purchasing Policy: Establish and share a company policy that institutionalizes purchasing of minimum 30% post-consumer recycled content copier paper (5 pts). Earn 10 pts if policy specifies higher recycled content percentage.	15	
S75-Q5	Recycled-Content Janitorial Paper Purchasing Policy: Establish and share a company policy that institutionalizes purchasing of minimum 30% post-consumer content toilet tissue and paper towels (5 pts). Earn 10 pts if policy specifies 100% post-consumer recycled content products.	15	
S75-Q6	Strive for 75 Case Study: Develop and submit a brief Case Study describing your company's innovations in waste minimization – <i>including measurable results</i> – for publication by the Missouri Recycling Association. Submit to www.mora.org and include with your 2017 Challenge final submittals.	10	10
	Total Available Points	85	10

2017 Innovations

Item No	Description
1	Ameren Missouri is executing a forward-thinking plan to dramatically increase the amount of wind and solar generation to provide cost-effective and sustainable energy for our customers. Further, we are establishing a goal of reducing our carbon emissions 80 percent by 2050.
2	Ameren announced seven companies have been selected to participate in the Ameren Accelerator, an innovative public-private partnership with the University of Missouri System, UMSL Accelerate and Capital Innovators, that assesses, mentors and invests in energy technology startup companies. More than 200 companies from 31 countries and 23 states applied for the program.
3	A unique partnership between Ameren Missouri and the Saint Louis Zoo allows animals to enjoy a nutritious diet while ensuring greater reliability for Ameren Missouri customers. Tree clippings from some of the more than 4,000 miles of power lines trimmed each year are sent to the Zoo to support healthier animals.
4	Ameren Missouri is currently managing the largest, most comprehensive energy efficiency program in Missouri's history. The plan represents a carbon-emissions reduction equivalent to taking 115,000 cars off the street. These programs give residents and businesses tools to save money and help make costs more predictable.
5	In April, we published the 2017 Corporate Social Responsibility Report located at AmerenCSR.com . The voluntary report details Ameren's commitment to energy sustainability and the company's responsibilities to its many stakeholders. The report addresses a range of topics, including environmental performance, community betterment and financial strength.