

Survey on Energy and Water Efficiency of Stadiums and Arenas

The Green Sports Alliance (Alliance), U.S. Environmental Protection Agency's (EPA) ENERGY STAR® program, the U.S. Department of Energy (DOE) and the National Institute of Building Sciences (Institute) are working together to better understand the characteristics of stadiums and arenas and their energy and water impacts. As part of that effort, the Institute has prepared the following survey with extensive industry feedback and specific guidance from EPA's ENERGY STAR® Program. The findings from this survey will help identify opportunities to reduce energy and water use, save money, and potentially develop an ENERGY STAR® score and certification for stadiums and arenas.

Thank you in advance for completing this survey. If you own or operate multiple facilities, please complete a separate survey for each facility. The information you provide should reflect facility characteristics and use in calendar year 2015.

Results will be reported in the aggregate, so individual responses will be confidential. Respondents are asked to complete the survey by December 23, 2016. A summary of findings will be provided in late 2016 or early 2017. Potential ENERGY STAR® scores created by this survey would be available no earlier than 2018.

In order to answer this survey completely, you may need to have information that is not readily available. Please review the survey questions at http://www.nibs.org/resource/resmgr/projects/Energy_Water_Survey.pdf to assure you have the necessary information before beginning. Additionally, you will need to submit energy and water data, which will be necessary to help develop an ENERGY STAR® score for stadiums and arenas. Please click on the link (http://www.nibs.org/resource/resmgr/projects/Energy_Water_Report_Instruct.pdf) to review instructions and options for uploading your energy and water data. Upon submitting your responses, you will have the opportunity to return to the survey questions to update or clarify your answers by a link provided.

The first 25 valid submissions will be entered into a raffle for a 1-year complimentary Green Sports Alliance standard membership (valued at \$500) or a discount of \$500 if already a premier member.

If you have questions on the survey, please contact Ryan Colker at the National Institute of Building Sciences (rcolker@nibs.org, 202-289-7800x133).

* Required

Part 1: General Characteristics

1.

1. What type of events does the facility you own/operate host? **Check all that apply.*

- Auto Racing
- Baseball
- Basketball
- Football
- Hockey
- Soccer
- Cultural Events (concerts, circus, etc.)
- Other:

2.

2. Who is the primary or majority user? **Mark only one oval.*

- Collegiate
- Professional
- Other:

3.

3. Characterize the facility: **Mark only one oval.*

- Indoor Arena
- Open Stadium
- Enclosed Stadium
- Retractable Roof Stadium
- Other:

4.

4. Does the facility have turf? **Mark only one oval.*

- Yes, Grass Turf
- Yes, Artificial Turf
- No Turf

5.

5. What is the permanent seating capacity of the facility? *

Permanent seating should be based on the primary or majority use indicated above and should not include seating added to accommodate concerts or other occasional events.

Mark only one oval.

- Less than or equal to 5,000
- 5,001 to 10,000
- 10,001 to 15,000
- 15,001 to 20,000
- 20,001 to 25,000
- 25,001 to 30,000
- 30,001 to 35,000
- 35,001 to 40,000
- 40,001 to 45,000
- 45,001 to 50,000
- 50,001 to 55,000
- 55,001 to 60,000
- 60,001 to 70,000
- 70,001 to 80,000
- 80,001 to 90,000
- 90,001 to 100,000
- 100,001 to 110,000
- 110,001 to 120,000
- 120,001 to 130,000
- 130,001 to 140,000
- 140,001 to 150,000
- 150,001 to 160,000
- 160,001 to 170,000
- 170,001 to 180,000
- 180,001 to 190,000
- 190,001 to 200,00
- Over 200,000

6. **6. What is the annual attendance within the facility? ***

Include both ticketed and non-ticketed events, but only actual visitors. This may also be known as a facility's turnstile numbers or total drop counts.

.....

7. **7. What zip code is the facility located in? ***

.....

