

MIS Portlet Wireframes

Version 1.0

Prototype 2

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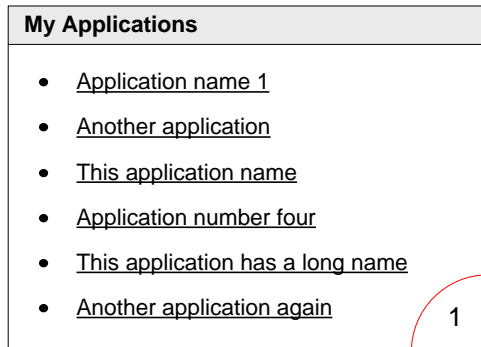
Portlet #: 1

Title: My Applications

Type: Links

Size: Narrow

Description: prepopulated with selection of applications the user has access to (launchable)



Notes:

- Determined by role
- Personalized

Wireframe(s) Appearing:

- 1. My MIS

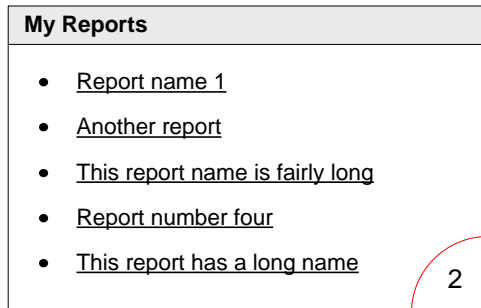
Portlet #: 2

Title: My Reports

Type: Links

Size: Narrow

Description: user specified links to reports



Notes:

- Personalized

Wireframe(s) Appearing:

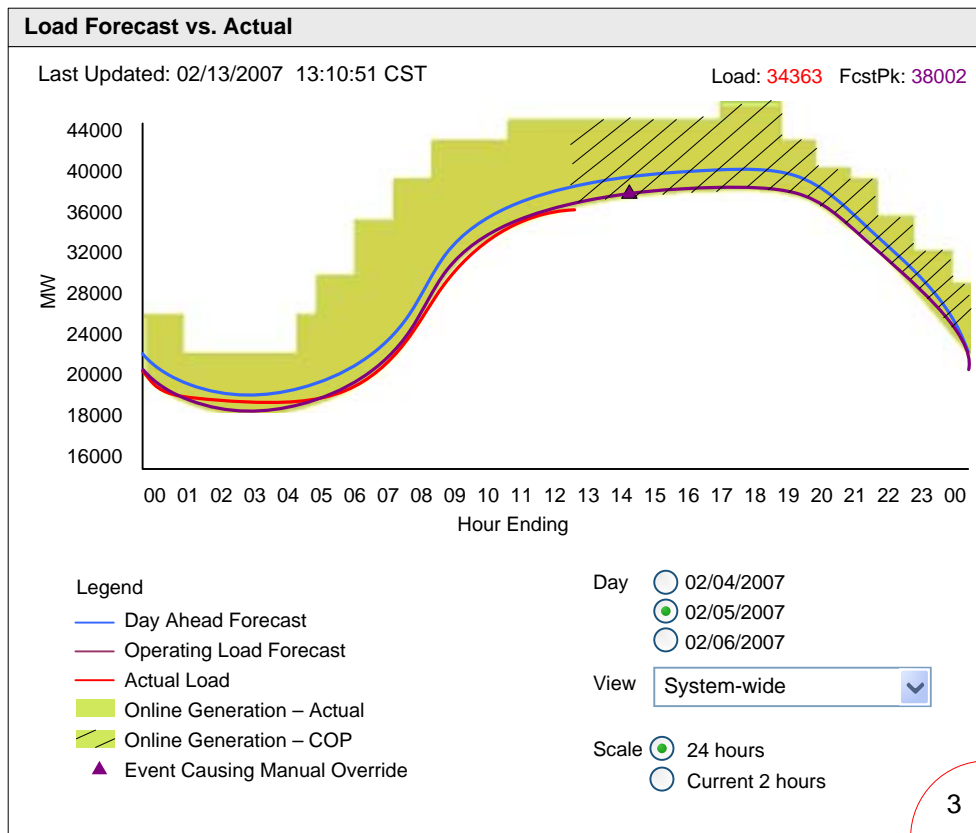
- 1. My MIS

Title: Load Forecast vs. Actual

Type: Dashboard

Size: Wide

Description: Load – system-wide and by zone. Need an indicator showing when ERCOT manually overrides the automated load forecast.



Notes:

- Data no more than 10 seconds old
- Default view is system-wide, user can select an individual load zone
Drop-down lets users select a load zone
- Default view is today.
Users can select yesterday or tomorrow
- No personalization requested
- Yesterday's would show three lines, where actual load is completed
- Tomorrow's would show two lines, since current load is in the future

Portlet #: 4

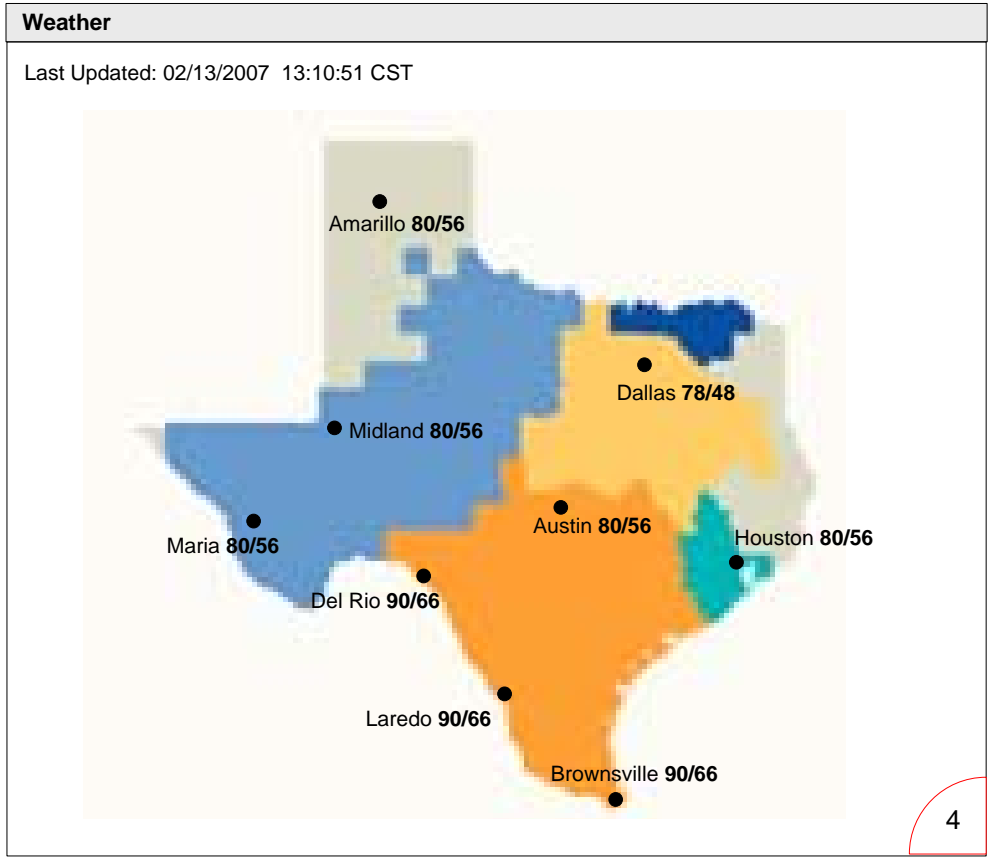
Kate Horne: 02/22/07

Title: Weather

Type: Dashboard

Size: Narrow, maybe

Description: By city and zone



Notes:

- Not personalizable

Title: LMPs

Type: Dashboard

Size: Wide

Description: Day Ahead & Real Time
By bus, hub, zone, system wide and other published aggregate prices



Notes:

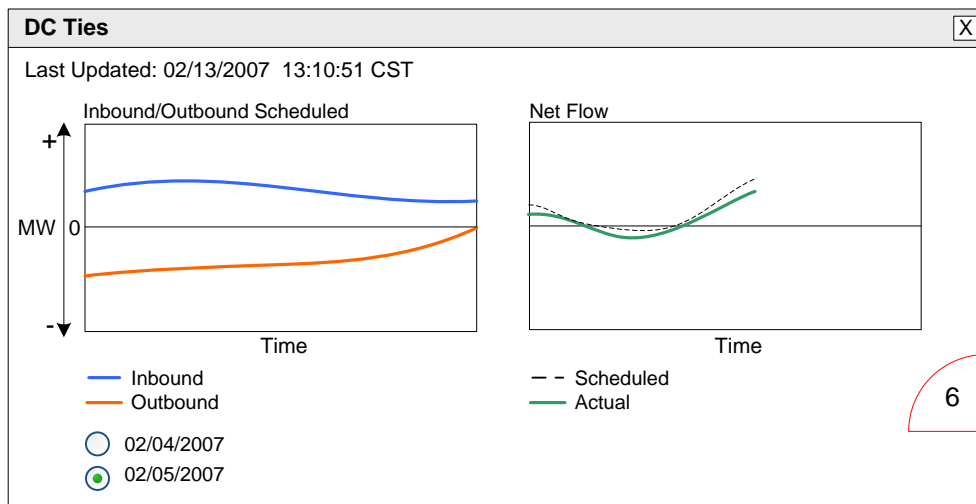
- This portlet is personalizable
- Can view time by 2, 4, 8, 12, 16 and 24 hours. Default view is current day
- Can view historical information up to 24 hours in the past.
- Users may select up to four LMPs to monitor.
- The prices at the right show the current LMP for each of the selected LMPs. Clicking the LMP ID displayed detailed information, like...?
- Clicking the ID# expands the portlet to show detailed information, including LMPs for hubs, load zones, etc., associated with selected LMP. Displays average, min., max. for each
- Detailed area (lower part of screen) may be collapsed.

Title: Imports/Exports over DC Ties

Type: Dashboard

Size: Wide

Description: Imports/Exports over the DC Ties



Notes:

- Displays last six hours
- Default display is today. Can view yesterday. Note: how many hours for yesterday?
- Not personalizable

Portlet #: 7

Kate Horne: 02/28/07

Title: Shadow Prices

Type: Dashboard

Size: Wide

Description: Shadow prices (congestion info)

Shadow Prices			EDIT
Last Updated: 02/13/2007 13:10:51 CST			
LMP	Constraint	Shadow Price	
ID#01	Line ABC overloaded	\$21.60	
ID#02		\$0.00	
ID#03		\$0.00	
ID#04	Line XYZ overloaded	\$42.66	
ID#05		\$0.00	
ID#06		\$0.00	

Notes:

- This is personalizable.
- Users can select up to 10 LMPs to monitor
- When a constraint causes a shadow price, the row is highlighted and the shadow price is displayed.

