## Scaled Input step-responses $\Delta F_{all} = 1$ $\Delta \ v_{\ grate}$ $\Delta F_{al} = 1$ $\Delta F_{w,in} = 1$ 0.08 3 0.12 4000 2.5 0.1 0.06 3000 2 0.08 0.04 1.5 0.06 2000 0.04 1 0.02 1000 0.5 0.02 0 0 0 5000 5000 5000 5000 0.25 0.25 0 0.2 0.2 -0.2 -200 0.15 ∠ 0.1 0.15 -400 -0.4 0.1 0.1 -600 -0.6 -800 0.05 0.05 -1000 -0.8 0 0\* 5000 5000 5000 5000 0 0 8 r×10<sup>5</sup> 8 r×10<sup>5</sup> 15 r×10 9 ×10<sup>6</sup> 10 8 6 6 10 6 4 4 5 2 2 2 0 0\* 0 \* 0\* 5000 5000 5000 5000 $\Delta$ time [s] $\Delta$ time [s] $\Delta$ time [s] $\Delta$ time [s]