

$$P_{\text{train}} = V_{\text{train}} \frac{V_{\text{SST}} - V_{\text{train}}}{R_{\text{eq}}}$$

$$R_{\text{eq}} = \frac{(R_{\text{SST}} + R_{\text{LAC1}} + R_{\text{rail1}})(R_{\text{SST}} + R_{\text{LAC2}} + R_{\text{rail2}})}{2R_{\text{SST}} + R_{\text{LAC1}} + R_{\text{LAC2}} + R_{\text{rail1}} + R_{\text{rail2}}}$$