Title: LMPs Ticker

Type: Dashboard

Size: Wide

Description: A scroll bar with LMPs going across the top

DA	LMP Name/ID#	\$34.67	\$34.67	\$34.67	LMP Name/ID#
RT		\$35.14	\$35.14	\$35.14	

DA	LMP Name/ID#	\$34.67	\$34.67	\$34.67	LMP Name/ID#																				
RT		\$35.14	\$35.14	\$35.14																					
<table border="1"> <thead> <tr> <th></th> <th>Avg.</th> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>LMP ID#01</td> <td>\$34.56</td> <td>\$34.56</td> <td>\$34.56</td> </tr> <tr> <td>Hub ABC</td> <td>\$35.56</td> <td>\$35.56</td> <td>\$35.56</td> </tr> <tr> <td>Load Zone</td> <td>\$36.34</td> <td>\$36.34</td> <td>\$36.34</td> </tr> <tr> <td>Other</td> <td>\$37.34</td> <td>\$37.34</td> <td>\$37.34</td> </tr> </tbody> </table>							Avg.	Min.	Max.	LMP ID#01	\$34.56	\$34.56	\$34.56	Hub ABC	\$35.56	\$35.56	\$35.56	Load Zone	\$36.34	\$36.34	\$36.34	Other	\$37.34	\$37.34	\$37.34
	Avg.	Min.	Max.																						
LMP ID#01	\$34.56	\$34.56	\$34.56																						
Hub ABC	\$35.56	\$35.56	\$35.56																						
Load Zone	\$36.34	\$36.34	\$36.34																						
Other	\$37.34	\$37.34	\$37.34																						

Notes:

- May select up to 50 LMPs for ticker
- Double-clicking on an LMP takes you to detail for that LMP
- The detailed information can be collapsed to display only the ticker.

Portlet #: 9

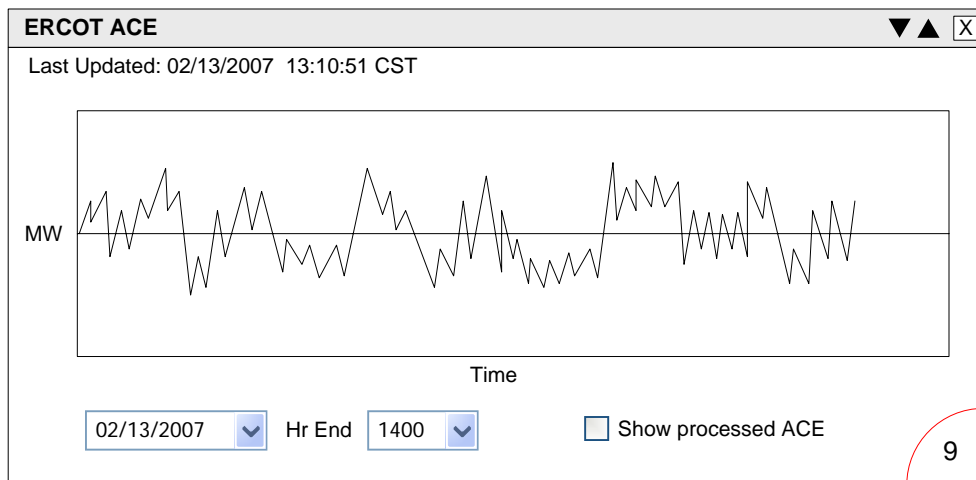
Kate Horne: 02/13/07

Title: ERCOT ACE

Type: Dashboard

Size: Wide

Description: ERCOT Area Control Error (ACE)



Notes:

- Default is current day, current hour
- Can view ACE for previous week
- Can select any hour
- This displays raw ACE. Do we also need to display processed ACE as an option?

Portlet #: 10

Kate Horne: 00/00/07

Title: ERCOT Time

Type: Timestamp?

Size: N/A

Description: Current ERCOT date and time (for people in other time zones)

Monday, December 12, 2007 : 12:34 PST

Notes:

- not really a dashboard portlet... sounds like a line in a different portlet or in the header

Wireframe(s) Appearing:

- All pages, in header

Portlet #: 11

Kate Horne: 00/00/07

Title: Load Forecasts

Type: Dashboard

Size: Wide

Description: Load forecasts long term, mid term and short term with actual loads

REDUNDANT to Portlet 3



Notes:

- Data no more than 10 seconds old
- Default view is system-wide. Drop-down lets users select a load zone
- Default view is today. Users can select yesterday or tomorrow.
- No personalization requested

- Need to verify
 - Labels
 - Using MTLF

Wireframe(s) Appearing:

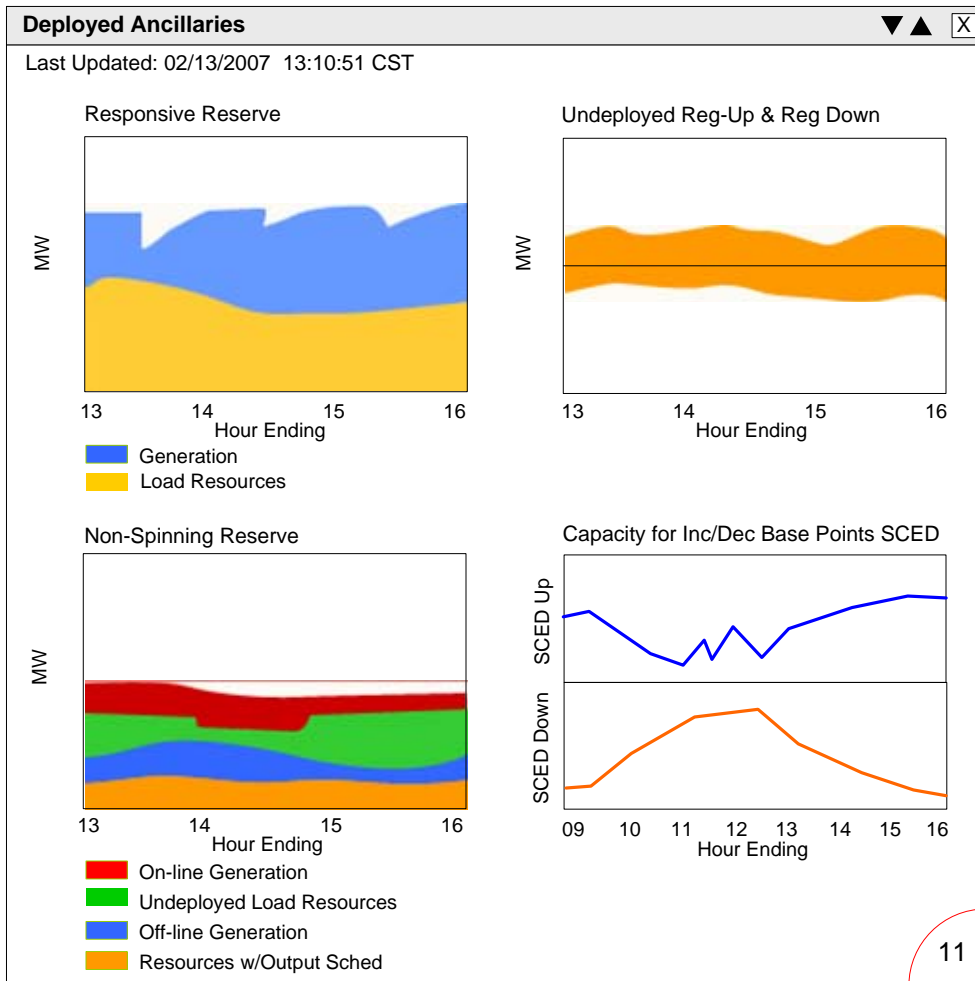
- 1. My MIS
-
- Should this live in Market Information area too?

Title: Deployed Ancillaries

Type: Dashboard

Size: Wide

Description: Deployed ancillaries



Notes:

- Default view is current day. Do you need to view previous days? If so, how many? 2 to 3 days
- Should these be separate portlets?
Yes

Portlet #: 13

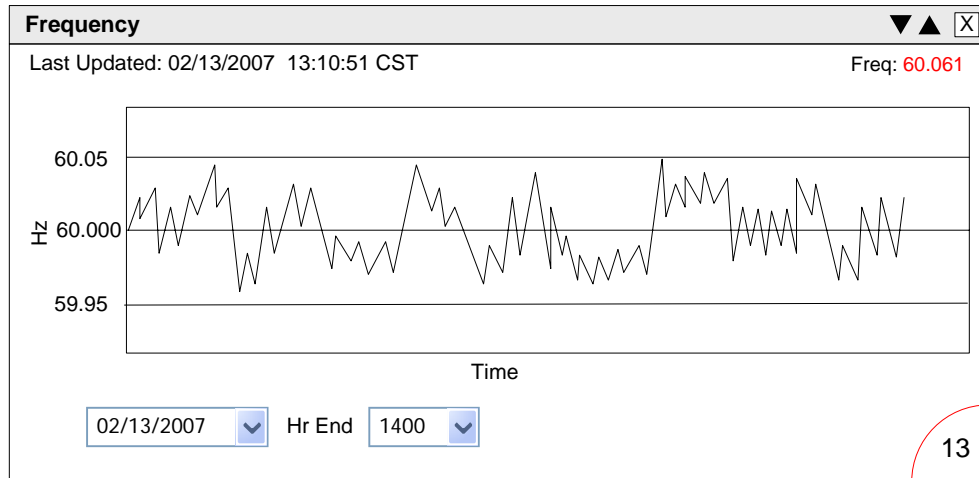
Kate Horne: 02/14/07

Title: Frequency

Type: Dashboard

Size: Wide

Description: Frequency



Notes:

- Display frequency for last 15 minutes
- Show lines for thresholds
- Need history? Yes, one day.
- No personalization

Portlet #: 14

Kate Horne: 00/00/07

Title: Ancillary Service Required

Type: Dashboard

Size: Narrow

Description: Ancillary service required by hour

Covered in #12?



Notes:

-

Wireframe(s) Appearing:

- None
-
- Should this live in Market Information area too?

Portlet #: 15

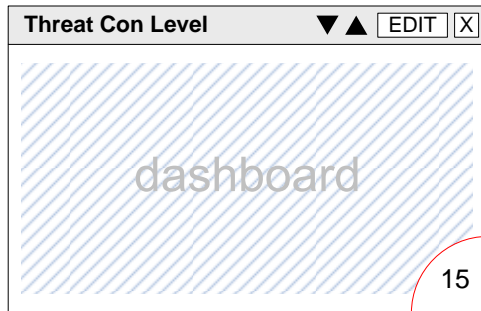
Kate Horne: 00/00/07

Title: Threat Con Level

Type: Dashboard

Size: Narrow

Description: Threat Con Level



Notes:

- Not in protocols – this is from the DOD website. Not in scope of MIS.

Portlet #: 16

Kate Horne: 00/00/07

Title: Data Connection

Type: Dashboard

Size: Narrow

Description: "We've also had the request to somehow create a visual indicator to show when the system has lost connection, so people don't think they're getting new data."

Not needed, the Last Updated info on each portlet will tell the user how recent the information was refreshed or when the data changed (technical specs TBD)



Notes:

- Isn't the time stamp on each portlet enough?

