

## Introduction

The scenarios described in this document are designed to facilitate the creation of DACP settlements charge types during the defined period of settlements market trials. This is accomplished using an integrated test environment, a compressed settlement schedule, revised registration data and revised real-time inputs. Because an integrated test environment is used, the scenarios are dependent on the settlements market trials participants receiving a DA schedule and then taking specific actions in real-time. Settlements market trials participants may choose to execute some or all of the scenarios described in this document using a subset of their resources. Market trials participants must identify in advance the DA-PCG eligible resources that they plan on using during the settlements market trials. The IESO encourages that market participants minimize this list to only a few resources within their fleet, as this will limit the necessary modifications to the registration data/simulated telemetry data, as well as limiting the number of total resources that are competing to get a day-ahead schedule (which should increase the chances of a market participants participating in Market Trials to receive a day-ahead schedule on any given day).

See Appendix A for a compressed settlements calendar for use during settlements market trials.

## Scope

The settlements scenarios are designed to create the specific settlements charge types based on the inputs provided. Market trials participants are responsible for supplying the necessary data to achieve a day-ahead schedule and for taking any additional action necessary to receive a settlements charge. Because of the integrated nature of this testing, the IESO cannot guarantee that all market trials participants will receive all applicable charge types during settlements market trials.

The Day-Ahead Fuel Cost Compensation credit is not changing as a result of the EDAC project and is not in scope for the DACP settlements market trials.

The day-ahead export failure charge and day-ahead linked wheel failure charge are not in scope. Market participants have indicated that they will not be scheduling exports day-ahead and as a result there is no requirement to test these scenarios.

## Settlements Scenarios

The settlements market trials scenarios are structured to create the settlements charge types listed below:

- DA-PCG (and components)
- DAGWC
- DA-IOG (and components)
- DA-IFC & LWFC
- DA-EFC & LWFC

## Settlements Market Trials Setup

### Real-Time Systems

Given the lack of real-time telemetry in the IESO Sandbox system, the IESO plans to use a static data file as an input into the real-time dispatch systems. This static data will simulate a not quick-start resource as being synchronized and injecting 1MW into the IESO Control Grid (ICG) for all hours. To complement this action, the market participants have to modify their real-time/pre-dispatch offers in the Sandbox to include a very large ramp up/down rate (e.g., 999MW/min). These actions will result in the real-time constrained dispatch being a function of the economics of the submitted offer and not be limited by the ability of the resource to physically reach their economic point. To facilitate this generation of a constrained schedule, the IESO will also modify registration data in the IESO Sandbox environment on behalf of the market participant, (registered minimum loading point (MLP) and maximum ramp rates) which will allow the submission of high ramp rates and prevent the trigger of a start-up or shut down sequence in the real time dispatch engine, based on the disparity between the registered MLP and the injection amount in the static file.

Market participants will be asked to submit a list of DA-PCG eligible generators that they plan on using during the S-MT to generate day-ahead charge types. The IESO encourages that market participants minimize this list to only a few resources within their fleet, as this will limit the necessary modifications to the registration data/simulated telemetry data, as well as limiting the number of total resources that are competing to get a day-ahead schedule (which should increase the chances of a market participants participating in Market Trials to receive a day-ahead schedule on any given day).

### Settlements Systems

Given the fully integrated IESO Sandbox environment, it is expected that based on market participant submissions, all of the necessary variables (offers/bids, schedules, prices) will be available for settlement purposes, with the exception of real-time injection. The IESO will overwrite the real-time injection for each resource nominated by participants, to make it equal to the real-time constrained schedule generated on the IESO Sandbox. To accomplish this, the IESO will use a script file to take each five minute interval dispatch, divide it by 12 and substitute it into the injection variable (AQEI). The settlement result will make each nominated resource appear as if it was compliant with real-time dispatch.

## Settlements Scenario #1- DA-PCG Component 1

### Charge Type Description

A credit allowing generators to recover any shortfall in payment on the delivered real-time dispatch of the day-ahead constrained schedule based upon the real-time revenue received for that amount of energy in comparison with the costs as represented in the generator's day-ahead offer.

