**Dispatcher Quickstart**

Additional details are provided in DispatcherFinal.doc, and ChargesEconomicModeling.doc

**Basic Usage**

Open DispatcherFinal.m

Run **Section 0.1** to load the data files

Run **Section 0.2** to define the parameters. This will influence your revenue and duty cycle calculation. The default numbers are already loaded into the program. For Real-Time (RTM) Timeshift applications set:

esParams(2) = 0.25

esParams(4) = 0.25

esParams(9) (discharge efficiency) is always >= 1

Run **Section 0.3** to choose which Node you are using the Data from. (kifer, lajolla, riohondo, vacadix)

Choose and run your application:

1. **Timeshift**

* If running 1.2 or 1.3 set esParams(2) = 0.25, esParams(4) = 0.25

1. **Frequency Regulation**

* Run section 2 before running either 2.1, 2.2, or 2.3

1. **Ramping**

* Run section 3 before running either 3.1, 3.2, 3.3, or 3.4

1. **Demand Charge**

* Run both sections

1. **Congestion**

This will give you revenue for the 2 years, as well as a 2 year-long duty cycle.