Revised model (Feb 12)

$$q$$
 stock, stored q stock, stored $+$ q stock, in/out $=$ 0 . It $\begin{pmatrix} 1 & 5 \\ 1 & 1 \end{pmatrix}$

$$\sum_{m} \sum_{t} q_{e,m,t} - Q_{e} \leq 0 : \forall e \left(\nu_{e}^{3} \right)$$

$$\left\{ \sum_{m} q_{e',m,t} \right\} - \bar{q}_{e',t} \leq 0 \quad ; \quad \forall e',t \quad \left(\begin{array}{c} q \\ Ne',t \end{array} \right)$$

$$q_{e',t}^{\text{oliff}} - \overline{q}_{e',t} + \sum_{m} q_{e',m,t} = 0 : \forall e', t \left(\lambda_{e',t}^{\epsilon} \right)$$

$$\overline{q}_{e'}, t - \overline{q}_{e'}^{int} = 0$$
 : $\forall t = t_{start}, e'(\Lambda_{e'})$

$$4e', t - q_e'' = 0$$
: $\forall t = t_{start}, e'(\Lambda_{e'})$
 $q_{e't} - \beta_{e't} = 0$: $\forall e', t (N_{e',t})$