Also includes clawback for the portion up to minimum loading point of the DA-PCG Component 1 for the constraint in Day 1 to complete the minimum generation block run-time from Day 0.

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. The IESO will reduce the RT demand from the DA forecast which will result in a reduced real-time MCP and fewer resources being scheduled. A charge will be generated for DA-PCG component #1 if the day-ahead incremental energy offer is higher than the real-time MCP.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for nominated DA-PCG eligible resource that includes the following: <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate Of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				
2	Nominated resource receives a Day –Ahead commitment (as identified				

	in DA Commitment report)				
3		MP does not revise DA offer for nominated DA-PCG eligible resource that was used for the DA Schedule of Record			
4		IESO reduces the demand in real time to create a real time MCP that is lower than the day-ahead incremental energy offer			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

## Settlements Scenario #2 – DA-PCG Component 2

### Charge Type Description

For the portion of day-ahead constrained schedule that is not implemented in the real-time dispatch schedule, the DA-PCG will guarantee the value of arranging the delivery (where the real-time offer price is less than the day-ahead offer price), or subtract any gain (where the real-time offer price is greater than the day-ahead offer price)<sup>1</sup>;

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. A charge/credit will be generated for DA-PCG component #2, for any portion of the day-ahead schedule that is not implemented in real-time, if a) the real-time offer price is less than the day-ahead offer price, or b) the real-time offer price is greater than the day-ahead offer price.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	<p>MP submits a day-ahead offer for nominated DA-PCG eligible resource that includes the following:</p> <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate Of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				
2	Nominated resource receives a Day –Ahead commitment (as identified)				

<sup>1</sup> Where the real-time offer is equal to the day-ahead offer, the value/gain is equal to zero (0).

	in DA Commitment report)				
3		<ul style="list-style-type: none"> <li>a) MP decreases RT offer for nominated DA-PCG eligible resource that was used for the DA Schedule of Record</li> <li>b) MP increases RT offer for nominated DA-PCG eligible resource that was used for the DA Schedule of Record</li> </ul>			
4		IESO reduces the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is less than the DA schedule			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

## Settlements Scenario #3 – DA-PCG Component 3

### Charge Type Description

Any income from real-time energy CMSC for the portion of the *generator's* day-ahead constrained schedule delivered in real-time will be used to reduce the DA-PCG payment.

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. The IESO will increase the RT demand from the DA forecast and the MP reduces the RT offer price for the nominated resource with ramp limited offers for the quantity above MLP. As a result of these actions, the nominated resource will receive a RT unconstrained schedule to their economic quantity above MLP and a constrained schedule to a quantity above MLP limited by the ramp rate. This will result in a CMSC payment for the quantity of the unconstrained schedule above the ramp limited constrained schedule. A charge will be generated for DA-PCG component #3, for any income from real-time energy CMSC for the portion of the *generator's* day-ahead constrained schedule delivered in real-time.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for nominated DA-PCG eligible resource that includes the following: <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate Of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				
2	Nominated resource receives a Day –Ahead commitment (as identified				

	in DA Commitment report)				
3		MP reduces RT offer for nominated DA-PCG eligible resource that was used for the DA Schedule of Record. Ramp rate for MLP portion = 999.9 and ramp rate for additional incremental energy = .9			
4		IESO increases the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is greater than or equal to the DA schedule			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

## Settlements Scenario #4 – DA-PCG Component 4

### Charge Type Description

The net operating reserve (OR) income realized by generators whose real-time dispatch for energy is less than their day-ahead constrained schedule for energy. Any net income from real-time operating reserve in a generator’s day-ahead constrained schedule that was not dispatched in real-time will be used to reduce the DA-PCG payment.

