**SDC 1100 Meeting**

**July 29, 2025; 2-3 pm EST**

**Via Microsoft Teams**

**[Click link to join](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjhhZmM4NDMtOGI3Mi00ZjczLTlhYWMtZDk5NDAwYzQ4OTAy%40thread.v2/0?context=%7b%22Tid%22%3a%22e5f23624-9be3-4926-98df-49740f9dfb77%22%2c%22Oid%22%3a%229ec8eb7d-71a2-4e8f-a6b7-b6739b4a7e3d%22%7d)**

Meeting ID: 282 416 576 133

Passcode: fh2P7NT7

[MEETING RECORDING](https://www.resnet.us/wp-content/uploads/RESNET-SDC-1100-Call-20250729_140204-Meeting-Recording.mp4)

**MINUTES**

1. Call to Order (Jacob Atalla, Chair)
   1. The meeting was called to order at 2:04 PM ET.
2. Roll Call (Ryan Meres)
   1. Present: Jacob Atalla, Kevin Kalakay, Matt Graves, Jonah Schein, Philip Fairey
   2. Staff: Noah Kibbe, Ryan Meres, Paulette McGhie, Michael Matthews, Jackie Diaz

There is a possibility that ANSI may be asking to expand the number of SDC1100 members from the current 9.

1. Consideration of new members for the SDC 1100 Task Group

The SDC 1100 Task group works primarily on development work for Standard 800. The group has received applications from volunteers to fill the three positions currently open. Ryan Meres has highlighted two people for the Rater/Provider representative position, (Rebecca Santiago with Steven Winter Associates and Steve Eagleburger with EnergyLogic) and one for the vacant group member seat (Dave Giddens with Rainbird).

There is concern that the irrigation industry is heavily represented. The group is keeping this in consideration and will move forward with the individual who is the best overall fit.

1. Formation of a new HERS H2O Implementation Standards Task Group

Standard 850 is a technical standard that references how to calculate HERS H2O. This task group will work to convert the existing guidelines into a formal standard that will address Rater certification, provider and software accreditation, and QA Requirements and Process. Ekotrope’s software has officially been approved, and the guidelines will need to be updated to reflect that.

Recommended changes include:

* A cut-off and mandatory compliance date of July 1st, 2026, where the guidelines can no longer be used for multi-family buildings. Only “dwelling” and “townhouse”.
* New section to align with the HERS Standard that moves from old versions of software, including the Excel sheet currently used to calculate HERS H2O.

These changes will be sent out via electronic ballot.

Philip Fairey mentioned that the calculations in standard 850 are incorrect and will eventually need an addendum to update. A suggestion was made to include the correct calculations in the HERS H2O section and update 850 when appropriate.

Ryan Meres recommends inviting the remaining candidates not chosen for SDC 1100 to join this task group and include at least one member from SDC 200 and 900. Ryan will reach out to the chairs of these committees and extend the invitation.

1. Update on the work of the SDC 1100 Task Group

The work on 850 was approved in April. The task group was initially focused on alternative water sources, and more recent discussions have centered around unfinished yards and backyards. These topics continue to be addressed by the task group.

1. Revisions to the HERS H2O Implementation Guidelines

There are:

* 18 builders participating
* 18,000 total ratings
* 27 accredited providers
* 300 certified Raters

1. Appendix for using HERS H2O as an efficiency/incentive program

There is an emerging proposal to add an appendix on how to use HERS H2O in an efficiency or utility incentive program. This is not an official proposal yet, but Ryan thinks this will become an item for the task group.

Many existing incentive programs focus on fixtures, and the group would work to help those programs realize that there is a way to use whole-house efficiency in an incentive program.

Jacob shared that KB Home was able to successfully help a water district create an incentive program. It was helpful for them to have the district visit the site and see Ratings happen live.

Jonah mentioned that there is currently no indication that WaterSense will be discontinued. They also believe it is beneficial to codify certain elements within the standards that have traditionally been left to the efficiency program.

1. New business

No new business.

Meeting Adjourned at 2:39 PM ET

4.6.4 Residential Irrigation Capacity Index (RICI).In a Rated Home, with an automatic irrigation system, where documentation is provided, a RICI shall be calculated as follows:

**(Eq 4.6-4)**

4.6.4.1  Applying RICI.A Rated Home where documentation for a RICI is provided may adjust the volume of water use associated with irrigation (less the water use associated with pools) in the Outdoor Water Use of the Rated Home by 10% for every point from a baseline RICI (RICI\_ref) of 5.

|  |  |  |
| --- | --- | --- |
| 3 | 4.6.3- Residential Irrigation Capacity Index (RICI) | Shall be calculated in accordance with section 4.6.4 and adjusted in partially finished landscapes to be calculated as:  (Predicted Back\_irr is defined in Section 5.3.) |

5.3. Incomplete Outdoor Area. To receive a rating, a home shall (at a minimum) have the front yard landscape completed. Homes that do not have landscaping completed in the back yard shall be determined in accordance with Section 4.6 with the portion of landscaping that is done determining the presence or absence of an automatic irrigation system. The following steps shall be followed in determining irrigated area in this instance.

*Rater must determine a line between the front and back area (front\_area + back\_area must = total available area)*

*Lot\_Area – Pad Footprint= total available area*

*(Back\_area/total available area) \* Ref\_Irr\_Area= Predicted Back\_irr*

*Irr\_Area= Predicted Back\_irr + Front\_irr*

*Where:*

*Pad Footprint= the portion of the lot area covered by the dwelling unit and any attached or detached garage.*

*Total\_available\_area= The portion of the lot excluding the pad of the house that is available for landscaping or other design features (hardscape, softscape, etc.)*

*Front\_area= the area (in sq. ft.) of the total available area that is located primarily in front of the house*

*Back\_area= the area (in sq. ft.) of the total available area that is located primarily behind the house*

*Front\_irr= The area located primarily in front of the house that receives supplemental water for irrigation at the time of the rating*

*Predicted Back\_irr= the portion of the area located primarily behind the house that can be predicted to receive supplemental water for irrigation in the future*