# Powerflow Data: Machine (Positive Sequence)

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| Bus Number | ID | Nominal Voltage (kV) | Scheduled Voltage (pu) | Remote Bus Number | PMax\*\* (MW) | Pmin\*\*\* (MW) | QMax (Mvar) | QMin (Mvar) | Mbase (MVA) | Impedance (pu) | Wind Machine Control Mode | Wind Power Factor | R (pu) |
| 669774 | 1 | 13.8 | 1.015 | 667028 | 125.0 | 0.0 | 43.0 | -43.0 | 132.25 | 0.00407 | 0.1737 | NA | NA |
| 669775 | 2 | 13.8 | 1.015 | 667028 | 125.0 | 0.0 | 43.0 | -43.0 | 132.25 | 0.00407 | 0.1737 | NA | NA |
| 669776 | 3 | 13.8 | 1.015 | 667028 | 125.0 | 0.0 | 43.0 | -43.0 | 132.25 | 0.00407 | 0.1737 | NA | NA |
| 669777 | 4 | 13.8 | 1.015 | 667028 | 125.0 | 0.0 | 43.0 | -43.0 | 132.25 | 0.00407 | 0.1737 | NA | NA |

Table Footnote: *The PSSE machine’s bus base voltage must match the machine nominal voltage.  
\*\* Pmax represents the maximum power output at rated power factor of 0.95.  
\*\*\* Pmin represents the minimum output level the unit is allowed to operate at under typicalconditions (as provided by the system operator); the unit may be capable of lower output.  
\*\*\*\* Machine powerflow impedance must equal the sub-transient reactance for some generator dynamics models.*