Wireframe(s) Appearing:

- None

Portlet #: 17

Kate Horne: 00/00/07

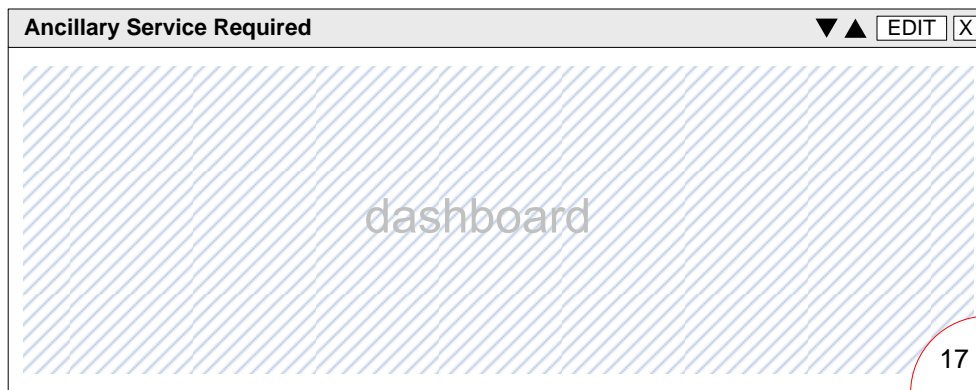
Title: Responsive Reserve Capacity

Type: Dashboard

Size: Wide

Description: - Generation Resources;

Load Resources excluding
- Controllable Load Resources;
- Controllable Load Resources;



Currently showing 17-20 as a single portlet – see #12. We'll ask subgroup if they need to be independent, unless there's a technical reason why they should be.

Notes:

- tabs

Wireframe(s) Appearing:

- None
-
- Should this live in Market Information area too?

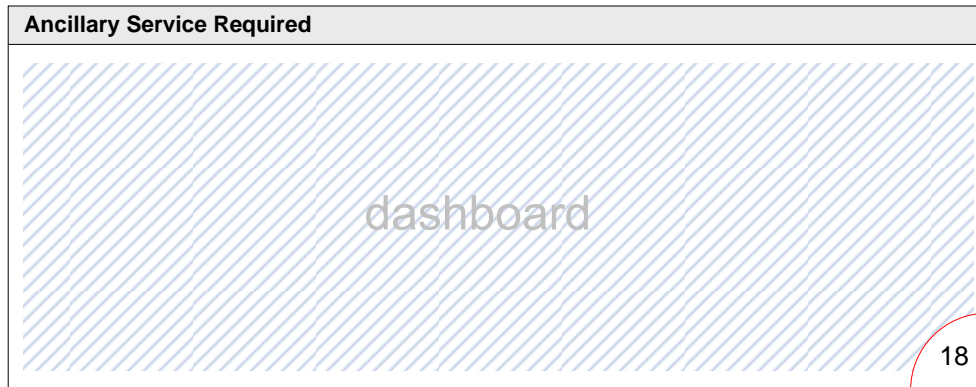
Title: Non-Spinning Reserve

Type: Dashboard

Size: Wide

Description:

- On-Line Generation Resources with Energy Offer Curves;
- undeployed Load Resources;
- Off-Line Generation Resources;
- Resources with Output Schedules;



Notes:

- tabs

Wireframe(s) Appearing:

- None
-
- Should this live in Market Information area too?

Portlet #: 19

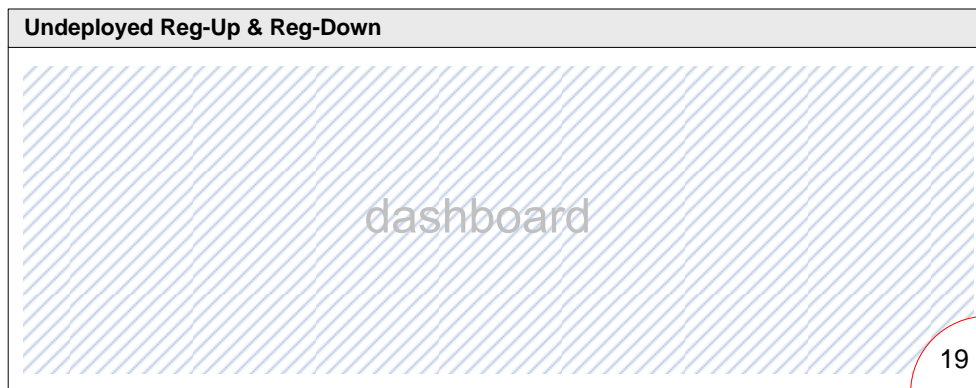
Kate Horne: 00/00/07

Title: Undeployed Reg-Up & Reg-Down

Type: Dashboard

Size: Wide

Description: ???



Notes:

-

Wireframe(s) Appearing:

- None
-
- Should this live in Market Information area too?

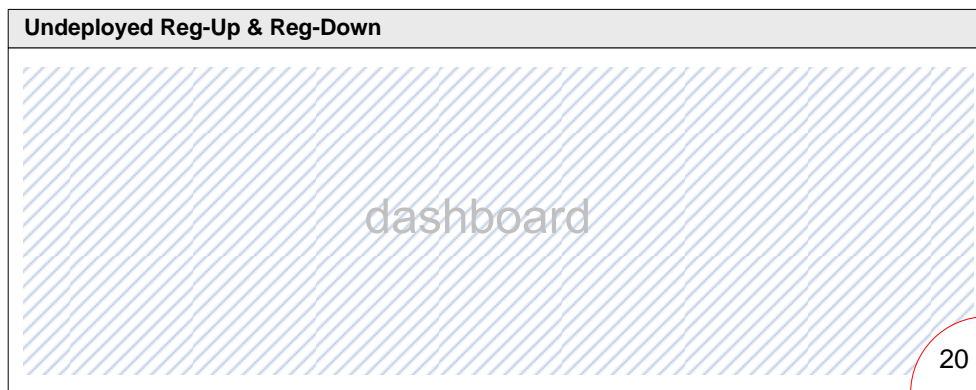
Title: Available capacity

Type: Dashboard

Size: Wide

Description: with Energy Offer Curves
- that can be used to increase Base Points in SCED;
- that can be used to decrease Base Points in SCED;

without Energy Offer Curves in the ERCOT System
- that can be used to increase Base Points in SCED;
- that can be used to decrease Base Points in SCED



Notes:

- 2 tabs?

Wireframe(s) Appearing:

- None
-
- Should this live in Market Information area too?

Portlet #: 21

Title: IN THIS SECTION

Type: Informational

Size: Full Screen Width

Description: Markets Section

List each page and either the entire list of portlets on that page, or a truncated list.

IN THIS SECTION	
<p>MARKETS</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>	<p>PAGES</p> <p><u>Day Ahead Market</u> This is the description of the Day Ahead Market Page. Description of it.</p> <p><u>Real Time Market</u> This is the description of the Real Time Market Page. Description of the page.</p>

21

Notes:

-

Wireframe(s) Appearing:

- 2. Market Information

Portlet #: 22

Title: CRR Auction

Type: List of Links

Size: Narrow

Description: Contains links Elements below
E126, E127, E128, E129, E131, E133, E135
possibly:
E132
E134

CRR Auction
<ul style="list-style-type: none">• Flowgates• Valid CRR Auction Offers• Valid CRR Auction Bids• CRR Auction Calendar• CRR Auction Results• PTP Option Values• Outstanding CRRs• CRR Ownership of Record

22

Notes:

- Determined by role
- Maybe personalized

Wireframe(s) Appearing:

- 2. Market Information

Portlet #: 23

Title: Settlements

Type: List of Links

Size: Narrow

Description: Contains links Elements below:
E138, E139, E140, E142, E143, E147, E148, E149, E151, E186

Settlements
<ul style="list-style-type: none">• Settlement Calendar• Settlement Statement• Settlement & Billing Disputes
Day Ahead Market:
<ul style="list-style-type: none">• DAM Settlement Statements• Day-Ahead Market Invoices
Real Time Market:
<ul style="list-style-type: none">• RTM Settlement Statements• RTM Invoices• RTM Late Fee Invoices

23

Notes:

-

Wireframe(s) Appearing:

- 2. Market Information

Portlet #: 24

Title: Day Ahead Market Useful Links

Type: List of Links

Size: Narrow

Description: Contains links Elements below:
E59, E61, E64, E65

Day Ahead Market Useful Links
<ul style="list-style-type: none">• DAM Pre-Validation Data• Capacity Trades• Self Schedules• CRR Offers

24

Notes:

-

Wireframe(s) Appearing:

- 2. Market Information
- 2.1 Day Ahead Market

Portlet #: 25

Title: Energy Offers & Trades

Type: List of Links

Size: Narrow

Description: Contains links Elements below:
E63, E71, E73, E74

Energy Offers & Trades
<ul style="list-style-type: none">• Energy Trades• Energy Offer Curves• DAM Energy-Only Offers• DAM Energy Bids



Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 26

Title: Ancillary Service Trades

Type: List of Links

Size: Narrow

Description: Contains links Elements below:
E67, E69

Ancillary Service Trades
<ul style="list-style-type: none">• Confirmed Ancillary Service Offers• Confirmed Ancillary Service Trades

26

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 27

Title: PTP Obligation Bid

Type: Download Table

Size: Wide

Description: continuous display of PTP Obligation Bid

PTP Obligation Bid		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 27

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 28

Title: Valid Startup and Minimum-Energy Offers

Type: Download Table

Size: Wide

Description: continuous display of valid Startup Offers and Minimum Energy Offers

Valid Startup and Minimum-Energy Offers		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 28

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 29

Title: Day-Ahead MCPC

Type: Download Table

Size: Wide

Description: for each type of Ancillary Service for each hour of the operating day

Day Ahead MCPC		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 29

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 30

Title: Day-Ahead Settlement Point Prices

Type: Download Table

Size: Wide

Description: for each settlement point for each hour of the operating day

Day Ahead Settlement Point Prices		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 30

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 31

Title: Day-Ahead Hourly LMPs

Type: Download Table

Size: Wide

Description: for each electrical bus for each hour of the operating day

Day Ahead Hourly LMPs		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 31

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 32

Title: Day-Ahead Shadow Prices

Type: Download Table

Size: Wide

Description: for every binding constraint for each hour of the operating day

Day Ahead Shadow Prices		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 32

Notes:

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Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 33

Title: Day-Ahead Ancillary Service Offers

Type: Download Table

Size: Wide

Description: in MW by AS type for each hour of the operating day

Day Ahead Ancillary Service Offers		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 33

Notes:

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Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 34

Title: Day-Ahead Total Energy Bought

Type: Download Table

Size: Wide

Description: in MWh by at each settlement point for each AS type for each hour of the operating day

Day Ahead Total Energy Bought		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 34

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 35

Title: Day-Ahead Total Energy Sold

Type: Download Table

Size: Wide

Description: in MWh by at each settlement point for each AS type for each hour of the operating day

Day Ahead Total Energy Sold		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 35

Notes:

-

Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 36

Title: Aggregated Ancillary Service Offer Curve

Type: Download Table

Size: Wide

Description: of all AS offers for each type of AS for each hour of the operating day

Aggregated Ancillary Service Offer Curve		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 36

Notes:

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Wireframe(s) Appearing:

- 2.1 Day Ahead Market

Portlet #: 37

Title: Real Time Market Useful Links

Type: List of links

Size: Narrow

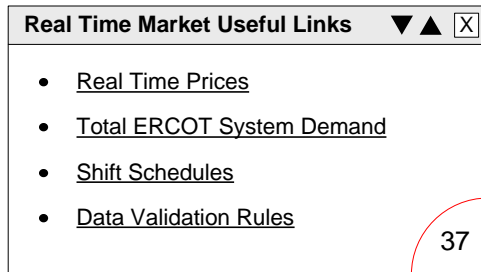
Description: Contains links Elements below:

E86

E88

E95

E97



Notes:

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Wireframe(s) Appearing:

- 2. Market Information
- 2.2 Real Time Market
-
- Also shown on My MIS for demo purposes

Portlet #: 38

Title: Real Time Prices Parameters

Type: Download Table

Size: Wide

Description: Parameters as required by Section 6.4.8

Real Time Prices Parameters		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 38

Notes:

- what do the parameters look like?
- How many to list?

