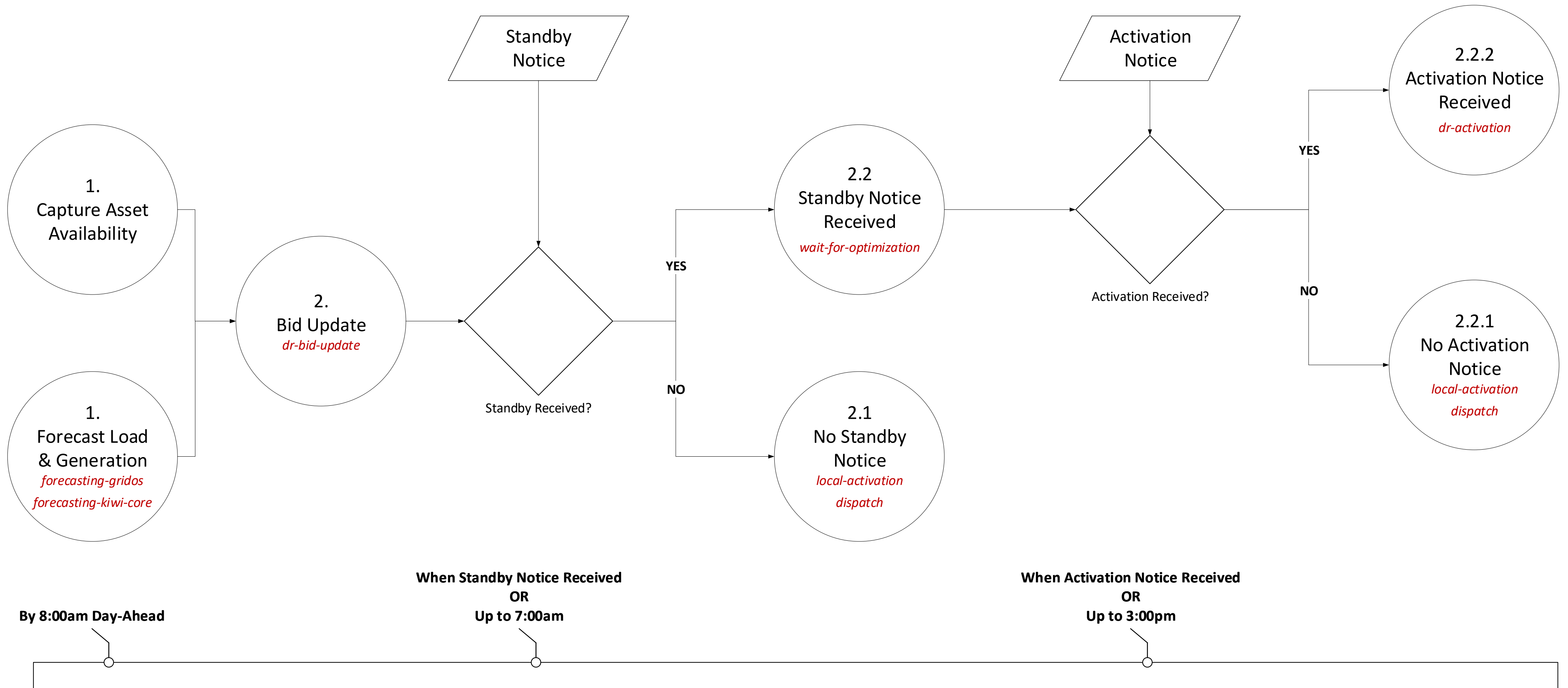


## HOW TO READ THESE PROCESS FLOW DIAGRAMS

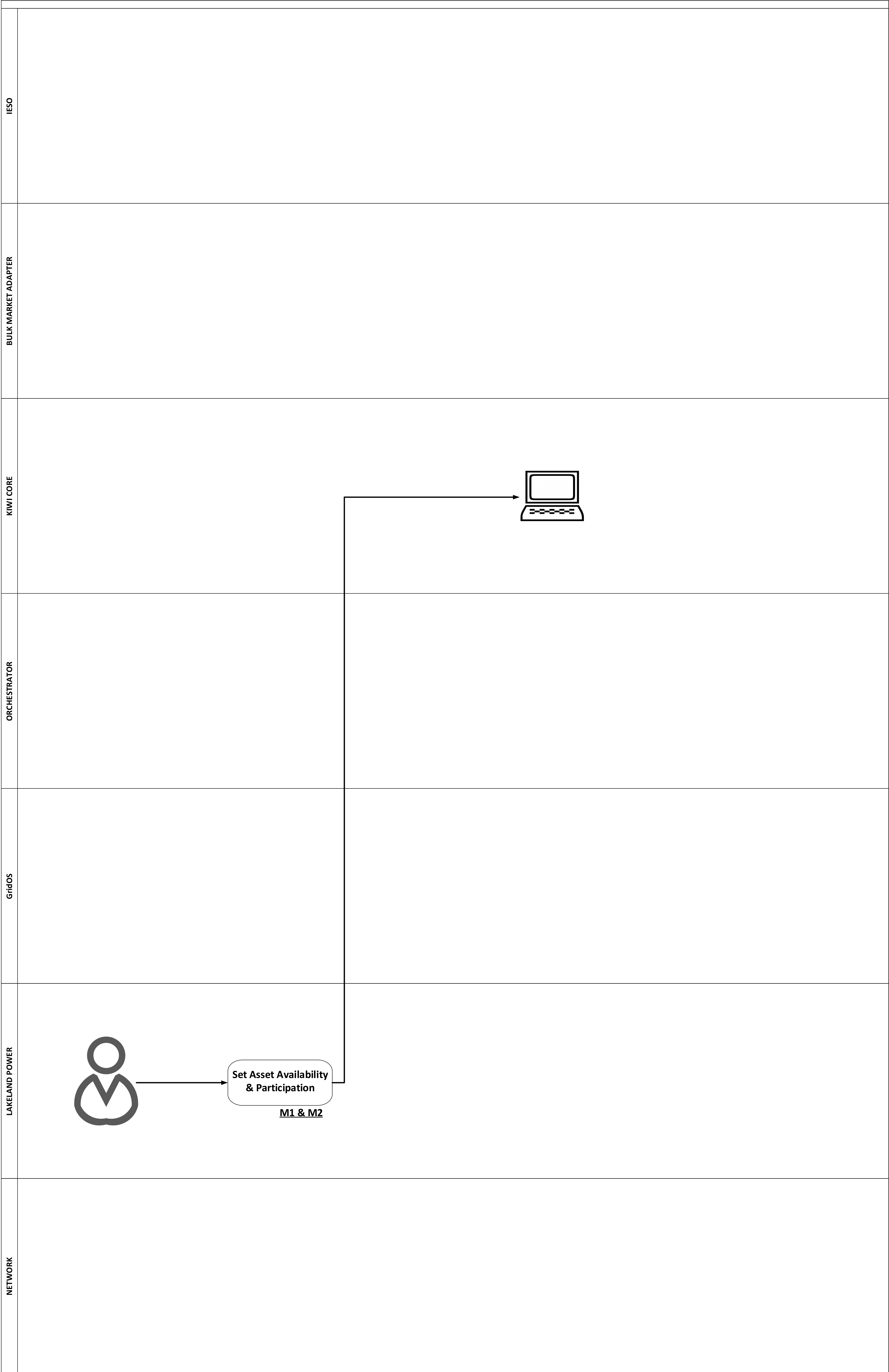
These process flow diagrams describe the flow of data between the joint product solution components in this project deployment. The process flow diagrams are tied closely to the timelines for the IESO Capacity Auction (CA) Market. The High-level timeline flow below indicates how the different processes are broken down, relative to the IESO CA timeline and the two triggers: the standby notice and the activation notice. Two data flows are independent of the IESO CA timeline and are not presented in the high-level timeline.

The *red text* indicates alignment with product data flows and the **underlined and bolded text** indicates alignment with the project use case requirements.

The swimlanes identify which components of the project solution architecture are responsible for specific data flows presented.

