

Computer Model for Calculating Profits or Losses on Short Term Purchases and Sales from PacifiCorp Database

Basic Data Accumulation

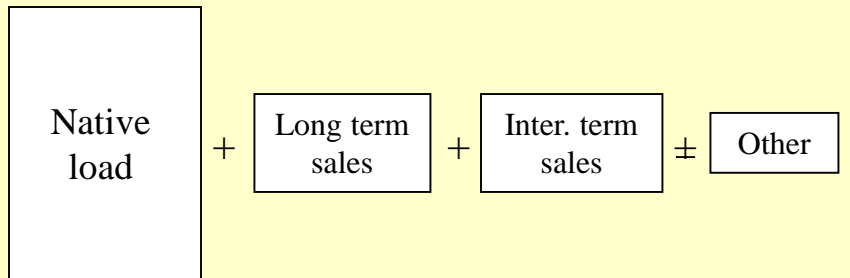
PacifiCorp Database Model
8,760 hours
> 2,000,000 entries

Separate entries into
FERC categories

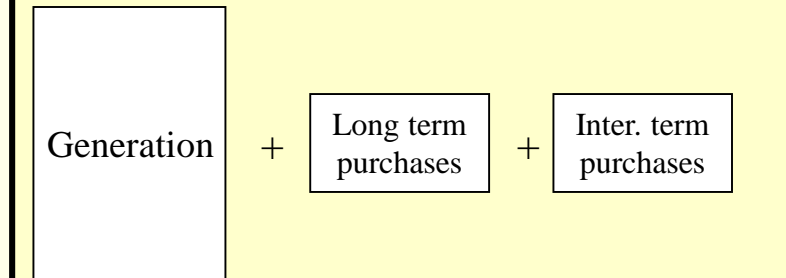
Native Load = hourly
net of all transactions

Calculations

Step 1 – Total Hourly Requirements



Step 2 – Net Requirements



If < 0

If > 0

Credits to retail customers
based on average price of
short term sales during hour

All short term purchases
assigned to short term sales

Generation available for sale
on short term market

Short term purchases
needed to balance system

Sums cost of lowest
priced short term
purchases until all net
requirements are met

Remaining short term
purchases assigned to
short term sales