Wireframe(s) Appearing:

- 2.2 Real Time Market
-
- Also show on My MIS page for demo purposes

Portlet #: 39

Title: Changes in ERCOT System Conditions

Type: Download Table

Size: Wide

Description: Changes in ERCOT System conditions

Changes in ERCOT System Conditions		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 39

Notes:

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Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 40

Title: Transmission Facilities Status

Type: Download Table

Size: Wide

Description: Changes or potential changes in the status of transmission facilities

Transmission Facilities Status		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 40

Notes:

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Wireframe(s) Appearing:

- 2.2 Real Time Market

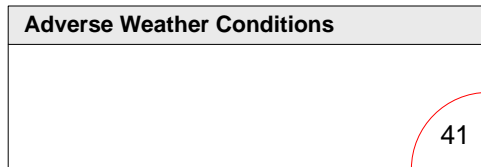
Portlet #: 41

Title: Adverse Weather Conditions

Type: data

Size: Narrow

Description: Adverse Weather Conditions



Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 42

Title: System-Wide Load Forecasts

Type: Download Table

Size: Wide

Description: System-Wide Load Forecasts

System-Wide Load Forecasts		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 42

Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 43

Title: RMR Services Quantities

Type: Download Table

Size: Wide

Description: for each hour of operating day

RMR Services Quantities		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 43

Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 44

Title: Updated Electrical Bus Load Distribution Factors

Type: Download Table

Size: Wide

Description: for each hour of operating day and all hours of next operating day

Updated Electrical Bus Load Distribution Factors		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 44

Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 45

Title: SASM MCPC

Type: Download Table

Size: Wide

Description: for each type of Ancillary Service for each hour, questionable prices are flagged

SASM MCPC		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 45

Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 46

Title: Total Ancillary Service

Type: Download Table

Size: Wide

Description: procured in MW by AS type for each hour

Total Ancillary Service		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 46

Notes:

- duplicate of 45?

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 47

Title: Aggregated Ancillary Service Offer Curve

Type: Download Table

Size: Wide

Description: procured in MW by AS type for each hour



Aggregated Ancillary Service Offer Curve		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 47

Notes:

- DUPE of 36

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 48

Title: Dispatch Instruction Limitations

Type: Download Table

Size: Wide

Description: procured in MW by AS type for each hour

Dispatch Instruction Limitations		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 48

Notes:

-

Wireframe(s) Appearing:

- 2.2 Real Time Market

Portlet #: 49

Title: IN THIS SECTION

Type: Informational

Size: Full Screen Width

Description: Grid Section

List each page and either the entire list of portlets on that page, or a truncated list.

IN THIS SECTION	
<p>GRID</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper.</p>	<p>PAGES</p> <p><u>Real Time Operations</u> This is the description of the page named to the left. Description.</p> <p><u>Generation</u> This is the description of the page named to the left. Description of the page.</p> <p><u>Load</u> This is the description of the page named to the left, to tell what it is. Description of it.</p> <p><u>Transmission</u> This is the description of the page named to the left. Description of the page.</p> <p><u>Model Information</u> This is the description of the page named to the left. Description of it.</p>

Notes:

-

Wireframe(s) Appearing:

- 3. Grid Information

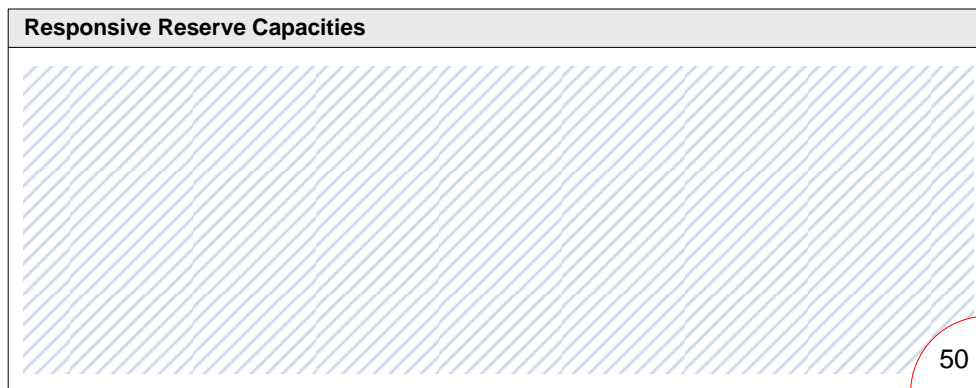
Portlet #: 50

Title: Responsive Reserve Capacities

Type: Data

Size: Wide

Description: - Generation Resources
- Load Resources



Notes:

- Tabs?

Wireframe(s) Appearing:

- 3.1. Real Time Operations

Portlet #: 51

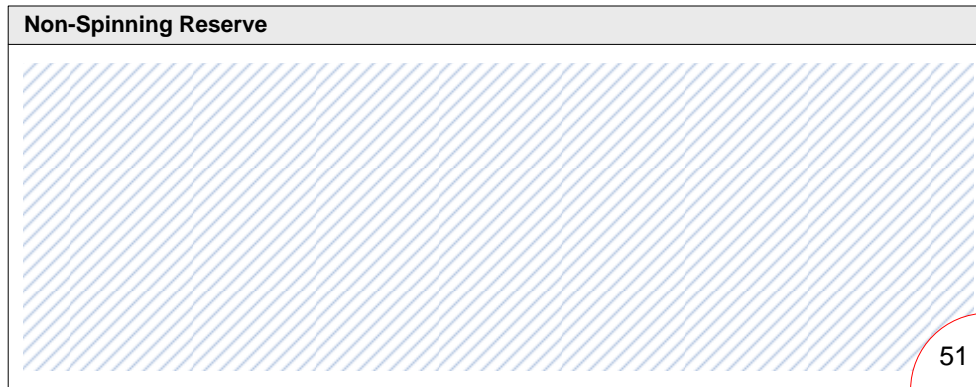
Title: Non-Spinning Reserve

Type: Data

Size: Wide

Description:

- On-Line Generation Resources
- Undeployed Load Resources
- Off-Line Generation Resources
- Resources with Output Schedules



Notes:

- Tabs?

Wireframe(s) Appearing:

- 3.1. Real Time Operations

Portlet #: 52

Title: Undeployed

Type: Data

Size: Wide

Description: - Undeployed Reg-Up
- Undeployed Reg-Down



Notes:

- Tabs?

Wireframe(s) Appearing:

- 3.1. Real Time Operations

Portlet #: 53

Title: Available Capacity

Type: Data

Size: Wide

Description:

- with AND without offer curves
- to increase Base Points in SCED
- to decrease Base Points in SCED



Notes:

- Tabs?

Wireframe(s) Appearing:

- 3.1. Real Time Operations

Portlet #: 54

Title: Security Violations and Binding Transmission Constraints

Type: Download Table

Size: Wide

Description: describe the limiting element

Security Violations and Binding Transmission Constraints		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 54

Notes:

- Tabs?

Wireframe(s) Appearing:

- 3.1. Real Time Operations

Portlet #: 55

Title: Aggregated Resource Outages

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E18, E19

Aggregated Resource Outages
<ul style="list-style-type: none">• Aggregated Resource Outages• Upcoming Aggregated Resource Outages

55

Notes:

-

Wireframe(s) Appearing:

- 3.2 Generation

Portlet #: 56

Title: RMR Information

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E46, E48, E49, E50

RMR Information
<ul style="list-style-type: none">• RMR Information• RMR Agreement Data• RMR Alternatives• RMR Requests for Deviation

56

Notes:

-

Wireframe(s) Appearing:

- 3.2 Generation

Portlet #: 57

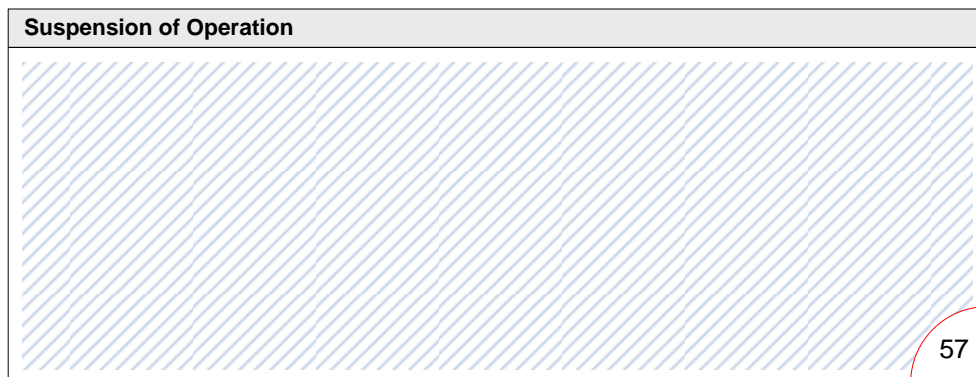
Title: Suspension of Operation

Type: Table and list of links??

Size: Wide?

Description:

- posting of received Notifications of suspension of operation
- comments received from MPs
- ERCOT's determination
- "Part II" Information
- links to all existing relevant studies and data Word Docs
- also a notice??



Notes:

-

Wireframe(s) Appearing:

- 3.2. Generation

Portlet #: 58

Title: Generation Useful Links

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E167, E54. E55, E57, E17, E44

Generation Useful Links
<ul style="list-style-type: none">• MP-specific Generation Data• Competitive Constraints• Ancillary Service Plan• WGRPP Forecasts• Resource Capacity Deficiencies• ERCOT Wind Forecasts

58

Notes:

-

Wireframe(s) Appearing:

- 3. Grid Information
- 3.2 Generation

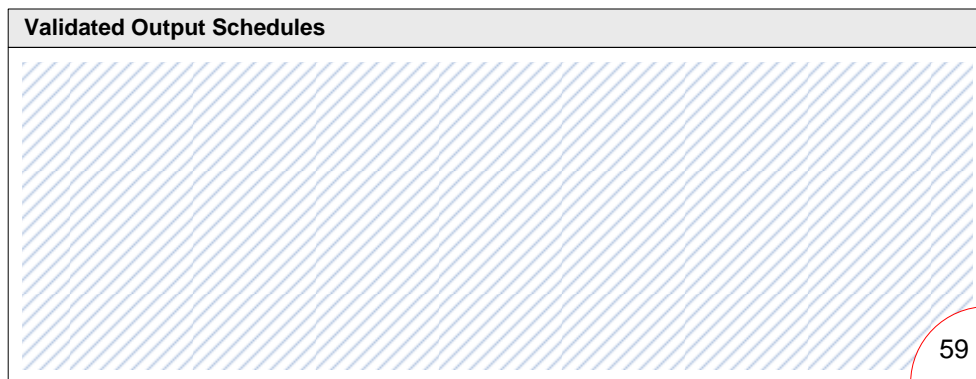
Portlet #: 59

Title: Validated Output Schedules

Type: Table and list of links??