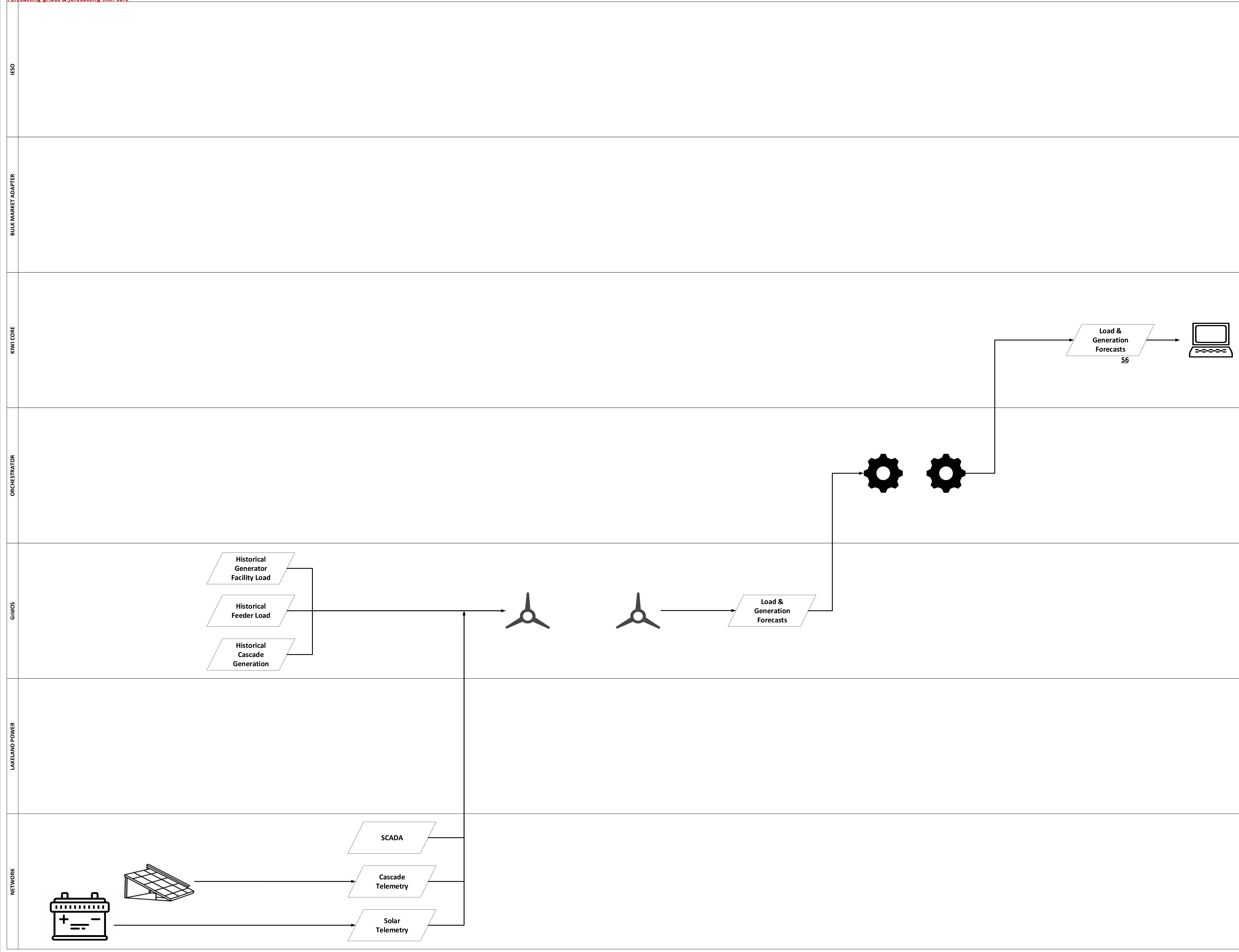


# 1. Capture Asset Availability



# 1. Forecast Load & Generation

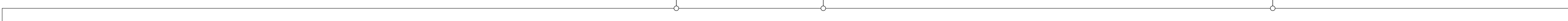
*Forecasting-gridos & forecasting-kiwi-core*



