**RESNET® SDC 1100 and Task Group Combined Meeting**

**June 24, 2025; 3-4 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

**MINUTES**

Present: Gary Klein, Jonah Schein, Rebecca Santiago, Andrew Morris, Holly Cannon, Paul Kintner, Ed Osann

Staff: Ryan Meres, Paulette McGhie, Michael Matthews, Noah Kibbe

1. Call to Order
   1. The meeting was called to order at 3:03 p.m. Eastern Time.
2. Roll Call (Ryan Meres)
3. RICI and backyard irrigation calculations
   1. When a builder does not finish the backyard, section 5.3 of standard 850 describes how water use calculations should be handled. Those calculations set the unfinished portion of the yard to the reference home.
   2. When builders install irrigation in the front yard, they receive an additional credit based on flow rate using RICI calculations. RICI is not applied to the unfinished backyard.
   3. Field data indicates that homeowners tend to carry forward what is installed in the front yard to the backyard.
   4. This could be resolved through an Interpretation Request, as it is not outlined explicitly in the standard.
   5. Gary Klein noted the following via chat:
      1. If there is a conduit or pathway for the backyard wire to reach the controller in the front yard, or the wire has been installed, then we could give credit for the backyard.
   6. Gary suggested that RESNET issue a certificate for indoor water use. When the jurisdiction approves the outdoor water efficiency, that would be submitted to RESNET, and a full certificate would be issued.
4. Revisions to HERS H2O® Implementation Guidelines
   1. HERS H2O is comprised of two standards:
      1. Standard 850 – the technical standard that explains and defines calculations, labeling for homes, and types of ratings.
      2. Implementation guidelines – outlines requirements for accreditation of Rating Providers, certification of professionals that can perform HERS® ratings, and QA oversight.
   2. MINHERS® Standards has been renamed RESNET HERS Standards.
   3. A new version of standard 850 has been approved.
   4. There were previously no guidelines for moving to new software or requiring adherence to standards updates.
   5. Revisions made to Implementation Guidelines:
      1. Calculations shall be made in accordance with the current version of ANSI/RESNET/ICC 850.
      2. A section was added to address rating software changes.
      3. Additional QA requirements were added.
      4. Equation 4.6.3 is included in Standard 850 and was removed.
      5. Sampling requirements for single-family homes were removed.
         1. ENERGY STAR announced they were sunsetting sampling for single-family homes. RESNET agreed and echoed this decision.
   6. Submissions are still accepted for the calculations spreadsheet.
5. New Business
   1. A meeting for SDC 1100 was scheduled on July 29th from 2:00 p.m. to 3:00 p.m. Eastern Time. Ryan Meres will extend the invite to Task Group members.
6. Meeting adjourned at 3:50 p.m. Eastern Time.

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.

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| --- | --- | --- |
| 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*