

On **Tuesday, November 28, 2006 at 17:00 EST**, the Enhanced Energy Scheduler (EES) application will undergo a 15-minute maintenance outage. As a part of this outage, several enhancements will be implemented as follows:

I. EES Tag/Reservation Report

By request, a new column will be added to the EES Tag/Reservation Report that will display the acronym of the company who owns the ramp reservation attached to the specified tag. For most users, this column will simply display their own acronym; however, those who utilize the Financially Responsible Party (FRP) Approval functionality will potentially see an acronym other than their own.

For example, the following screenshot is of a report generated by a company (APSE) who has submitted three tags which required FRP Approval from other companies (PECOEN, ACEET, SETCEE). In each case, the report displays the ultimate owner of the ramp reservation as opposed to the acronym of the company who initially submitted the tag.



Tag Id	Ramp Name	Owner	Ramp Status	Oasis Id	Start Date	Stop Date	Actual MW
ACA_APSECOMP0151_PJM	NYIS2234	PECOEN	Approved	123456	Thu Aug 24 16:00:00 EDT 2006	Thu Aug 24 23:00:00 EDT 2006	10.0
ACA_APSECOMP0152_PJM	NYIS2235	ACEET	Approved	123456	Thu Aug 24 16:00:00 EDT 2006	Thu Aug 24 23:00:00 EDT 2006	10.0
ACA_APSECOMP0153_PJM	NYIS2236	SETCEE	Approved	123456	Thu Aug 24 16:00:00 EDT 2006	Thu Aug 24 23:00:00 EDT 2006	10.0

The following partial XML example illustrates the implementation of the 'owner' tag.

```

<?xml version="1.0" standalone="no" ?>
- <ees xmlns:xsd="http://www.w3.org/2001/XMLSchema-instance" xsd:noNamespaceSchemaLocation="eesTagReports.xsd">
- <!-- A copy of the eesTagReports.xsd can be found in the EES File Download Specifications document. -->
- <tagres>
  <tag_id>ACA_APSECOMP0151_PJM</tag_id>
  <rampres_name>NYIS2234</rampres_name>
  <owner>PECOEN</owner>
  <rampres_status>Approved</rampres_status>
  <implemented_mw>10.0</implemented_mw>
  <oasis_id>123456</oasis_id>
  <start_date>Thu Aug 24 16:00:00 EDT 2006</start_date>
  <stop_date>Thu Aug 24 23:00:00 EDT 2006</stop_date>
</tagres>

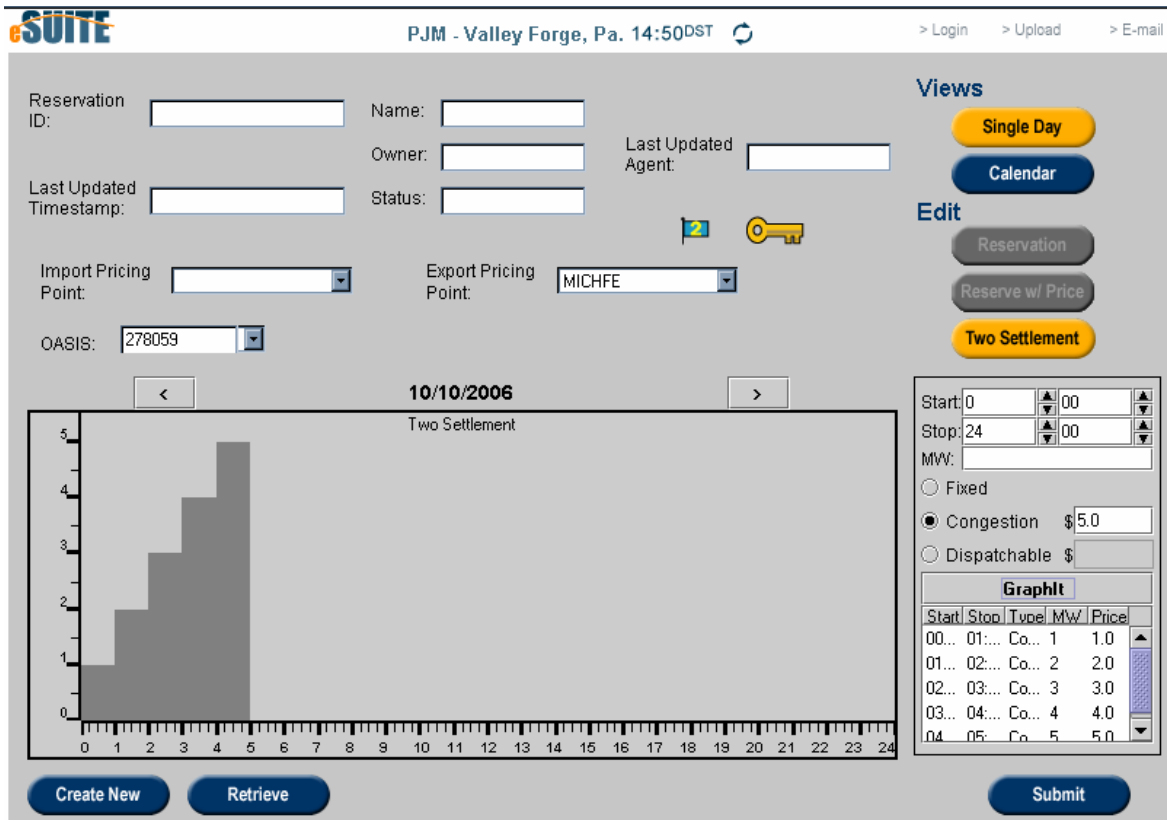
```