12:00am Day-Ahead

12:15am Day-Ahead

By 8:00am Day-Ahead



# 1- Bid Update

dr-bid-update

ISO

BULK MARKET ADAPTER

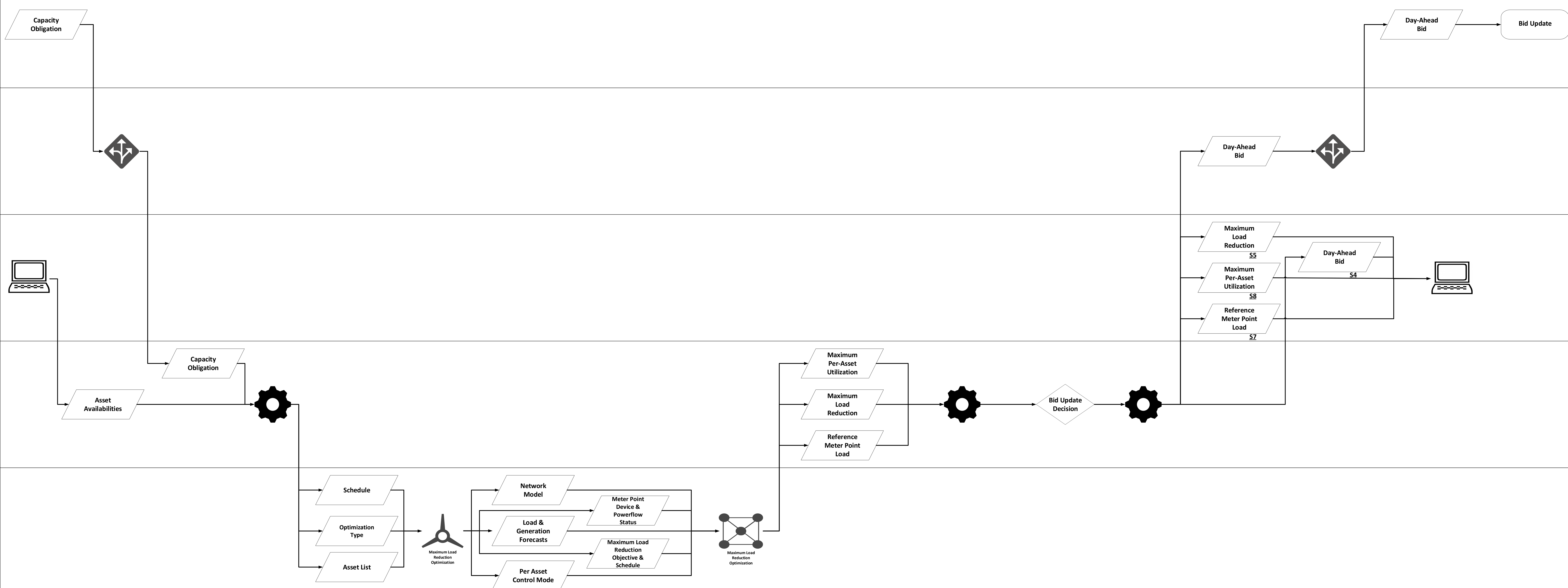
RMW CORE

ORCHESTRATOR

GRIDS

LAKELAND POWER