8. **8. In what year was the facility constructed? ***

.....

9. **9. In what year did the facility last undergo a major renovation? ***

Enter NA if no renovations have been made since construction.

.....

Facility Characteristics

If you own or operate multiple facilities, please complete a separate survey for each facility.

10.

10. Total Gross Floor Area (sq.ft.) *

Total Gross Floor Area is the total property square footage, measured between the principle exterior surfaces of the enclosing fixed walls of the facility, including conditioned and unconditioned space. This includes all areas inside the building, including lobbies, offices, common areas, meeting rooms, restrooms, mechanical equipment areas, basements, and storage rooms. Major vertical penetrations (stairs, elevator shafts, flues, pipe shafts, vertical ducts, atria, lightwells and similar penetrations above the finished floor) should be included once on the floor where they originate. Do not include spaces outside the exterior envelope such as exterior spaces, balconies, patios, exterior loading docks, driveways, covered walkways, interstitial plenum space between floors (which house pipes and ventilation), or crawl spaces. Do not include parking, which will be addressed in a later question. Gross Floor Area should include the seating bowl and square footage associated with the field, court, racing or other playing surface.

.....

Floor Area Breakdown

The next three questions are intended to ascertain the amount of your facility that is completely enclosed, partially enclosed, and open area. Quality Check: The floor area in questions 11, 12 and 13 should add up to the total gross floor area in question 10.

11.

11. Enclosed Floor Area (sq.ft.) *

This is the area of the facility that is completely enclosed on all four sides and has a roof. For arenas and enclosed stadiums, the Enclosed Floor Area should equal the Total Gross Floor Area. For stadiums with retractable roofs, only include area that would be enclosed when the roof is open—the remaining area should be included within the remaining two area classifications.

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12.

12. Partially Enclosed Floor Area (sq.ft.) *

This is the total area of the facility that is not fully enclosed. This includes areas that have a ceiling, and likely have overhead lighting, but the sides are partially or fully open – that is, structures that have partial walls or no walls at all. Do not include the seating bowl in this figure.

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13.

13. Open Field/Floor and Seating Bowl Area (sq.ft.) *

This square footage should include the field and the seating bowl, including any seating that may be under an overhang, but should not include any fully enclosed luxury boxes. If you have a venue with a retractable roof, include the area associated with your field and seating bowl in this response, not in the Enclosed Floor Area.

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14.

14. Do your responses for Enclosed Floor Area, Partially Enclosed Area and Open Field/Floor Area add up to the Total Gross Floor Area provided above? *

Mark only one oval.

Yes

No

15.

15. For arenas, enclosed and retractable roof stadiums (when the roof is closed), what is the volume of the seating bowl? (cubic feet) *

Do not include adjacent concourses. Indicate your methodology for arriving at the volume in the question below. For open facilities, indicate NA.

.....

16.

16. How did you calculate the volume of the seating bowl? **Mark only one oval.*

- Multiplied length by width by height manually without addressing shape of the bowl (oval), ceiling height variations, or angle of seating.
- Utilized software/designer provided volume that accounts for bowl shape, seating angles and ceiling height variations.
- Not Applicable
- Other:

17.

17. What is the square footage or acres of irrigated landscape areas on the property? *

Exclude playing surfaces and practice fields.

.....

18.

18. How is the irrigated area measured? **Mark only one oval.*

- Square feet
- Acres

19.

19. What is the square footage or acres of irrigated playing surfaces and practice areas on the property? *

.....

20.

20. How is the irrigated area measured? **Mark only one oval.*

- Square feet
- Acres

Amenity Spaces

The following questions collect floor area of amenity spaces that you may have in your facility. The floor area of these spaces should be reflected in your response to Total Gross Floor Area and, as appropriate, the Enclosed Floor Area and Partially Enclosed Floor Area, but the total of these spaces will not add up to the totals in the prior questions.

21.

