1. Name and Address of Reporting Person

Eckel Jeffrey

One Park Place Suite 200
Annapolis, MD 21401

2. Issuer Name and Ticker or Trading Symbol

Hannon Armstrong Sustainable Infrastructure Capital, Inc. [HASI]

3. Date of Earliest Transaction (Month/Day/Year)

08/21/2023

5. Relationship of Reporting Person(s) to Issuer

X Director
X Officer (give title below)
X Other (specify below)

Executive Chairman

6. Individual or Joint/Group Filing (Check Applicable Line)

X Form filed by One Reporting Person
Form filed by More than One Reporting Person

I Form filed on behalf of More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>3. A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>6. Price</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common stock, par value $0.01 per share</td>
<td>08/21/2023</td>
<td>P</td>
<td>2,525</td>
<td>A</td>
<td>$19.76</td>
<td>I By grandson</td>
</tr>
<tr>
<td>Common stock, par value $0.01 per share</td>
<td>08/21/2023</td>
<td>P</td>
<td>351</td>
<td>A</td>
<td>$19.75</td>
<td>I By Jeffrey W. Eckel Revocable Trust</td>
</tr>
<tr>
<td>Common stock, par value $0.01 per share</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>549,894</td>
<td>I By Jeffrey W. Eckel Revocable Trust</td>
</tr>
<tr>
<td>Common stock, par value $0.01 per share</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>67,661</td>
<td>I By Chesapeake Power LLC</td>
</tr>
<tr>
<td>Common stock, par value $0.01 per share</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>36,900</td>
<td>I By spouse</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTIP Units</td>
<td>(6)7</td>
<td>Common stock, par value $0.01 per share</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>758,117</td>
<td>I By HASI Management HoldCo LLC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from $19.76 to $19.77, inclusive, on August 21, 2023. The reporting person undertakes to provide Hannon Armstrong Sustainable Infrastructure Capital, Inc., any security holder of the Company, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.

2. The reporting person acts as custodian for his grandson under the Uniform Gifts to Minors Act. The reporting person disclaims beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

3. These shares are held by the Jeffrey W. Eckel Revocable Trust, of which Jeffrey W. Eckel is the sole trustee and beneficiary.

4. These shares are held by Chesapeake Power, LLC, of which Jeffrey W. Eckel is the sole member

5. These shares are held by the reporting person's spouse. The reporting person disclaims ownership other than to the extent of his pecuniary interest.

6. 758,117 units of limited partner interest (“OP Units”) in Hannon Armstrong Sustainable Infrastructure, LP (the “Partnership”) are issuable upon the vesting and conversion of 758,117 long-term incentive plan units (“LTIP Units”) in the Partnership. The LTIP Units were granted to the Reporting Person under the Issuer’s 2013 Equity Incentive Plan, as amended, and the Issuer’s 2022 Equity Incentive Plan.

7. Vested LTIP Units, after achieving parity with OP Units (as described in the Partnership’s Amended and Restated Agreement of Limited Partnership (the “Partnership Agreement”)), are eligible to be converted into OP Units on a one-for-one basis upon the satisfaction of conditions set forth in the Partnership Agreement. Upon conversion of LTIP Units into OP Units, the Reporting Person will have the right to cause the Partnership to redeem a portion of the Reporting Person’s OP Units for cash in an amount equal to the market value (as defined in the Partnership Agreement) of an equivalent number of shares of common stock, par value $0.01 per share, of Hannon Armstrong Sustainable Infrastructure Capital, Inc. (the “Issuer”), or at the Issuer’s option, shares of the Issuer’s common stock on a one-for-one basis, subject to certain adjustments.

8. N/A

9. These LTIP Units are held by HASI Management HoldCo LLC (“HoldCo LLC”). The Reporting Person is a member of HoldCo LLC. The LTIP Units reported represent only the number of LTIP Units in which the Reporting Person has a pecuniary interest in accordance with his proportionate interest in HoldCo LLC. The Reporting Person is voluntarily reporting his proportionate interest in HoldCo LLC’s ownership of LTIP Units. The Reporting Person disclaims beneficial ownership other than to the extent of his pecuniary interest.

Remarks:

/s/ Jeffrey Eckel 08/21/2023

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).