NETWORK

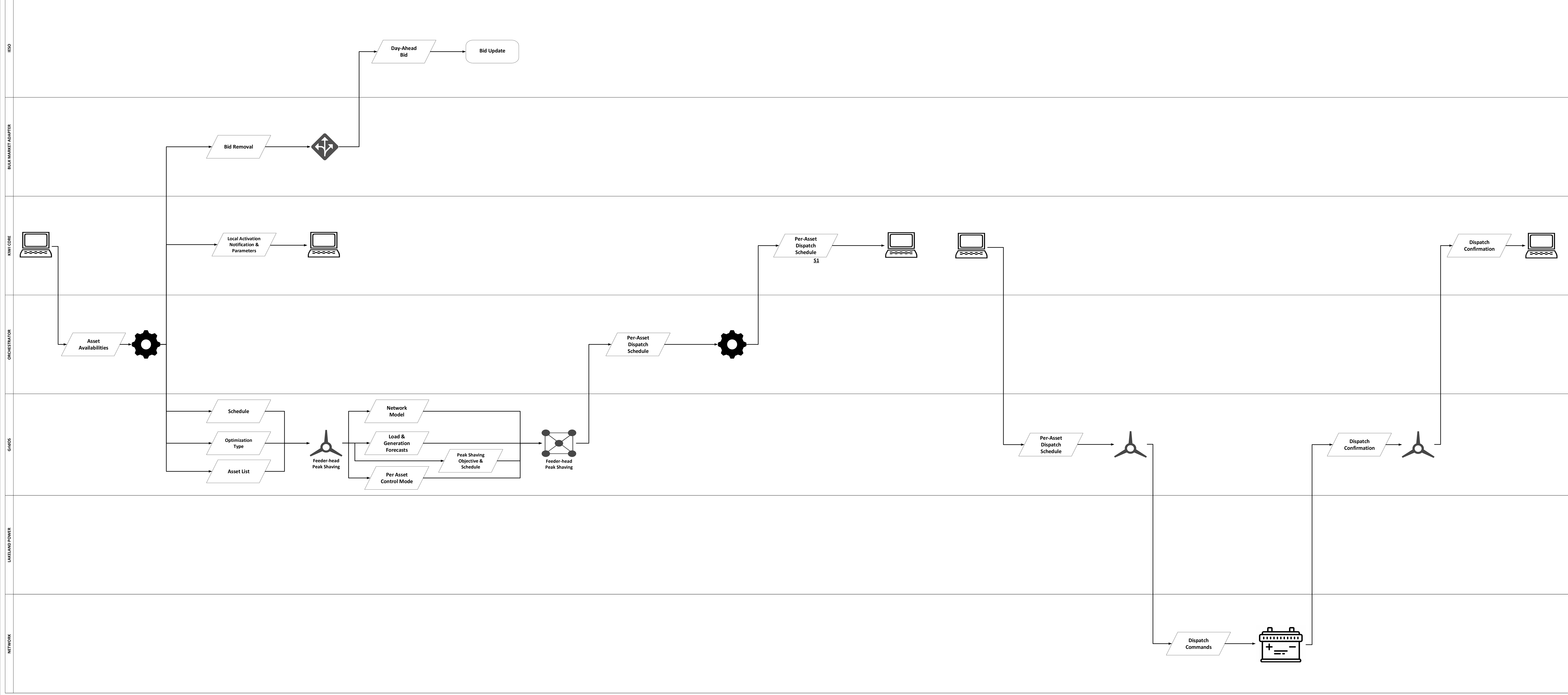


By 8:00am

By 10:00am Day-Ahead

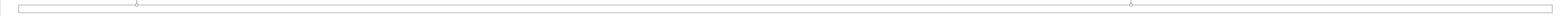
# 2.1 – No Standby Notice

Local activation & dispatch



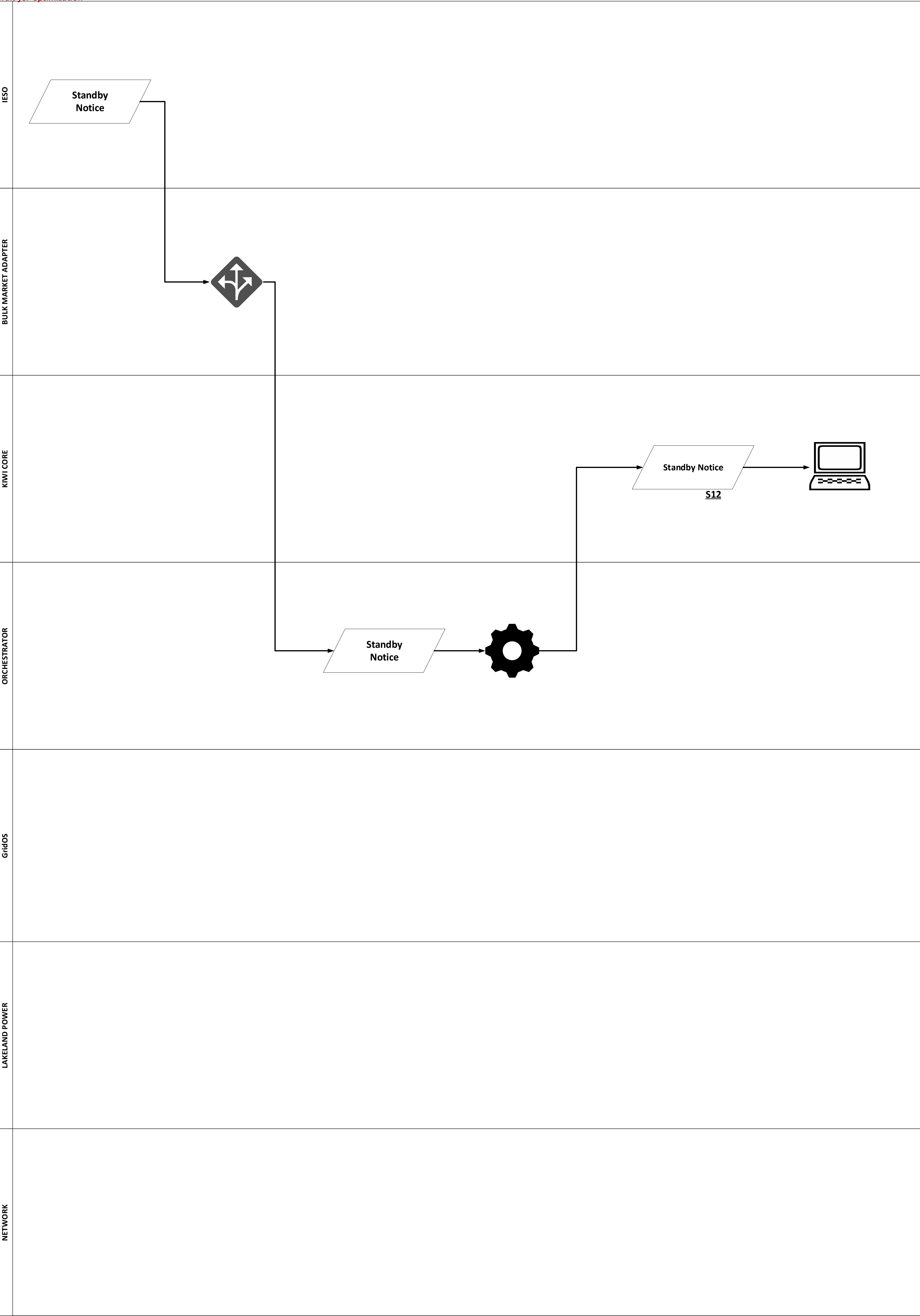