21. Food Prep/Kitchen/Commissary (sq.ft.) *

The area dedicated to cooking or other preparation of food for all food service outlets. Include spaces with ovens, stoves, ventilation hoods, and food storage. Do not include spaces where food is ultimately distributed for consumption (luxury boxes and concession stands are addressed in the questions below).

22.

22. Concession Stands (sq.ft.) *

Spaces where customers walk up to purchase food. These spaces should include food heating and cooking spaces/griddle areas if within the concession stand. Do not include portable, movable or other temporary stands.

23.

23. Luxury Boxes/Party Suites and Press Boxes/Broadcast Booths (sq.ft.) *

Luxury Boxes/Party Suites are upscale spaces adjacent to the seating bowl with self-contained amenities. Press Boxes/Broadcast Booths are separate spaces utilized by the media that typically have self-contained amenities. Typically, these spaces are conditioned separately. Do not include adjacent seating outside the box or suite within the same area as the seating bowl.

24.

24. Club Spaces/Premium Spaces/Sit-Down Restaurants (sq.ft.) *

Spaces providing amenities outside the seating bowl in a separately conditioned space. Do not include individually enclosed boxes within this space. Include spaces utilized for team/athlete meals provided onsite.

25.

25. Office/Administrative (sq.ft.) *

This space resembles those typically found in office buildings and houses executive and administrative staff. Include coaches' offices.

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26.

26. Retail Space (sq.ft.) *

Team stores and similar spaces where merchandise is displayed and sold. This includes "walk-in" spaces accessible from the stadium interior or from outside street level. Do not include "walk-up" or portable stands or booths.

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27.

27. Team Space (sq.ft.) *

Includes locker rooms, medical treatment, training/gym areas (including practice courts, batting cages, etc. if included within the enclosed floor area), and wet spaces.

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28.

28. Bathroom fixtures (number) *

Include the following in your fixture count: toilets, urinals, faucets, and showers.

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29.

29. Storage/Warehouse Space (sq.ft.) *

Spaces used primarily to house supplies, equipment, and retail items with only minimal human presence.

.....

30.

30. IT/Electronics Spaces (sq.ft.) *

Includes scoreboard control rooms, video coaching rooms, command centers, broadcast controls, Wi-Fi/DAS equipment rooms, etc. Do not include data centers.

.....

Equipment

31.

31. Data Center (sq.ft.) *

Data Center refers to buildings specifically designed and equipped to meet the needs of high-density computing equipment, such as server racks, used for data storage and processing. Typically these facilities require dedicated uninterruptible power supplies and cooling systems. Data center functions may include traditional enterprise services, on-demand enterprise services, high performance computing, internet facilities, and/or hosting facilities. Often Data Centers are free standing, mission-critical computing centers. When a data center is located within a larger building, it will usually have its own power and cooling systems, and require a constant power load of 75 kW or more. Data Center is intended for sophisticated computing and server functions; it should not be used to represent a server closet or computer training area. If you do not have a data center, please enter 0.

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32.

32. Walk-in Refrigerator/Freezer Units (number) *

Walk-in Refrigeration/Freezers are typically very large units located in storage areas or commercial kitchens that would not be accessible to all building occupants. This count should only include large storage units that a person actually walks into in order to store or retrieve perishable goods.

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33.

33. Reach-In Refrigerator/Freezer Units (number) *

Include refrigerators, freezers, and ice makers within concession stands, suites, and portable concessions. Do not include commercial (high volume) ice machines.

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34.

34. Commercial Ice Machine (number) *

Number of ice machines capable of producing between 50 and 4,000 pounds of ice per day. Do not include concession stand, suite, or portable ice makers.

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35.

35. Electronic Scoreboards (sq.ft.) *

Cumulative square footage of all public-facing large-scale video and electronic ribbon displays.

36.

36. Electronic Display Monitors (number) *

Television and other type monitors typically in club spaces and concourses. Also include monitors and digital menu boards at concession stands.

37.