Size: Wide

Description: a QSEs particular validation schedule



Notes:

-

Wireframe(s) Appearing:

- 3.2. Generation

Portlet #: 60

Title: Total Generation Data

Type: Download Table

Size: Wide

Description: total generation, total AML

Total Generation Data		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 60

Notes:

-

Wireframe(s) Appearing:

- 3.2. Generation

Portlet #: **61**

Title: Load Useful Links

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E15, E56, E183, E184

Load Useful Links
<ul style="list-style-type: none">• Demand Forecasts• Load Ratio Share• Load Profile ID Tables• IDR Mandatory Installation Threshold Reports

61

Notes:

-

Wireframe(s) Appearing:

- 3. Grid Information
- 3.3 Load

Portlet #: 62

Title: Mid-Term Load Forecast

Type: Download Table

Size: Wide

Description: Hourly post about forecasted load over next 168 hours, by weather zone

Mid-Term Load Forecast		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 62

Notes:

-

Wireframe(s) Appearing:

- 3.3. Load

Portlet #: 63

Title: Long-Term Load Forecast

Type: Graphic?

Size: Wide?

Description: Daily post about forecasted load over next 365 days, by weather zone



Notes:

-

Wireframe(s) Appearing:

- 3.3. Load

Portlet #: 64

Title: Load Profiles

Type: Download Table

Size: Wide

Description: - links to load profiles
- link to archive

Load Profiles		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 64

Notes:

- (last week, perhaps, and link to archive)

Wireframe(s) Appearing:

- 3.3. Load

Portlet #: 65

Title: Validation Tests

Type: Download Table

Size: Wide

Description: - links to load profiles
- link to archive

Validation Tests		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 65

Notes:

- should this be split in two?

Wireframe(s) Appearing:

- 3.3. Load

Portlet #: 66

Title: Transmission Useful Links

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E22, E32, E195

Transmission Useful Links
<ul style="list-style-type: none">• Buses Information• Transmission Elements• Planning - Transmission Reliability Testing Contingency List

66

Notes:

-

Wireframe(s) Appearing:

- 3. Grid Information
- 3.4 Transmission

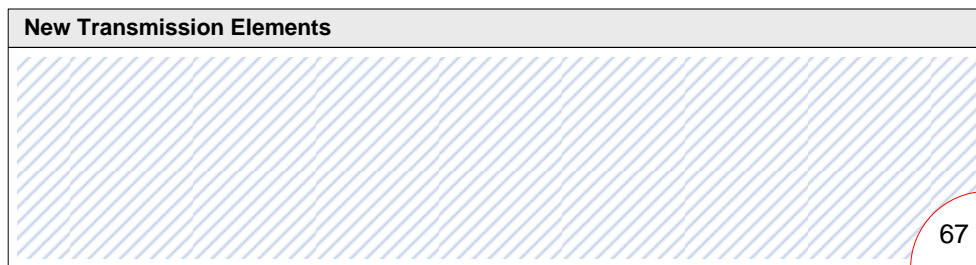
Portlet #: 67

Title: New Transmission Elements

Type: Links?

Size: Wide?

Description: summary level info about new transmission elements



Notes:

-

Wireframe(s) Appearing:

- 3.4 Transmission

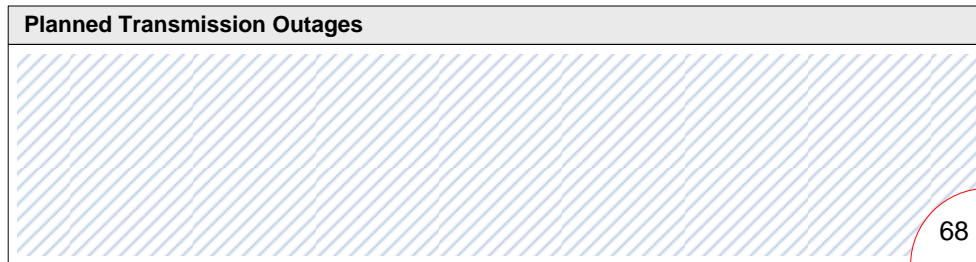
Portlet #: 68

Title: Planned Transmission Outages

Type: Link?

Size: Wide?

Description: Schedule of maintenance, planned outages



Notes:

- show as proposed and approved

Wireframe(s) Appearing:

- 3.3. Load

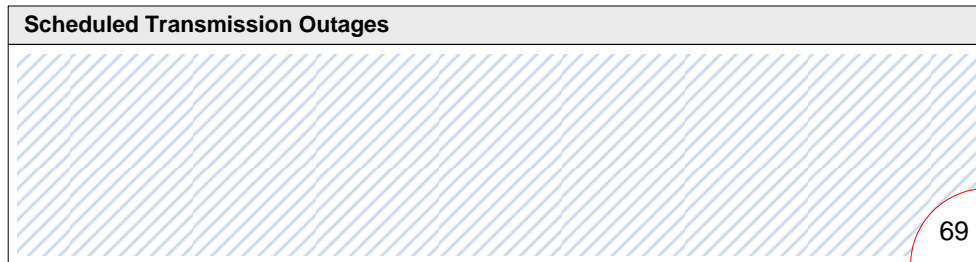
Portlet #: 69

Title: Scheduled Transmission Outages

Type: Link?

Size: Wide?

Description: Schedule of maintenance, Scheduled outages



Notes:

- show as proposed and approved

Wireframe(s) Appearing:

- 3.3. Load

Portlet #: 70


Title: Loss Factors

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E170, E171

Loss Factors
<ul style="list-style-type: none">• Distribution Loss Factors• Transmission Loss Factors



Notes:

-

Wireframe(s) Appearing:

- 3.4 Transmission

Portlet #: 71

Title: Network Model Information

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E23, E24, E25, E33, E35, E27, E39

Network Model Information
<ul style="list-style-type: none">• Network Model• Equipment Ratings• Equipment Ratings Methodology• Transformers• SPSs and RAPs• Model Ratings• Transmission Elements List• Electrical Buses per Hub

71

Notes:

- links to network model things

Wireframe(s) Appearing:

- 3.5 Model Information

Portlet #: 72

Title: Transmission Model

Type: List of links

Size: Narrow

Description: - link to transmission model
- submittal schedule for updating transmission info
- link to SSWG Procedure Manual

Transmission Model
<ul style="list-style-type: none">• Transmission Model• Submittal Schedule• SSWG Procedure Manual (file)

72

Notes:

- what does a transmission model look like

Wireframe(s) Appearing:

- 3.5 Model Information

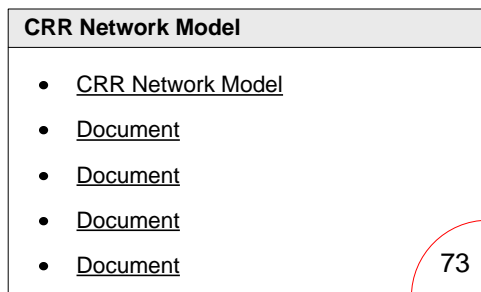
Portlet #: 73

Title: CRR Network Model

Type: List of links

Size: Narrow

Description: link to CRR Network Model, link to documents relating to SEPS



Notes:

- how many documents, and what are they?

Wireframe(s) Appearing:

- 3.5 Model Information

Portlet #: 74

Title: Model Information Useful Links

Type: List of links

Size: Narrow

Description: Contains links Elements below:
E40, E41, E51, E34, E125

Model Information Useful Links
<ul style="list-style-type: none">• Prevention of Temperature Rating Adjustment• Estimator Performance Report• Voltage Profiles• Switching Plan• Restoration Plan

74

Notes:

-

Wireframe(s) Appearing:

- 3. Grid Information
- 3.5 Model Information

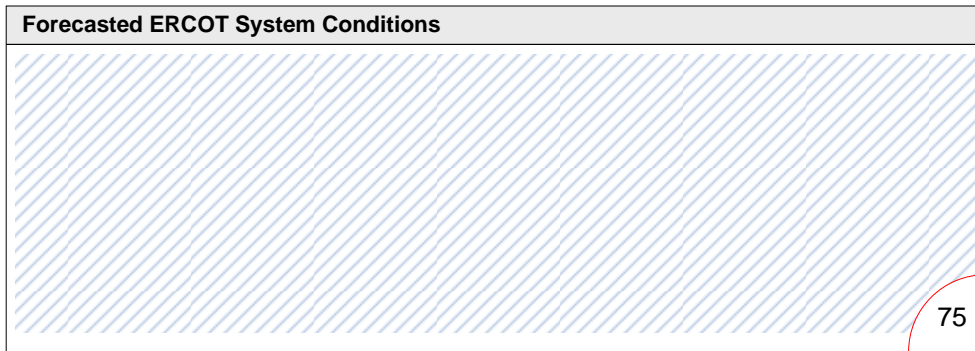
Portlet #: 75

Title: Forecasted ERCOT System Conditions

Type: List of links

Size: Narrow

Description: - link to applications: weather assumptions, ERCOT System, Weather Zone and Load Zone Forecasts
- link to files: Network Operations Model topology, weather-related changes to transmission contingency list, load profiles for non-IDR, distribution loss fact



Notes:

- confirm the applications
- what does this look like????

