Notes: In addition to this form, a DHW-1 Water Heating Worksheet must also be submitted to document water heating type(s). If the calculation (line 5) is by “Individual Dwelling Unit” and system configuration (line 6) is “Individual Heaters,” no additional information need be entered on this sheet.

Multi-Family Project Data
1. Number of dwelling units: _______
2. Total conditioned floor area: _______ ft²
3. Average floor area: _______ (Line 2/Line 1)
4. Standard Recovery Load: _______ (from Table 6-5 based on Line 3, enter on DHW-1 Line 1a)
5. Calculation by (check one): _____ Average Dwelling Unit
   _____ Individual Dwelling Unit
6. System configuration (check one): _____ Individual Heaters (one per dwelling unit)
   _____ Shared Heaters (multiple dwelling units per heater)

Analysis by Average Dwelling Unit
One Individual Heater Per Dwelling Unit

<table>
<thead>
<tr>
<th>No. of Heaters</th>
<th>Heater Type#</th>
<th>Manufacturer and Model#</th>
<th>Gallons Each</th>
<th>Total¹</th>
<th>Energy Factor Each</th>
<th>Total²</th>
<th>Thermal Efficiency Each</th>
<th>Total³</th>
</tr>
</thead>
</table>
7a =           |              |                         |              |        |                   |        |                         |        |
7b =           |              |                         |              |        |                   |        |                         |        |
7c =           |              |                         |              |        |                   |        |                         |        |
8a =           |              |                         |              |        |                   |        |                         |        |

Total 9a =     |              |                         |              |        |                   |        |                         |        |

Ave. (8b/8a)   | Ave. (8c/8a) | Ave. (8d/8a) |

Individual Heaters
10a. Enter value 9a on DHW-1 Line E.
11a. Enter value 9b on DHW-1 Line D.
12a. Enter value 9c on DHW-1 Line G.
13a. Check compliance on DHW-1 for average dwelling unit and average water heating.

Shared Heaters
10b. Average unit Adjusted Recovery Load: _______ From DHW-1, Line 1e
11b. Total Adjusted Recovery Load:⁴ _______ (Line 1) × (Line 10b)
12b. Total Basic Energy Use: _______ From Table 6-8, or DHW-3
13b. Average Unit Basic Energy Use: _______ (Line 12b) ÷ (Line 1): enter on Line 2a, DHW-1
14b. Check average unit compliance on DHW-1.

Compliance
15. Prescriptive Compliance (for individual or shared heaters):
   DHW-1 Line 2d must be equal to or less than DHW-1 Line 3.
   See Section 6.1 and Chapter 3 in the Residential Manual for details.

¹ Total Gallons = (No. of Heaters) x (Gallons for each heater of this Heater Number)
² Total Energy Factor = (No. of Heaters) x (Energy Factor for each heater of this Heater Number)
³ Total Thermal Efficiency = (No. of Heaters) x (Thermal Efficiency for each heater of this Heater Number)
⁴ For a Large Storage Gas Heater proceed to DHW-3, no additional information need be entered on this sheet.