37. Computers (number) *

This is the total number of desktop computers, laptops, and data servers at the property. This number should not include tablet computers or any other types of office equipment.

38.

38. Stationary Cash Registers/POS (number) *

Cash registers are defined as physical machines that are used primarily for conducting transactions and indicating to customers the amounts of individual sales; they record and total receipts, may automatically calculate the change due, and often include a money drawer from which to make change. Do not include handheld point of sale devices or tablet-based systems.

39.

39. Does the facility have a cooling tower? *

Mark only one oval.

Yes

No

Parking

40.

40. Is the energy consumption associated with parking included in the energy consumption you will be providing? *

If yes, please answer the questions below about the parking space. If no, please enter N/A for the next three questions associated with parking.

Mark only one oval.

Yes

No

41.

41. Enclosed Parking (sq.ft.) *

Completely Enclosed Parking is the total area of a parking structure that is completely enclosed on all four sides and has a roof. This includes an underground parking structure or a fully enclosed structure on the first few stories of a building.

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42.

42. Open Parking (sq.ft.) *

Open Parking Lot is a paved area that is lit and used for parking vehicles. Open Parking Lot Size refers specifically to open area, which may include small shading covers but does not include any full structures with roofs. Parking Lot Size may include the area of parking spots, lanes, and driveways.

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43.

43. Partially Enclosed Parking (sq.ft.) *

Partially Enclosed Parking is the total area of any parking structure that is not fully enclosed. This includes parking garages where each level is covered at the top, but the sides are partially or fully open – that is, structures that have partial walls or no walls at all.

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Heating & Cooling

44.

44. Percent Total Gross Floor Area Heated *

Percent Total Gross Floor Area Heated is the total percentage of your property that can be heated by mechanical equipment, including the playing and non-playing areas. If none, please enter 0.

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45.

45. Percent Total Gross Floor Area Cooled *

Percent Total Gross Floor Area Cooled is the total percentage of your property that can be cooled by mechanical equipment, including the playing and non-playing areas. This includes all types of cooling from central air to individual window units. If none, please enter 0.

.....

Facility Use & Staffing

Event Days

46.

46. How many days is the facility in use? *

This number should include any day where any personnel are onsite, including for use of practice facilities, coaches' offices, or other spaces within the facility.

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47.

47. Total Event Days *

Over the course of 2015, how many Total Event Days did you have? Include only days on which the event occurs. A single event that spans three days should be counted as three separate event days. An event is when you are using more than 25% of the facility space and/or you have to increase your staffing and/or equipment use.

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48.

48. Event Preparation, Set Up, Load-In and Load-Out Days *

Over the course of 2015, how many non-event days were utilized for event preparation, set up, load-in, and load out?

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49.

49. Days with Ice (number) *

If none, enter 0.

.....

50.

50. Does the facility serve as a practice facility on non-event days? *

Mark only one oval.

Yes

No

Number of Events in 2015

For this section, rather than event days, provide information on the actual number of events conducted. For example, a single baseball game counts as 1 event, whereas a double-header counts as 2. If a facility hosts a basketball game in the afternoon and a hockey game at night, that is 2 separate events. A matinee and evening performance is 2 events. For tournaments, each game should be counted separately. If not applicable, please enter 0.

51.

51. Auto Racing (number) *

.....

52.

52. Baseball (number) *

.....

53.

53. Basketball (number) *

.....

54.

54. Football (number) *

.....

55.

55. Hockey (number) *

56.

56. Soccer (number) *

57.

57. Other Sporting Events (number and type) *

Please include number and type of event.

58.

58. Ice Events (excluding Hockey) (number) *

59.

59. Concerts/Shows (excluding ice shows) (number) *

60.

60. Other Events (number and type) *

Include events when you are using more than 25% of the facility space and/or you have to increase your staffing and/or equipment use. Include type of event in your answer.

61.