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. The IESO will reduce the RT demand from the DA forecast and the MP increases the RT offer for the nominated resource. The MP submits an economic RT offer for operating reserve. As a result of these actions, the nominated resource may not receive a RT schedule equal to the day-ahead schedule and may receive a schedule for operating reserve. A charge will be generated for DA-PCG component #4, for any income from real-time operating reserve in a generator’s day-ahead constrained schedule that was not dispatched in real-time.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for nominated DA-PCG eligible resource that includes the following: <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate Of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				
2	Nominated resource receives a Day –Ahead commitment (as identified in DA Commitment report)				

3		MP submits economic RT operating reserve offer			
4		MP increases RT offer for nominated DA-PCG eligible resource that was used for the DA Schedule of Record			
5		IESO reduces the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is less than the DA schedule			
6			IESO notifies settlements market trials participants of charge types seen in initial calculation		
7				Participant retrieves preliminary settlement statement and data file	
8					Participant retrieves final settlement statement and data file

## Settlements Scenario #5 – DA-PCG Component 5

### Charge Type Description

As-offered start-up cost (as-offered value of bringing an off-line generator on-line to minimum loading point).

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. The nominated resource will submit economic day ahead offers for hours that will create a start event (i.e. don't offer in hour 1). The IESO will increase the RT demand from the DA forecast and the MP submits economic RT offers for the nominated resource. As a result of these actions, the nominated resource may receive a RT schedule equal to the day-ahead schedule. A charge will be generated for DA-PCG component #5 to recover the costs incurred to bring the generator up to minimum loading point.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	<p>MP submits a day-ahead offer for nominated DA-PCG eligible resource that result in a start event include the following:</p> <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate Of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				
2	Nominated resource receives a Day –Ahead commitment (as identified in DA Commitment report)				
3		MP submits economic RT			

		offer			
5		IESO increases the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is greater than or equivalent to the DA schedule			
6			IESO notifies settlements market trials participants of charge types seen in initial calculation		
7				Participant retrieves preliminary settlement statement and data file	
8					Participant retrieves final settlement statement and data file

DRAFT

## Settlements Scenario #6 – DA-Generator Withdrawal Charge

### Charge Type Description

A Withdrawal Charge for committed PCG-eligible generators will be applied when these generators withdraw their commitment. If a market participant is eligible for a DA-PCG, there may be a consequence of withdrawing from the commitment in real-time.

A withdrawal charge is applied if:

- the withdrawal was within the market participant’s control; and
- it fails a price test<sup>2</sup> (the results of this withdrawal did not provide a benefit to the IESO-administered market).

### Scenario Description

A DA-PCG eligible resource submitted a day-ahead offer that included incremental energy and Speed-No-Load (SNL) cost and received a day-ahead commitment. The IESO will increase the RT demand from the DA forecast and the MP cancels the RT offer for the nominated resource with a reason code “Withdraw”. As a result of these actions, the nominated resource will receive a withdrawal charge.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for nominated DA-PCG eligible resource that includes the following: <ul style="list-style-type: none"> <li>• Economic incremental energy offers with a ramp rate of 999.9</li> <li>• Speed –no –load costs</li> <li>• Start-up costs</li> </ul>				

<sup>2</sup> The price test is included within the Day-Ahead Generator Withdrawal Charge formula.

2	Nominated resource receives a Day –Ahead commitment (as identified in DA Commitment report)				
3		MP submits economic RT operating reserve offer			
4		IESO increases the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is less than the DA schedule			
5		MP cancels RT offer for nominated DA-PCG eligible resource with a “Withdraw” reason code.			
6			IESO notifies settlements market trials participants of charge types seen in initial calculation		
7				Participant retrieves preliminary settlement statement and data file	
8					Participant retrieves final settlement statement and data file

## Settlements Scenario #7 – DA-IOG Component 1

### Charge Type Description

The Day-Ahead Intertie Offer Guarantee (DA-IOG) gives importers a guaranteed cost recovery when real-time revenue is insufficient to cover day-ahead as-offered costs to provide energy that was committed the day-ahead and actually flowed in the real-time market. As in the current DACP, an import that is part of a linked wheel is not eligible for a DA-IOG.