7:05am Day-Of

10:00am Day-Of

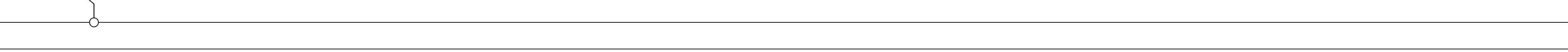


# 2.2 - Standby Notice Received

*wait-for-optimization*

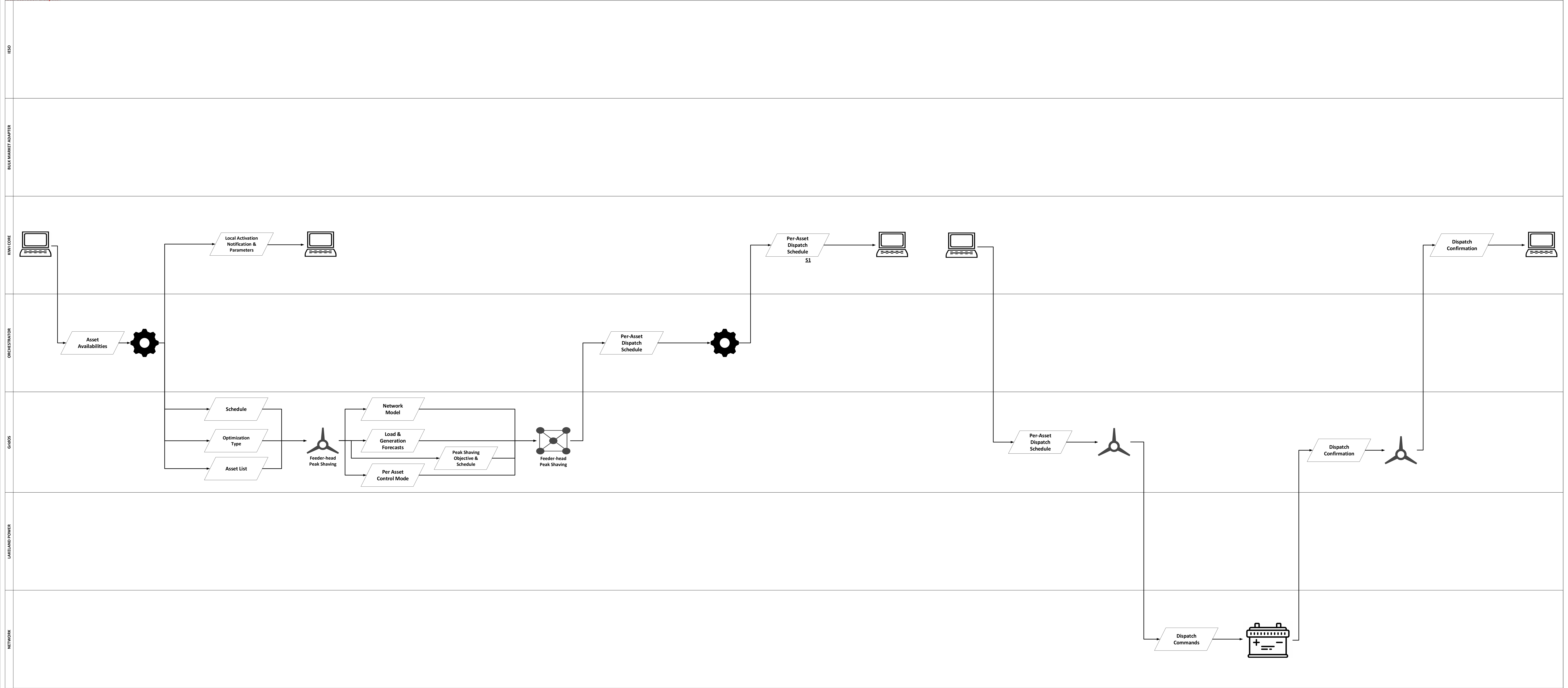


By 7:00am Day-Of