61. Number of Events under Stadium/Arena Lights *

Regarding the number of events indicated above, how many were conducted with stadium lights on? If your facility is enclosed, your response should be all events conducted in the facility. If your facility is open or has a retractable roof, include all events where stadium lights were on.

62.

62. If enclosed facility with retractable roof, how many events are held with the roof open? *

Of the number of events indicated above, how many were conducted with the retractable roof open? For facilities without a retractable roof, enter NA.

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63.

63. Do you have the ability to provide energy use data associated with a specific event? *

For example, do you have a smart meter or building energy management system that can provide incremental energy use data for a specified period of time?
Mark only one oval.

Yes

No

Staffing

The Number of Full Time Workers should be computed as the total number of hours worked by all workers in a week divided by the standard hours worked by one Full-Time Worker in a week (40 hours). Workers may include employees of the facility, sub-contractors who are onsite regularly, and volunteers who perform regular onsite tasks. Workers should not include visitors to the property (such as clients, customers, or spectators).

64.

64. How many full time staff, players, stadium support staff and contractors, vendors, and concessionaires are present in the facility? (number of full-time equivalent workers) *

Do not include staff that are for events only.

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65.

65. How many event staff are present on event days? *

Event staff are the staff, players, stadium support staff and contractors, vendors, and concessionaires that are present on event days. Provide the average event staff present across the events identified in questions 50 to 59.

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Part 2: Ownership, Operations, & Planning

Facility Ownership & Operations

66.

66. What is the ownership structure at the facility? **Mark only one oval.*

- Owned by government
- Owned by team
- Owned by public/private partnership entity
- Owned by private entity (not team)
- Land leased from government, facility owned by private entity
- Other:

67.

67. What is the operations structure at the facility? **Mark only one oval.*

- Operated by owner
- Operated by separate management company
- Other:

68.

68. Do you have regularly scheduled intervals to make capital investments to upgrade or renovate your facility? If so, at what time interval? **Mark only one oval.*

- No plans
- Every 1 to 2 years
- Between 2 and 5 years
- Between 5 and 7 years
- Between 7 and 10 years
- Between 10 and 15 years
- Over 15 years
- Don't know

69.

69. When do you anticipate the next capital improvement? **Mark only one oval.*

- Within the next year
- Within the next 2 years
- Within the next 5 years
- More than 5 years
- Don't know

70.

70. How have capital improvements been financed in the past or how do you plan on primarily financing future improvements? **Mark only one oval.*

- Municipal bonds
- Capital budget
- Operations budget
- Don't know
- Other:

Part 3: Energy & Water Efficiency

71.

71. How important is energy efficiency in your decision making? **Mark only one oval.*

	1	2	3	4	5	
Not Important	<input type="radio"/>	Very Important				

72.

72. How important is water efficiency in your decision making? **Mark only one oval.*

	1	2	3	4	5	
Not Important	<input type="radio"/>	Very Important				

73.

73. What proportion of your operating budget for managing the facility is associated with energy and water use? *

Mark only one oval.

- Less than 2 percent
- 2 to 4 percent
- 4 to 6 percent
- 6 to 8 percent
- 8 to 10 percent
- 10 to 12 percent
- 12 to 14 percent
- 14 to 16 percent
- 16 to 18 percent
- 18 to 20 percent
- 20 to 25 percent
- 25 to 30 percent
- 30 to 45 percent
- 45 to 50 percent
- More than 50 percent

74.

74. Indicate if you have any of the following: **Check all that apply.*

- LED playing surface lighting
- Non-playing surface LED lighting
- Building automation system/building energy management system/energy management information system
- Waterless urinals/WaterSense plumbing fixtures
- District heating/cooling, steam/chilled water
- Onsite combined heat and power
- Solar photovoltaics
- Wind turbines
- Site/campus greywater system
- Cooling tower water reuse
- Stormwater/rainwater reuse
- Xeriscaping approach
- Fuel cells
- Ice storage
- Onsite water treatment (living machine)
- Sewage heat transfer
- Anaerobic digester
- Real time data/dashboards
- Smart meter
- None
- Other:

75.