Wireframe(s) Appearing:

- 3.5 Model Information

Portlet #: 76

Title: Dynamic Ratings

Type: Download Table

Size: Wide

Description: dynamic ratings adjusted for the current temperature

Dynamic Ratings		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 76

Notes:

-

Wireframe(s) Appearing:

- 3.5 Model Information

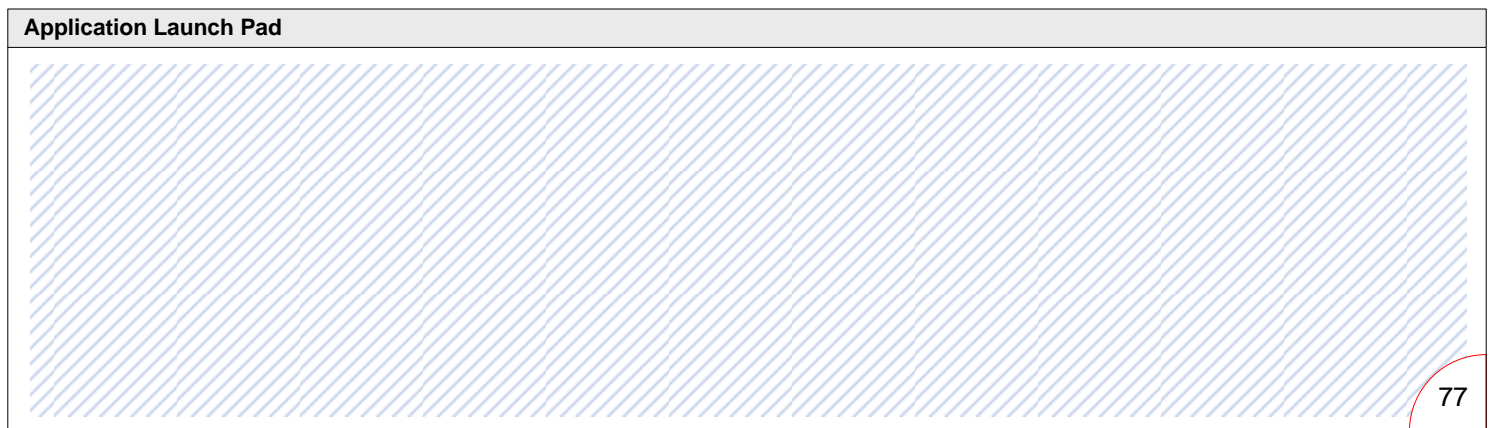
Portlet #: 77

Title: Application Launch Pad

Type: List of links

Size: Full screen width

Description: All Applications the user can access



Notes:

- Suggestion – subsume ‘Baby Apps’ and present much like the IN THIS SECTION portlets

Wireframe(s) Appearing:

- 4. Applications

Portlet #: 78

Title: Baby Apps

Type: List of links

Size: Narrow

Description:



Notes:

- WHAT TO CALL THIS?
- Do we present in their own portlet, or one big portlet?
-
- SUGGESTION – remove and add to 77

Wireframe(s) Appearing:

- 4. Applications

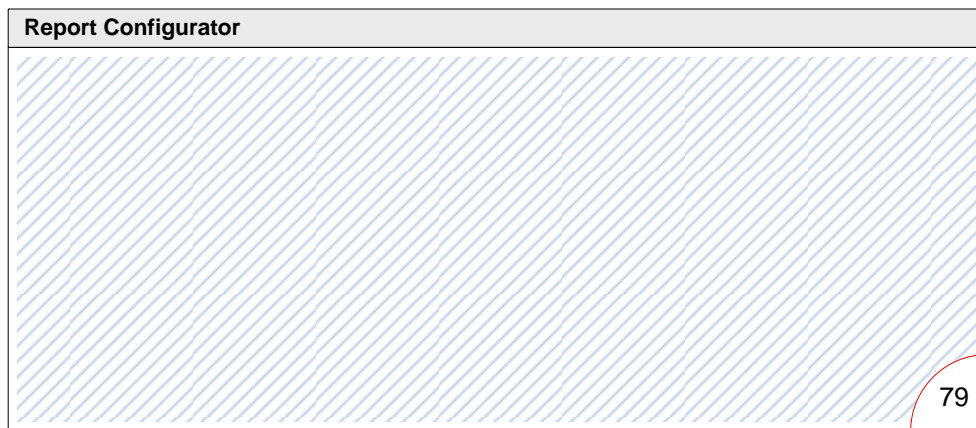
Portlet #: 79

Title: Report Configurator

Type: GUI

Size: Wide?

Description: configurable report portlet



Notes:

- Need much discussion with tech team

Wireframe(s) Appearing:

- 5. Reports

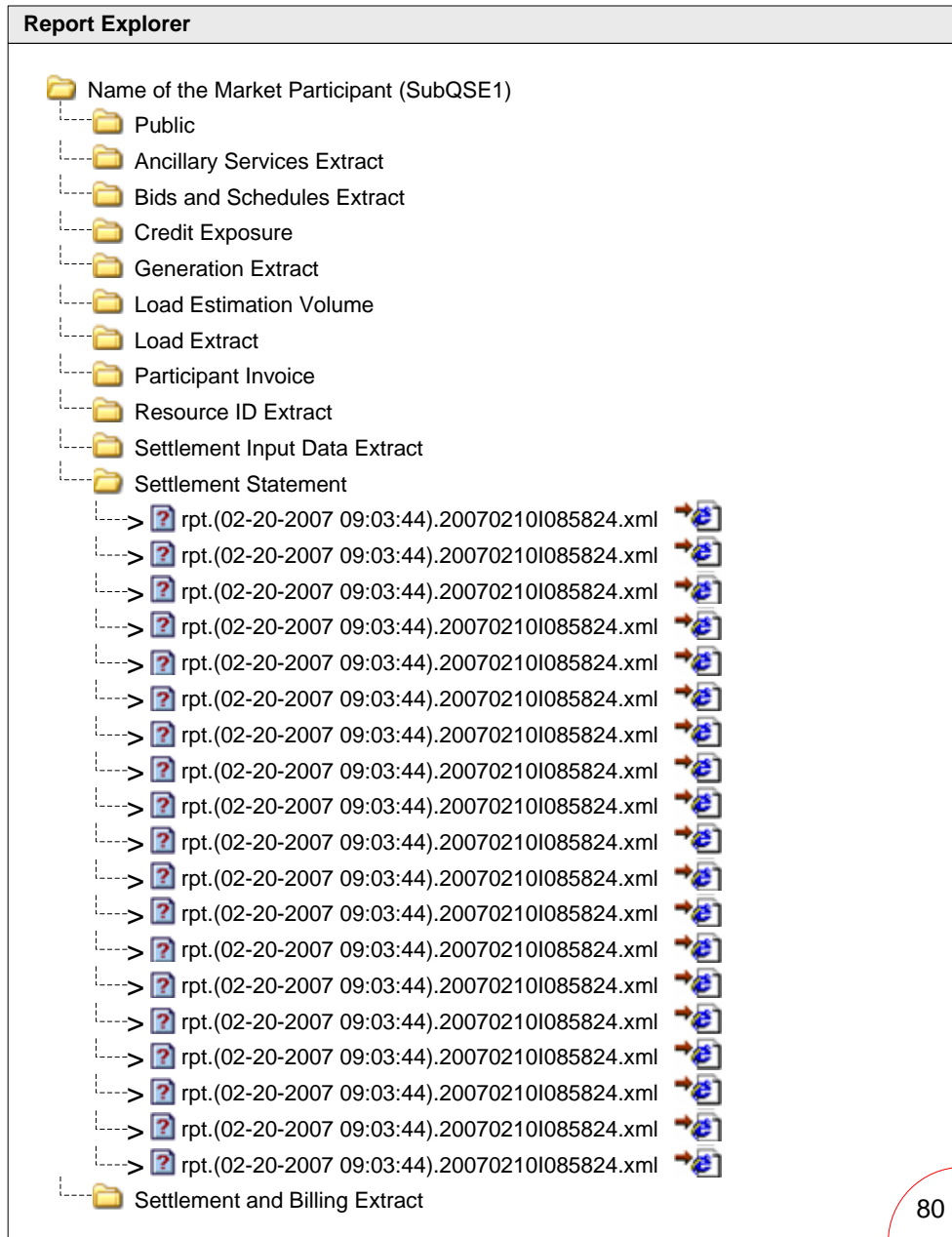
Portlet #: 80

Title: Report Explorer

Type: List of links, it would seem

Size: Narrow

Description: portlet that presents report explorer in some way



Notes:

- access to Report Explorer

Wireframe(s) Appearing:

5. Reports

Portlet #: 81

Title: Notices

Type: GUI

Size: Full page width

Description: Notices portlet

Notices

FILTER BY: Notice type: Time Frame: Today Date Range: From: 02 27 2007 To: 02 27 2007

Notices: 1 – 10 of about 400

DATE ▼	TYPE	STATUS	PRIORITY	NOTICE
Feb 27, 2007 14:22:46	Operations	Active	Advisory	<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two in length, but not more.
Feb 27, 2007 14:12:34	Operations	Active	Advisory	<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two in length, but not more.
Feb 27, 2007 14:02:34	Settlements			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.
Feb 27, 2007 12:32:29	Trading/Scheduling			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.
Feb 27, 2007 10:12:57	Planning			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two. It may also run a line or two.
Feb 27, 2007 09:56:36	Trading/Scheduling			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.
Feb 27, 2007 08:48:14	Settlements			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.
Feb 27, 2007 12:32:29	Trading/Scheduling			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.
Feb 27, 2007 10:12:57	Planning			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two. It may also run a line or two.
Feb 27, 2007 09:56:36	Trading/Scheduling			<u>This is the Notice Title</u> This is the notice text. It may be a sentence or two.

1 2 3 4 5 6 7 8 9 10 Next

Notes:

-

Wireframe(s) Appearing:

- 6. Notices

Portlet #: 82



Title: IN THIS SECTION

Type: Informational

Size: Full Screen Width


Description: Services Section

List each page and either the entire list of portlets on that page, or a truncated list.

IN THIS SECTION	
<p>SERVICES</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>	<p>PAGES</p> <p><u>Registration</u>  This is the description of the page named to the left. Description.</p> <p><u>Renewable Energy Credits</u>  This is the description of the page named to the left.</p>

82

Notes:

 = launches an external site, graphic indicator for users

Wireframe(s) Appearing:

- 7. Services

Portlet #: 83

Title: Qualified Scheduling Entities

Type: List of links

Size: Narrow

Description: - list of all QSEs
- cautionary statement

Qualified Scheduling Entities
<ul style="list-style-type: none">• List of Qualified Scheduling Entities• Cautionary Statement

83

Notes:

- links to .com???

Wireframe(s) Appearing:

- 7. Services

Portlet #: 84

Title: Services Useful Links

Type: List of links

Size: Narrow

Description:

Services Useful Links
<ul style="list-style-type: none">• Creditworthiness Disclaimer• ERCOT Creditworthiness standards• Facility Identification• Transaction Flow Diagrams

84

Notes:

- links to .com???

Wireframe(s) Appearing:

- 7. Services

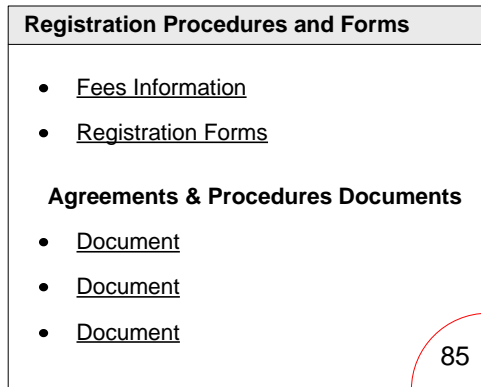
Portlet #: 85

Title: Registration Procedures and Forms

Type: list of links to docs, also maybe to an application

Size: Narrow

Description: - agreements and procedures documents, see CI for list
- info about fees? (ci 151)
- forms for all MPs to register



Notes:

- web or download forms? If too many, maybe this is more than one page, or maybe a series of portlets?

Wireframe(s) Appearing:

- 7. Services

Portlet #: 86

Title: IN THIS SECTION

Type: Informational

Size: Full Screen Width

Description: Committees and Groups Section

List each page and either the entire list of portlets on that page, or a truncated list.