## 2.2.1 – No Activation Notice

local-activation & dispatch

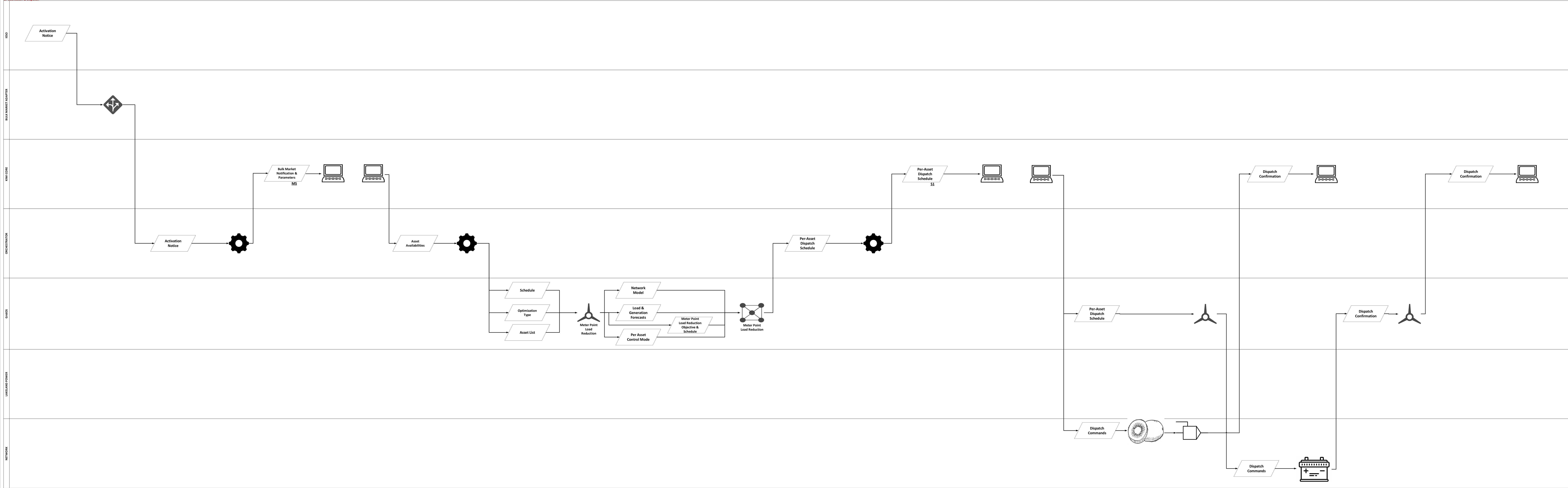


3:05am Day-Of

6:00pm Day-Of

## 2.2.2 – Activation Notice Received

for activation & dispatch

