

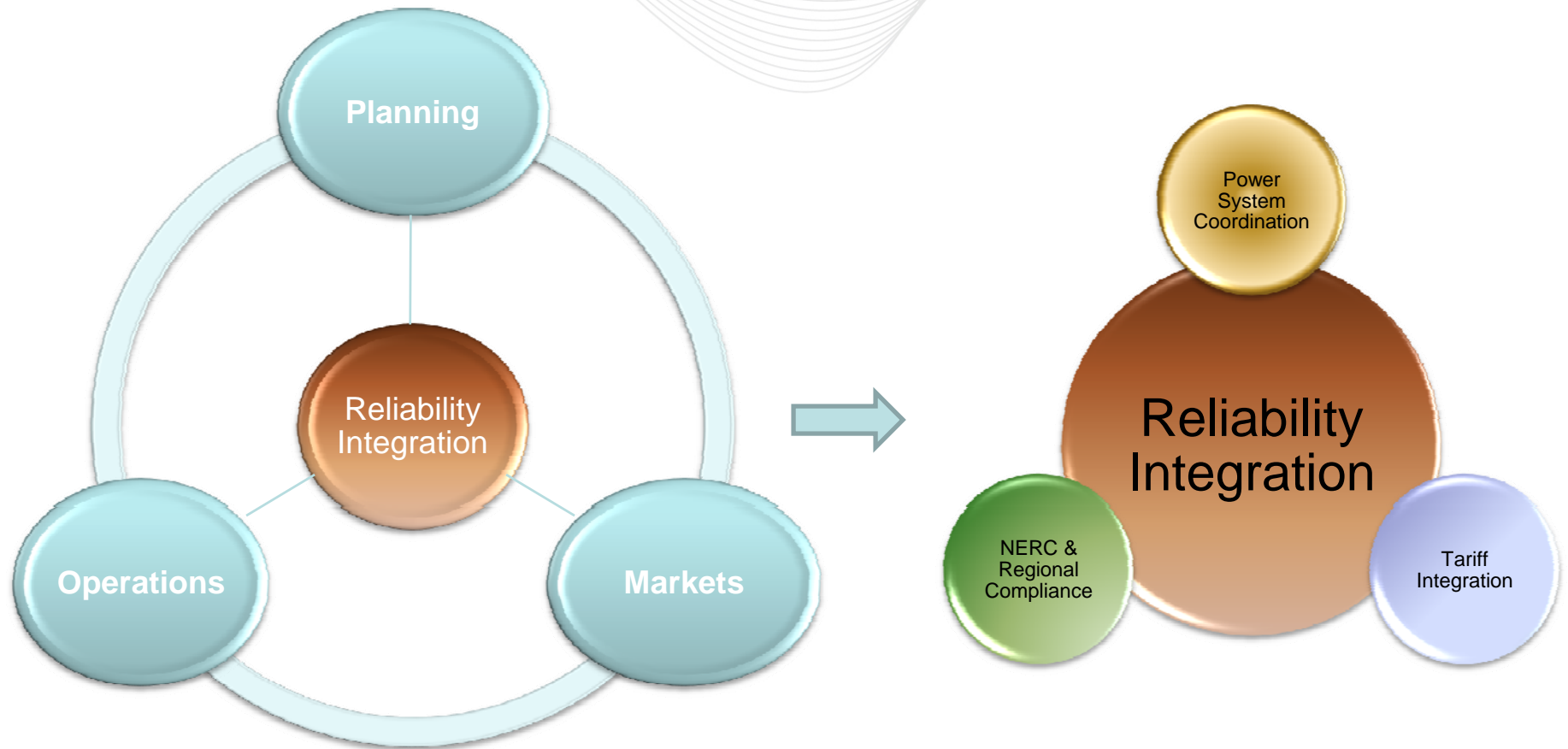


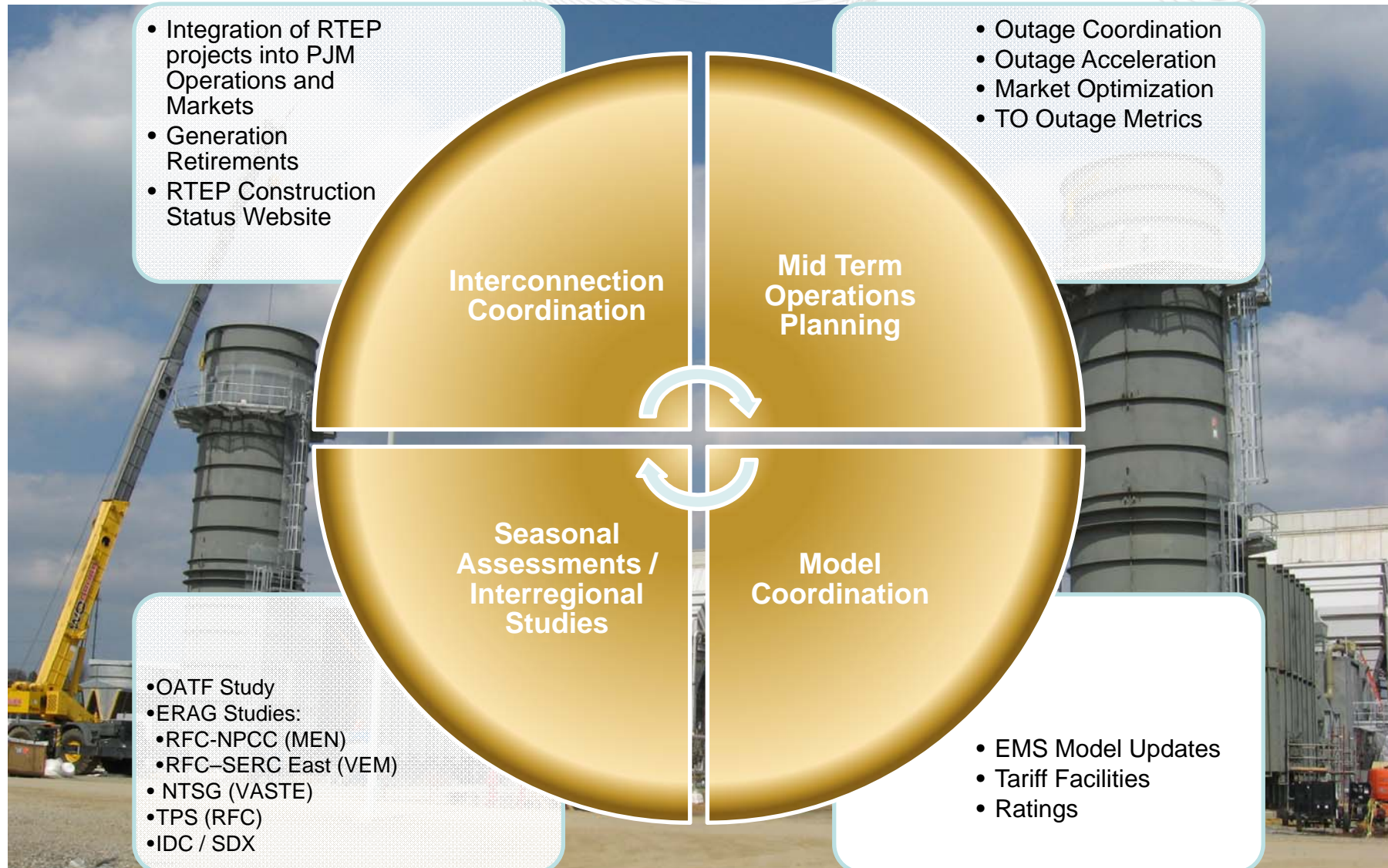
RTEP Generation Interconnection Project Invoicing Issues

Power System Coordination Department

TOA-AC Meeting

1/21/10





- Engineering, construction and energization activities / project controls
 - System upgrades
 - New generation projects
 - Upgrades
- Integrates RTEP projects from PJM Planning into PJM Operations and Markets
 - Outage Coordination
 - Model Coordination
 - Markets Interface



Issues:

- TO's submitting invoices to PJM on time
- TO's providing accurate billing
 - Form F
 - Linkage to cash flows
 - Linkage to Scope Change Process

Impacts:

- Potential compliance risk re: maintaining OATT time requirements for invoice processing
- Increased potential for project disputes



PJM Billing Form F

INVOICE #

DATE:

TRANSMISSION OWNER:

Transmission Owner to complete all shaded blocks

CONSTRUCTION * (see below)			FOR PJM USE ONLY													
			PRESENT ALLOCATION (QUEUES WITH EXECUTED ISA)				REALLOCATION (DUE TO ADDED QUEUES WITH EXECUTED ISA)									
Queue / Upgrade #	NAME	INVOICE AMOUNT	date	QUEUE#	% allocation	QUEUE#	% allocation	QUEUE#	% allocation	date	QUEUE#	% allocation	QUEUE#	% allocation	QUEUE#	% allocation
		\$ -														
(note: this cell is linked to total current invoice amount below)																
Total Original Cost for Upgrade / Queue # :			\$0.00													
Total Revised Cost for Upgrade / Queue # :			\$0.00 (if applicable)													

CONSTRUCTION * Support Documentation	Cost Reconciliation*					
	Total Projected Amount Next Period (Current Invoice)	Previous Cumulative Amount	Cumulative Amount Billed to Date	Total Upgrade Estimated Amount At Completion	Committed Costs through (insert date)	Actual Costs through (insert date)
Major Equipment / Material Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Owner Labor Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Outside Services/ Subcontractor Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous Costs (provide specifics)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIAC Tax Gross-up (if applicable)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Blue shaded text cells to be used for comments to document previous reconciliation of costs in subsequent invoices

* Cost Reconciliation columns to be used if Interconnection Customer requests quarterly cost reconciliation

- Developed through open stakeholder process
- PJM Invoice Form F designed to provide balance between IC and TO positions on cost detail (minimum required)
- TOs required to submit invoice to PJM on a quarterly basis for work to be performed during next subsequent quarter
- Each TO invoice to consist of TO cover sheet plus Form F for Attachment Facilities and each Network Upgrade
- TO to develop project cash flow after execution of ICSA and update during project

- Draft of Form F with Definitions
- Recommendation to TOs to provide electronic copies of invoices only
- Resolve discrepancies between ISA costs and project cash flows (Attachment Facilities vs. Network Upgrades)



- Re-education of TOs on M14C requirements
- Develop standard cash flow form
- Revisions to M14C language
 - Cash flow requirements
 - Guidelines for flagging TO invoices for further review if not “reasonably accurate” the first time
 - If invoice amount is > ISA amount
 - If invoice has no correlation to most recent cash flow

- Draft Manual M14C revisions
- Finalize Form F Definitions and issue to TOs
- Develop plan to re-train TOs on invoicing process





RTEP Project Construction Status

PJM Power System Coordination (PSC) Department TO contacts:

David Schweizer
 Manager, Power System Coordination
schwed@pjm.com
 610-666-4503

PJM PSC Contact	Email	Phone
Rob Price	pricer@pjm.com	610-666-8209
Bill Patzin	patziw@pjm.com	610-666-4698
Jay Liu	liu1@pjm.com	610-666-4212
Jeff Falciani	falciani@pjm.com	610-666-4218
Yuri Smolanitsky	smolay@pjm.com	610-666-2274
Diane Lake	laked@pjm.com	610-666-4725

PJM RTEP Project Interconnection Coordination Primary Contacts (1/2010)	
Transmission Owner	PJM PSC Lead
AE	Jay Liu
AEP	Rob Price
BGE	Rob Price
ComEd	Bill Patzin
Dayton	Bill Patzin
Dominion	Yuri Smolanitsky / Jeff Falciani
DPL	Jay Liu
DQE	Rob Price
JCPL	Rob Price
MetEd	Jay Liu
PECO	Bill Patzin
Pepco	Yuri Smolanitsky
Penelec	Bill Patzin / Jeff Falciani
PPL	Jay Liu
PSE&G	Rob Price
RE	Rob Price
UGI	Jay Liu