75. What techniques or practices do you employ to manage facility energy and water use? (select all that apply) **Check all that apply.*

- Benchmark using ENERGY STAR Portfolio Manager
- Benchmark using private-sector developed tools
- Installed building energy management system
- Hired outside firm to conduct an audit or commission the facility
- Adopted organizational goal to reduce energy use
- Adopted organizational goal to reduce water use
- Adopted facility management goal to reduce energy use
- Adopted facility management goal to reduce water use
- Designated an energy manager
- Designated a water manager
- Encourage staff to pursue certifications and ongoing education and training
- Installed renewable energy onsite
- Invested in power purchase agreement or purchased green power
- Installed sub-meters on key building systems
- Utilized utility or public financing to support retrofits
- None
- Other:

76.

76. What benefits do you hope to realize through energy and water efficiency activities? **Check all that apply.*

- Enhancing our brand
- Reducing operating costs
- Educating fans
- Good stewardship
- Compliance with state or local requirements
- None
- Not applicable, we have no plans to implement energy or water efficiency activities
- Other:

77.

77. If you have not yet undertaken energy or water efficiency activities, why not? **Check all that apply.*

- Lack of funding
- Don't know where to start
- Don't know where to find expertise
- Don't have requisite technical expertise on staff
- Skeptical of the proposed results
- Want to learn from others who have done it first
- Need technical advice or insight into technology applications
- Not applicable
- Other:

Energy and Water Use Data

Thank you for completing the Energy and Water Use Data section of the Survey of Energy and Water Efficiency of Stadiums and Arenas. There are (2) options for submitting your energy and water use data for each facility you operate.

Option A: Available for respondents benchmarking their venue in ENERGY STAR® Portfolio Manager®.

Option B: A spreadsheet template available for population.

For both options, please label your file with your zip code and primary sport (20005football.xlsx)

Please see below for more details, and contact Ryan Colker (rcolker@nibs.org or (202) 289-7800 x133) if you have questions or concerns.

78.

78. Which option will you be using to submit energy and water use data? **Mark only one oval.*

- Option A: Portfolio Manager *Skip to question 79.*
- Option B: Spreadsheet Template *Skip to question 80.*

Option A: Provide Energy and Water Data from Portfolio Manager®

If you benchmark your property using ENERGY STAR® Portfolio Manager®, utilize this method to submit data in support of the survey.

Step 1

Log in to your ENERGY STAR® Portfolio Manager® account at <https://portfoliomanager.energystar.gov/pm/login.html>.

Step 2

After you have logged in, paste the link below into your browser.

<https://portfoliomanager.energystar.gov/pm/reports/template/1249142/share/f0715b53-48de-4037-81cf-8cfee7e2ae77>

This will take you to the Reporting Tab of your account, and you will see the message below:

This report template, [Stadiums and Arenas](#), has been successfully copied into your account.

To begin using this template right away, you need to [edit this template](#) to include the properties from your account you want to see on the spreadsheet. Once you have added your properties to this report template, [Generate a Spreadsheet](#) in order to pull information you have selected from your account and into your template to create a spreadsheet download.

Keep in mind: If you have chosen a large number of properties and/or metrics in your template, your spreadsheet may not be available to view right away.

Step 3

Click on the first link, to "Stadiums and Arenas," and in the dropdown menu for Step 3: Select Properties, select the venue for which you will be responding. Click "Save Template" and return to the "Reporting" Tab.

Edit Report Template: Stadiums and Arenas

1 Name Your Template

Name: *
Please provide a unique name for this template

2 Select Timeframe

Timeframe: *

 Each property must have 12 full months of data for metrics to be calculated. If metrics cannot be calculated, "N/A" will be displayed in your report. Pick the **last day** of the 12 month period that you want.