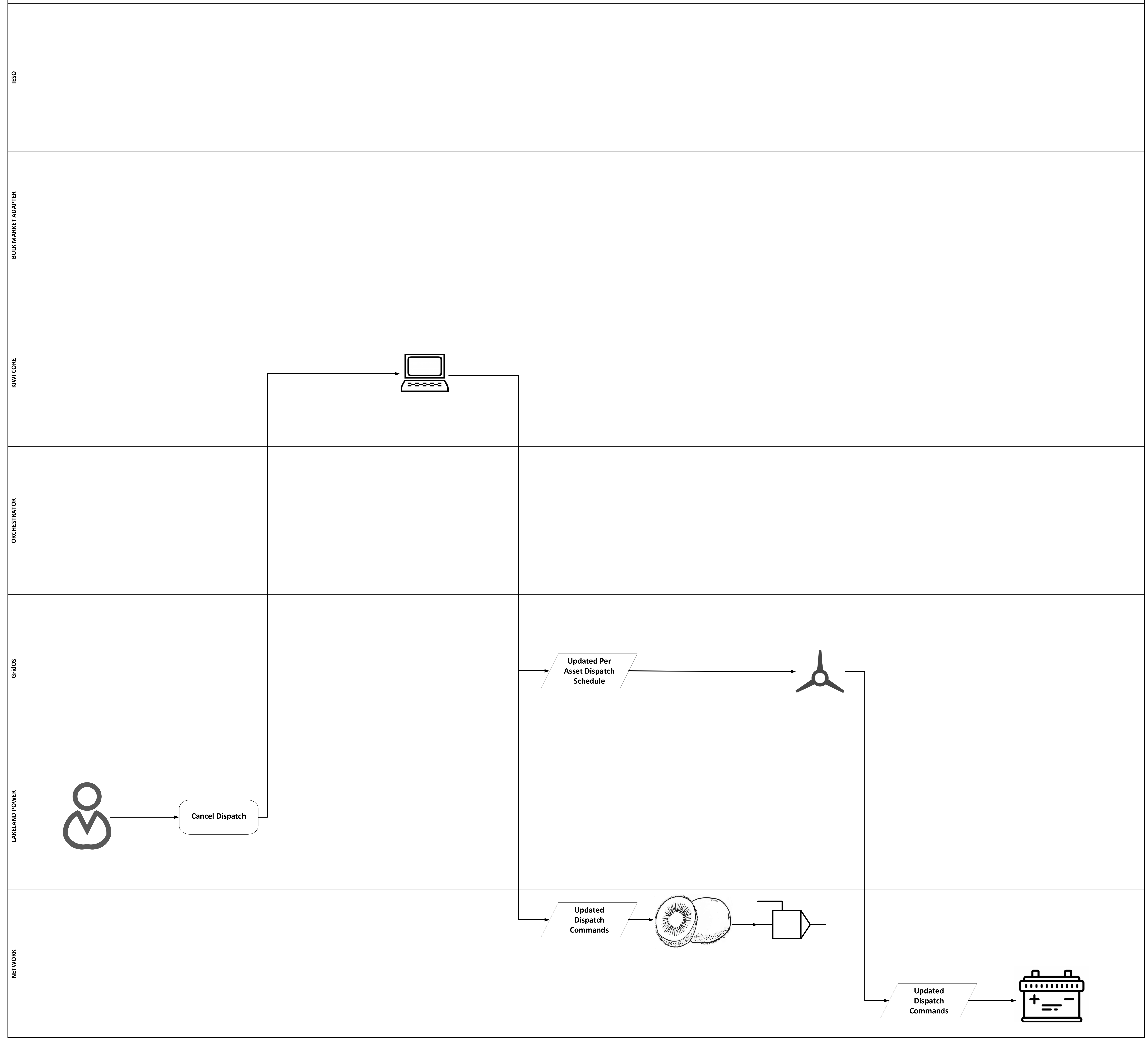


10:00am – 3:00pm Day-Of

Starting 12:00pm Day-Of



# Dispatch Canceled



# Measurements Displayed

IESO

BULK MARKET ADAPTER

KIWI CORE

ORCHESTRATOR

GridOS

LAKELAND POWER

NETWORK