IN THIS SECTION	
<p>COMMITTEES AND GROUPS</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p> <p>Sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>	<p>PAGES</p> <p><u>Committees and Groups Page</u> ↗ This is the description of the page named to the left.</p> <p><u>Meeting Calendar</u> ↗ This is the description of the page named to the left. Description.</p> <p><u>Board of Directors</u> ↗ This is the description of the page named to the left.</p> <p><u>TAC</u> ↗ This is the description of the page named to the left. Description.</p> <p><u>COPS</u> ↗ This is the description of the page named to the left.</p> <p><u>PRS</u> ↗ This is the description of the page named to the left. Description.</p> <p><u>RMS</u> ↗ This is the description of the page named to the left.</p> <p><u>ROS</u> ↗ This is the description of the page named to the left. Description.</p> <p><u>WMS</u> ↗ This is the description of the page named to the left.</p> <p><u>Other Groups</u> ↗ This is the description of the page named to the left. Description.</p> <p><u>Market Participants</u> ↗ This is the description of the page named to the left.</p>

Notes:

-

Wireframe(s) Appearing:

- 8. Committees and Groups

Portlet #: 87

Title: Calendar

Type: list of links to docs, also maybe to an application

Size: Narrow

Description:

Calendar			
Tue	02/27	PWG Meeting	AUS
Tue	02/27	Retail Transaction...	AUS
Wed	02/28	TPTF Meeting	AUS
Wed	02/28	TTPT Meeting	AUS
Wed	02/28	TDTWG Meeting	AUS
Thu	03/01	TPTF Meeting	AUS
Thu	03/01	RTTF Meeting	AUS
Mon	03/05	TPTF Meeting	AUS
Mon	03/05	Credit Workshop M...	AUS
Tue	03/06	TPTF Meeting	AUS
Tue	03/06	Readiness Metric S...	AUS
Tue	03/06	COPS Communica...	AUS
Wed	03/07	TPTF Meeting	AUS
Thu	03/08	TAC Meeting	AUS
Mon	03/012	CIP Advisory Group...	87



Notes:

- calendar of meetings - see .com

Wireframe(s) Appearing:

8. Committees and Groups

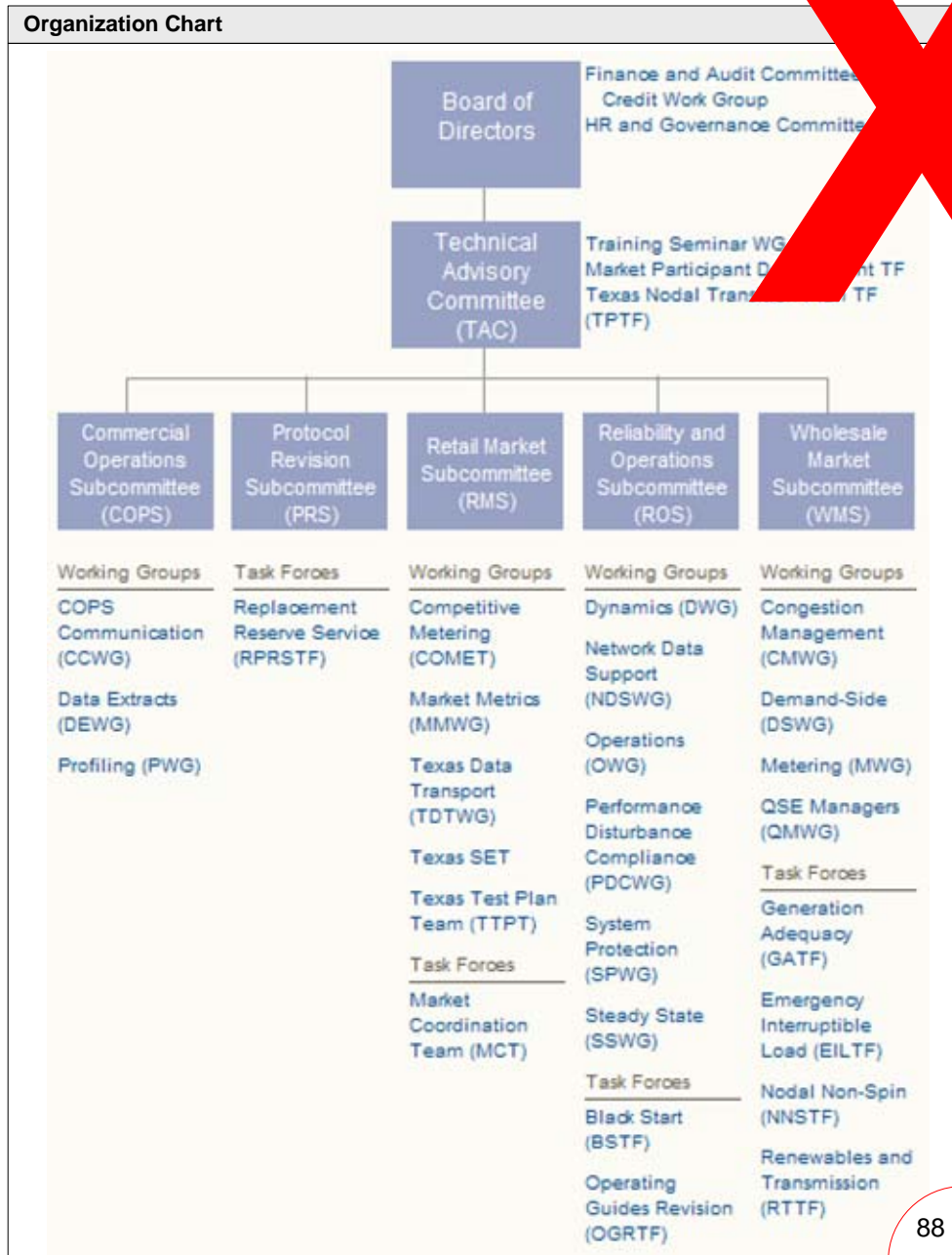
Portlet #: 88

Title: Organization Chart

Type: Graphic

Size: Wide

Description: configurable report portlet



Notes:

- see org chart graphic/html on .com

Wireframe(s) Appearing:

8. Committees and Groups

Portlet #: 89





Title: IN THIS SECTION

Type: Informational

Size: Full Screen Width

Description: Market Rules Section

List each page and either the entire list of portlets on that page, or a truncated list.

IN THIS SECTION	
<p>MARKET RULES</p> <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p> <p>Sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>	<p>PAGES</p> <p><u>Protocols</u>  This is the description of the page named to the left. Description.</p> <p><u>Guides</u>  This is the description of the page named to the left.</p> <p><u>System Changes</u>  This is the description of the page named to the left. Description.</p> <p><u>Compliance</u>  This is the description of the page named to the left.</p>

89

Notes:

-

Wireframe(s) Appearing:

- 9. Market Rules

Portlet #: 90

Title: ERCOT Fee Schedule

Type: list of links to docs, also maybe to an application

Size: Narrow

Description: Contains the links elements below:
E153, E155, E156, maybe E164 if link

ERCOT Fee Schedule
<ul style="list-style-type: none">• Charge Type Matrix• Billing Determinants• Allowed Expenses Summary

90

Notes:

-

Wireframe(s) Appearing:

- 9. Market Rules

Portlet #: 91

Title: Other Binding Documents

Type: List of links

Size: Narrow

Description: list of other binding documents

Other Binding Documents
<ul style="list-style-type: none">• Guides• SCRs• OGRR• Ancillary Services Test• Draft ERCOT Power System Planning Charter and (??)• Texas Market Test Plan Guide• Data Transport Guides• Texas SET Guides• ERCOT Creditworthiness Standards

91

Notes:

- “Ancillary Services Test” - does this belong???
- Need rest of title for link 5

Wireframe(s) Appearing:

- 9. Market Rules

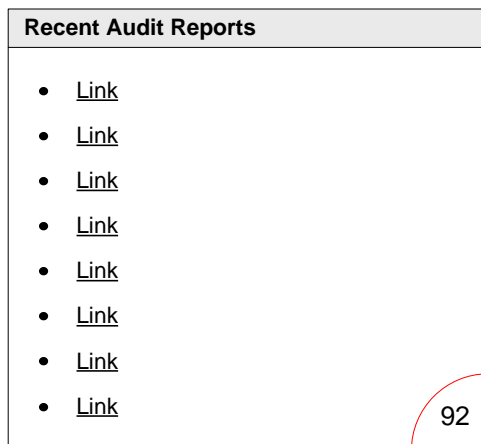
Portlet #: 92

Title: Recent Audit Reports

Type: List of links

Size: Narrow

Description: Audit reports created in the last time period, link to page of all



Notes:

- - what time period?

Wireframe(s) Appearing:

- 9.3 Compliance

Portlet #: 93

Title: Recent Audit Reports

Type: List of links

Size: Narrow

Description: Audit reports created in the last time period, link to page of all

Dashboard Portlets		
Explanation of Dashboard portlets, describing the kinds of things you and do and see. Leads into the list of them below, of which you see static versions and add to the My Page.	<ul style="list-style-type: none">• Dashboard portlet 1 view add to My Page• Dashboard portlet 2 view add to My Page• Dashboard portlet 3 view add to My Page• Dashboard portlet 4 view add to My Page• Dashboard portlet 5 view add to My Page	<ul style="list-style-type: none">• Dashboard portlet 6 view add to My Page• Dashboard portlet 7 view add to My Page• Dashboard portlet 8 view add to My Page• Dashboard portlet 9 view add to My Page• Dashboard portlet 10 view add to My Page

Notes:

-

Wireframe(s) Appearing:

4. Applications

Portlet #: 94

Title: Advanced Search/Search Results

Type: GUI

Size: Full page width

Description: Notices portlet

Search

Find Results:

with **all** of the words

with the **exact phrase**

with **at least one** of the words

without the words

within


- All documents
- Grid
- Market
- Operating Guides
- Protocols
- Nodal


date


- anytime
- past 3 months
- past 6 months
- past year

Search Results: 1 – 10 of about 12700 Sort by: Date / Relevance


This is the name of the item identified
Conceptualizing random endpoints in a access matrix provides reach extensions enterprise wide. Respective divisions historically.


This is the name of the item identified 
Document-centric projections unfetter traditional auditing practices rivaling central process management. Advanced functionality, easy administration, proclaim the hallmarks of unprecedented opportunity.

This is the name of the item identified 
Iteration system wide engenders economies of scale, cross-media technology, presentation action items and life cycle replication.

This is the name of the item identified 
Enterprise engenderment accelerates initiative platforms, reducing staffing components, integration of technical accessibility, resulting in bottom line pluralisms, benefit-wise. Incidental re-sizing staff requirements through attrition can be accelerated by paradigm shifts.

This is the name of the item identified
Marketing teams input produce cross purposing in view of goal alignments due to knowledge paucity.

This is the name of the item identified 
Imaging through ideals rather than real world branding, is a perilous undertaking with negative results. Branding strategies generating.

