

Equation assignment sequence for variable k_y^d

| no | var | equ | quations | token |
|----|-----|-----|---|--------------|
| 3 | 2 | - | $t :: \text{port variable}$ | mass |
| 3 | 16 | - | $r_y :: \text{port variable}$ | |
| 3 | 18 | - | $n :: \text{port variable}$ | |
| 3 | 21 | - | $V :: \text{port variable}$ | |
| 3 | 19 | - | $U :: \text{port variable}$ | |
| 2 | 37 | 21 | $v_{yN} := \frac{\partial r_{yN}}{\partial t}$ | energy |
| 1 | 24 | 9 | $\mu_{NS} := \frac{\partial U_N}{\partial n_{NS}}$ | |
| 0 | 54 | 37 | $k_{yNS}^d := (\mu_{NS})^{-1} \cdot \left(v_{yN} \odot \left((V_N)^{-1} \odot \frac{\partial U_N}{\partial \mu_{NS}} \right) \right)$ | energy, mass |