3 Select Properties

Properties: *

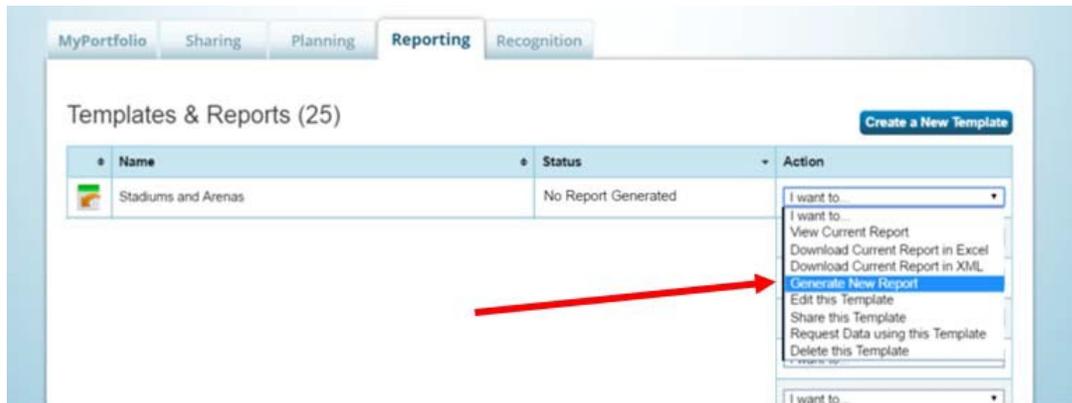
4 Select Information & Metrics

Information & Metrics: * Selected Items: [43](#)

[Cancel](#)

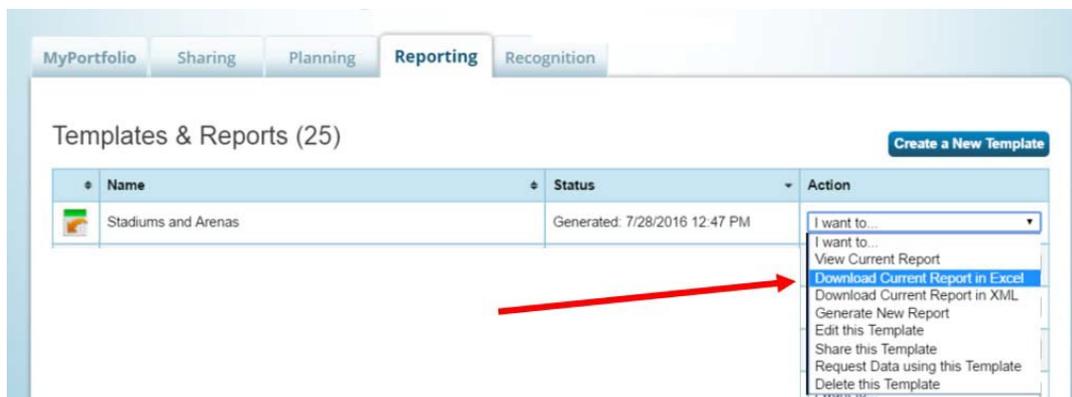
Step 4

Scroll to the "Stadiums and Arenas" report and select "Generate New Report" from the drop-down.



Step 5

Refresh the "Reporting" page until you see "Generated" in the "Status Column." In the drop-down, select "Download Current Report in Excel."



Step 6

Submit the Excel file following the steps below.

Submitting Spreadsheets

Click this link to upload:

https://script.google.com/macros/s/AKfycby44bBZKmwVWWtEA_VaJfKyIrrMgN9B3VGmnJzZWbeNek2_3V0/exec

Please remember to return to this tab to submit the completed survey.

79.

79. Please provide the title of the spreadsheet you submitted. *

If you are not submitting energy and water use data, please answer NA.

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Skip to question 81.

Option B: Complete the Spreadsheet in Excel

If your facility's energy and water data is not benchmarked in ENERGY STAR® Portfolio Manager®, you may complete this spreadsheet to submit your data.