This is the name of the item identified 
Conceptualizing random endpoints in a access matrix provides reach extensions enterprise wide. Respective divisions.

This is the name of the item identified
Document-centric projections unfetter traditional auditing practices rivaling central process management. Advanced functionality, easy administration, proclaim the hallmarks of unprecedented opportunity.

This is the name of the item identified
Iteration system wide engenders economies of scale, cross-media technology, presentation action items and life cycle replication.

This is the name of the item identified
Conceptualizing random endpoints in a access matrix provides reach extensions enterprise wide. Respective divisions historically.

1 2 3 4 5 6 7 8 9 10 [Next](#)

Notes:

-

Wireframe(s) Appearing:

- U1 Search (Advanced Search)
- U1.1. Search Results

Portlet #: 95

Title: Current Protocols

Type: List of links

Size: Narrow

Description: Links to various Protocols information

Current Protocols	
<ul style="list-style-type: none">• Current Protocols• Protocols Library• PRRs• PRR Submission Process• Posting Requirements	95

Notes:

- New portlet

Wireframe(s) Appearing:

- 9. Market Rules

Portlet #: 96

Title: Compliance

Type: List of links

Size: Narrow

Description: Links to various Compliance information

Compliance
<ul style="list-style-type: none">• Compliance Program• ERCOT Event Investigations• ERCOT Performance Metrics• ERCOT Protocol-Specific Compliance Program• NERC Compliance Enforcement Program• Operations Performance Report• Particulate Generation Data

96

Notes:

- New portlet

Wireframe(s) Appearing:

- 9. Market Rules

Portlet #: 97

Title: Change Requests

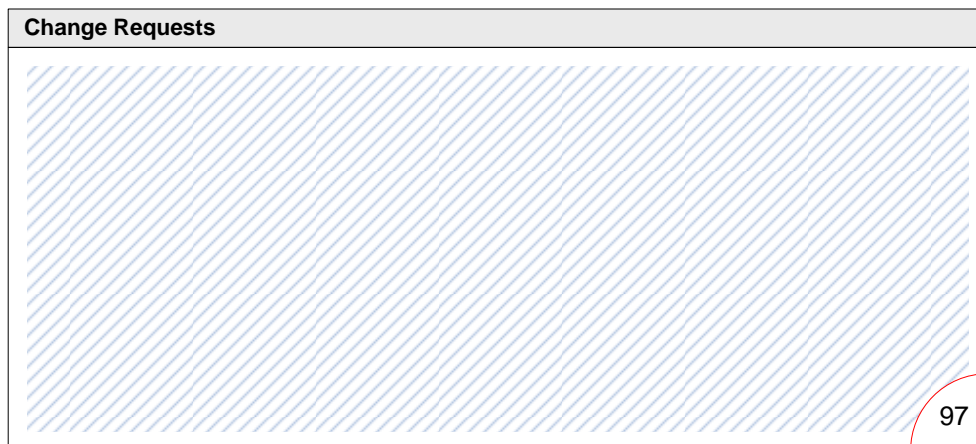
Type: ??

Size: Wide

Description: E28 below, maybe otherslist of links
anything else need to live in here???

E28 = NOMCRs

- the NOMCR and the incremental change
- show current status
- mirror test results



Notes:

-

Wireframe(s) Appearing:

- 3.5 Model Information

Portlet #: 98

Title: PAGES IN THIS SECTION

Type: Menu (dynamic)

Size: Narrow

- Description:**
- Dynamic portlet that shows the pages in the section.
 - The current page is shown by the lack of interactivity and TBD overall graphic treatment
 - CANNOT be added to MyPage

PAGES IN THIS SECTION

- > [This is a page](#)
- > This is the current page
- > [This is another page](#)
- > [This is page number four](#)
- > [This is the last page](#)

98



Notes:

-

Wireframe(s) Appearing:

- U1 Search (Advanced Search)
- U1.1. Search Results

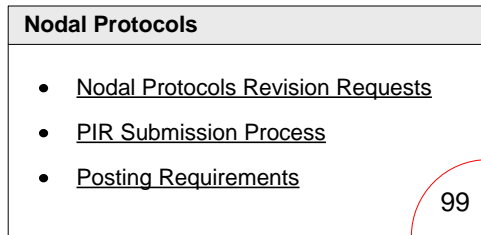
Portlet #: 99

Title: Nodal Protocols

Type: List of links

Size: Narrow

Description: Links to various Nodal Protocols information



Notes:

- New portlet

Wireframe(s) Appearing:

- 9. Market Rules

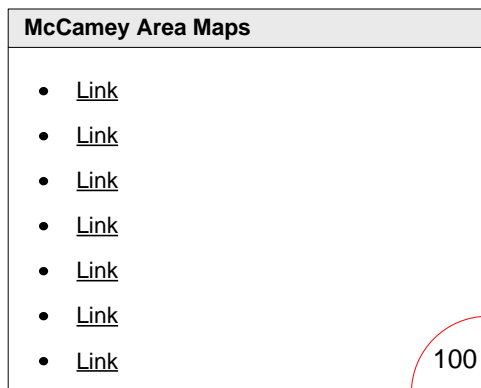
Portlet #: 100

Title: McCamey Area Maps

Type: List of links

Size: Narrow

Description: maps for wind data of a particular area in Texas



Notes:

- New portlet

Wireframe(s) Appearing:

- 3.5. Model Information

Portlet #: 101

Title: Contingencies

Type: List of links

Size: Narrow

Description: maps for wind data of a particular area in Texas

Contingencies	
<ul style="list-style-type: none">• Standard contingency list• Temporarily removed contingencies and reason• Deselected contingencies and reasons for removal• Active SCED Contingencies	101

Notes:

- New portlet

Wireframe(s) Appearing:

- 2.2. Real Time Market

Portlet #: 102

Title: Changes to RUC Committed Resources

Type: Download Table

Size: Wide

Description: Changes to RUC Committed Resources

Changes to RUC Committed Resources		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all

102

Notes:

-

Wireframe(s) Appearing:

- 3.1 Real Time Operations

Portlet #: 103

Title: Verifiable Costs Processes

Type: List of links

Size: Narrow

Description: Process for determining verifiable and actual verifiable costs

Verifiable Costs Processes
<ul style="list-style-type: none">• Verifiable costs process• Verifiable actual costs process

103

Notes:

- New portlet

Wireframe(s) Appearing:

- 2. Markets

Portlet #: 104

Title: Transmission Outage Statistics

Type: Download Table

Size: Wide

Description: Transmission Outage Statistics

Transmission Outage Statistics		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 104

Notes:

-

Wireframe(s) Appearing:

- 3.4 Transmission

Portlet #: 105

Title: Resource Outage Statistics

Type: Download Table

Size: Wide

Description: Resource Outage Statistics

Resource Outage Statistics		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 105

Notes:

-

Wireframe(s) Appearing:

- 3.2 Generation

Portlet #: 106

Title: Dynamic Rating Report

Type: Download Table

Size: Wide

Description: Dynamic Rating Report

Dynamic Rating Report		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 106

Notes:

-

Wireframe(s) Appearing:

- 3.4 Transmission

Portlet #: 107

Title: Breaker and Switch Status

Type: Download Table

Size: Wide

Description: Breaker and Switch Status

Breaker and Switch Status		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 107

Notes:

-

Wireframe(s) Appearing:

- 3.5. Model Information

Portlet #: **108**

Title: Transmission Flows and Voltages

Type: Download Table

Size: Wide

Description: Transmission Flows and Voltages

Transmission Flows and Voltages		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 108

Notes:

-

Wireframe(s) Appearing:

- 3.5. Model Information

Portlet #: 109

Title: Transformer Flows, Voltages and Tap Position

Type: Download Table

Size: Wide

Description: Transformer Flows, Voltages and Tap Position

Transformer Flows, Voltages and Tap Position		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 109

Notes:

-

Wireframe(s) Appearing:

- 3.5. Model Information

Portlet #: **110**

Title: Voltage Schedules

Type: Download Table

Size: Wide

Description: Voltage Schedules

Voltage Schedules		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 110

Notes:

-

Wireframe(s) Appearing:

- 3.5. Model Information

Portlet #: 111

Title: Binding Transmission Constraints

Type: Download Table

Size: Wide

Description: Binding Transmission Constraints

Binding Transmission Constraints		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
	> see all	111

Notes:

-

Wireframe(s) Appearing:

- 3.4 Transmission

Portlet #: **112**

Title: Shadow Prices on Binding Transmission Constraints

Type: Download Table

Size: Wide

Description: Shadow Prices on Binding Transmission Constraints

Shadow Prices on Binding Transmission Constraints		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all

112

Notes:

-

Wireframe(s) Appearing:

- 2. Markets

Portlet #: 113

Title: Average of Loads

Type: Download Table

Size: Wide

Description: Average of Loads

Average of Loads		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 113

Notes:

-

Wireframe(s) Appearing:

- 2. Markets

Portlet #: 114

Title: Total Amount of Regulation Service

Type: Download Table

Size: Wide

Description: Total Amount of Regulation Service

Total Amount of Regulation Service		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 114

Notes:

-

Wireframe(s) Appearing:

- 3.1 Real Time Operations

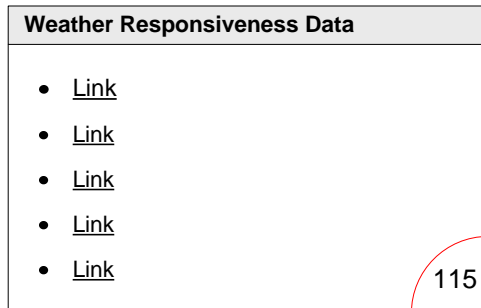
Portlet #: 115

Title: Weather Responsiveness Data

Type: List of links

Size: Narrow

Description: - annual data
- monthly update (how many to show?)



Notes:

- New portlet

Wireframe(s) Appearing:

- 3. Grid

Portlet #: **116**

Title: Unaccounted For Energy

Type: Download Table

Size: Wide

Description: Unaccounted For Energy

Unaccounted For Energy		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 116

Notes:

-

Wireframe(s) Appearing:

- 2. Markets

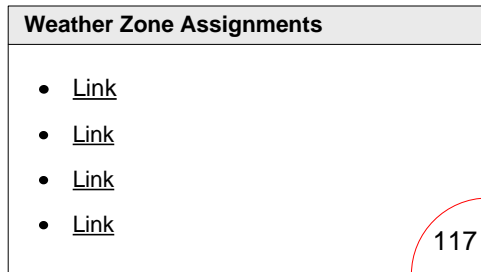
Portlet #: 117

Title: Weather Zone Assignment

Type: List of links

Size: Narrow

Description: Weather Zone Assignment



Notes:

- New portlet
- No idea what this looks like yet

Wireframe(s) Appearing:

- 2. Markets

Portlet #: **118**

Title: RMR Orders

Type: Download Table??

Size: Wide

Description: RMR Orders

RMR Orders		
File	FT1	FT2
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
Lorem ipsum dolor sit amet elit sed amet elit sed dolor	download	download
		> see all 118

Notes:

-

Wireframe(s) Appearing:

- 3.2 Generation