II. Two-Settlement Varying Price Profile

In the past, the EES Market User Interface (MUI) would only allow the creation of two-settlement schedules with varying price profiles if the user graphed the first energy/price interval, submitted the schedule, and then graphed and submitted the next energy/price interval, and so on. Now, a varying-price profile can be completely graphed all at once without the need for multiple submissions.

For example:

In the following screenshot, five energy intervals, each with a different price, have been graphed without the need to press the Submit button.



The screenshot displays the PJM - Valley Forge, Pa. 14:50DST interface. The main area shows a graph titled "Two Settlement" for the date 10/10/2006. The graph plots energy intervals with varying prices over a 24-hour period. The y-axis represents price (0 to 5) and the x-axis represents time (0 to 24). The graph shows five distinct energy intervals with increasing prices: Interval 1 (0-1h, price ~1.0), Interval 2 (1-2h, price ~2.0), Interval 3 (2-3h, price ~3.0), Interval 4 (3-4h, price ~4.0), and Interval 5 (4-5h, price ~5.0). The rest of the day (5-24h) shows zero energy.

Configuration options on the right include:

- Views:** Single Day, Calendar
- Edit:** Reservation, Reserve w/ Price, Two Settlement
- Start/Stop:** Start: 0:00, Stop: 24:00
- MW:** (empty field)
- Options:**
 - Fixed
 - Congestion \$5.0
 - Dispatchable \$
- GraphIt Table:**

Start	Stop	Type	MW	Price
00...	01:...	Co...	1	1.0
01...	02:...	Co...	2	2.0
02...	03:...	Co...	3	3.0
03...	04:...	Co...	4	4.0
04...	05:...	Co...	5	5.0

Buttons at the bottom include "Create New", "Retrieve", and "Submit".



III. Two-Settlement Wheel Schedules

In the past, the EES MUI would only allow the submission of two-settlement wheel schedules that had the 'Congestion' radio button selected and a rate specified. Now, both 'Fixed' and 'Congestion' rate-types for wheel schedules will be permitted; however, the dispatchable rate-type will still not be a valid option.

IV. Two-Settlement Schedule Withdrawal

In order to make the process of retracting/canceling two-settlement bids easier, a "Withdraw Two-Settlement" button will be added to the MUI. In the past, users were forced to submit a zero-MW energy interval on top of the original schedule in order to make sure that the schedule was not entered into the Day-Ahead Market. Now, with the press of a button, the schedule will be moved from 'Requested' status to 'Invalid' status while still retaining the original energy profile.

Rules governing the use of the 'Withdraw Two-Settlement' button:

- a. Schedule withdrawals are bound by the same timing deadlines that govern schedule submissions. Therefore, if the day-ahead scheduling deadline has passed, the schedule may not be withdrawn.
- b. The entire schedule will be withdrawn if the 'Withdraw' button is pressed. It is not possible to withdraw a partial schedule.
- c. If any part of a multi-day schedule has previously been evaluated in the day-ahead market, the schedule may not be withdrawn. Instead, the user will need to "zero-out" the remaining intervals that should not be entered into the market.