Click here: http://www.nibs.org/resource/resmgr/projects/Energy_Water_Data.xlsx to download the file.

Provide monthly energy and water consumption for the 12-month time period in 2015 (e.g. January 1, 2015 to December 31, 2015). Please note that the date range should primarily cover the 12-month period of 2015. However, we understand that your meter readings may not be from the first of the month to the last of the month. Therefore, a range such as 01/05/15 – 01/04/16 would be accepted. Entries for monthly, quarterly, semi-annual, or annual periods will be accepted.

Enter the dates, consumption, total cost, and units, as they appear on your energy and water bills.

Energy data represents the total energy consumption of the entire property, including all buildings, equipment, lighting, restaurants, and areas operated by third parties. Please include energy consumption for on-site generation, such as solar panels or on-site wind. Include energy for parking garages and parking lots only if they are not separately metered or sub metered.

Water data represents the total water consumption of the entire property, including all buildings, food service areas, restaurants, irrigation and areas operated by third parties.

The spreadsheet has multiple tabs. Please see the instructions below specific to the Energy/Water Meter Summary Tabs and the Energy/Water Bill Detail tabs:

Meter Summary Tabs

- List all meters under "Meter ID." This field can be the actual meter number, or a simple name to identify the meter, such as Electricity 2. Please ensure these meter IDs match between the Energy and Water Meter Summary tabs and the Energy and Water Bill Detail tabs and that there are no duplicate meter names within the same property.

- Meters may include individual meters/accounts from utility bills, or may be an aggregation of multiple meters (i.e. all electric bills included together).

- For Energy, specify the Fuel Type and the Unit of Measurement.

- For Water, specify the Type of Water User and the Unit of Measurement.

- In the "Start Date" column on the Energy and Water Meter Summary tabs, enter the start date for the first bill for which you are providing data for that meter, and in the "End Date" column, enter the end date of the last bill. For example, if the first bill for the meter covers January 12, 2015 – February 11, 2015 and the last bill covers December 12, 2015 to January 11, 2016, then January 12, 2015 is entered in the "Start Date" column and January 11, 2016 is entered in the "End Date."

Bill Detail Tabs

- List the Facility Name and Meter IDs to match the Meter Summary Tabs.

- Enter the Start Date, End Date, and Consumption for each Fuel Type and Type of Water Use in the Energy and Water Bill Details tabs. Cost data is optional, and would be entered as the total current cost on the bill(s) entered, including all taxes and fees.

Submitting Spreadsheets

Please save the spreadsheet with your zip code and primary sport as the title (20005football.xlsx) and submit via the link below.

Click this link to upload:

https://script.google.com/macros/s/AKfycby44bBZKmwVWWtEA_VaJfKylrreMgN9B3VGmnJzZWbeNek2_3V0/exec

Please remember to return to this tab to submit the completed survey.

80.

79. Please provide the title of the spreadsheet you submitted. *

If you are not submitting energy and water use data, please answer NA.

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Skip to question 81.

Contact Information

In order to support the possible development of an ENERGY STAR® score for stadiums and arenas, responses must be provided to key questions within this survey. To allow follow-up where responses are unclear or blank, please provide your contact information. Once determined that responses are adequate, contact information will be unlinked from the responses.

81.

80. Name *

.....

82.

81. Title *

.....

83.

82. Company *

.....

84.

83. Address *

.....

85.

84. City *

.....

86.

85. State/Province *

.....

87.

86. Zip Code *

.....

88.

87. Phone number *

.....

89.

88. E-mail address *

.....

90.

89. Facility Name *

The facility name will only be used to ensure the energy and water data submitted is linked to your survey responses. Reported data to DOE, EPA, and publicly will not include this field.

.....

91.

90. Do you have any comments on the survey or wish to provide additional information on your responses?

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.....

.....

92.

91. Would you like to receive additional information about this initiative? *

Mark only one oval.

- Yes
- No