### Scenario Description

An importer submitted a day-ahead offer and received a day-ahead commitment. The IESO will reduce the RT demand from the DA forecast which will result in a reduced real-time MCP and fewer imports being scheduled. A charge will be generated for DA-PCG component #1 if the real-time revenue received for that amount of energy in comparison with the costs as represented in the importer’s day-ahead offer.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for an import				
2	Import receives a Day-Ahead schedule				
3		MP does not revise DA offer for import that was used for the DA Schedule of Record			
4		IESO reduces the demand in real time to create a real time MCP that is lower than the day-ahead incremental energy offer			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		

6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

DRAFT

## Settlements Scenario #8 – DA-IOG Component 2

### Charge Type Description

If, as a result of economic selection, a portion of the day-ahead constrained import schedule is not implemented in the real-time dispatch schedule, the DA-IOG:

- Guarantees the cost of arranging the delivery if the real-time offer is less than the day-ahead offer; or
- Subtracts any gain where the real-time offer is greater than the day-ahead offer.

If there are no real-time energy offers submitted by the market participant for any portion of the day-ahead constrained schedule, the real-time energy offers for that portion of energy will be set to MMCP (Maximum Market Clearing Price) for the purposes of calculating Component 2.

If the real-time energy offers for any portion of the day-ahead constrained schedule is below \$0.00 \$/MWh (i.e. negative), the real-time energy offers for that portion of energy will be set to \$0.00 \$/MWh for the purposes of calculating Component 2.

### Scenario Description

An importer submitted a day-ahead offer and received a day-ahead schedule. A charge/credit will be generated for DA-PCG component #2, for any portion of the day-ahead schedule that is not implemented in real-time, if a) the real-time offer price is less than the day-ahead offer price, or b) the real-time offer price is greater than the day-ahead offer price.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for import				
2	Import receives a Day-Ahead schedule				
3		a) MP decreases RT offer for import that was used for the DA Schedule of Record b) MP increases RT offer for import			

		that was used for the DA Schedule of Record			
4		IESO reduces the demand in real time to increase the likelihood of a import receiving a RT schedule that is less than the DA schedule			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

DRAFT

## Settlements Scenario #9 – DA-IOG Component 3

### Charge Type Description

The calculated DA-IOG payment for an import will be reduced by the income received from real time Congestion Management Settlement Credits (CMSC) for the importer’s day-ahead constrained schedule delivered in real-time.

The importer’s day-ahead constrained schedule will be measured against both the real-time constrained schedule and the real-time unconstrained schedule to determine the amount of revenue from CMSC that should be included in the DA-IOG calculation.

### Scenario Description

An importer submitted a day-ahead offer and received a day-ahead schedule. The IESO will increase the RT demand from the DA forecast and the MP reduces the RT offer price for the import. As a result of these actions, the import may receive a RT unconstrained schedule to a quantity that is higher than the constrained schedule. This will result in a CMSC payment for the quantity of the unconstrained schedule above the constrained schedule. A charge will be generated for DA-IOG component #3, for any income from real-time energy CMSC for the portion of the *importer’s* day-ahead constrained schedule delivered in real-time.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for import				
2	Import receives a Day – Ahead schedule				
3		MP reduces RT offer for import that was used for the DA Schedule of Record.			
4		IESO increases the demand in real time to increase the likelihood of a nominated resource receiving a RT schedule that is greater than or equal to the DA schedule			

5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

DRAFT

## Settlements Scenario #10 – DA-IFC & LWFC

### DA-IFC Charge Type Description

The day-ahead import failure charge is assessed for imports that are scheduled day-ahead but fail to get scheduled in the hour ahead Pre-dispatch (PD-1). The Day-Ahead Import Failure Charge uses the hour-ahead Pre-dispatch price in the calculation. An import that is part of a day-ahead linked wheel is not eligible for a Day-Ahead Import Failure Charge.

If a transaction did not get scheduled in Pre-dispatch and is not exempt from the charge, the import failure charge for the transaction is calculated. The import failure settlement amount is a function of:

- The difference in price between the day-ahead energy offer price submitted and the hour ahead Pre-dispatch Ontario energy price; and
- The difference in quantity between the pre-dispatch schedule and the scheduled quantity from the DACP schedule of Record for each price-quantity pair.

### DA-LWFC Charge Type Description

This charge applies when a day-ahead linked wheel is not scheduled in the hour-ahead Pre-dispatch and does not have a bona-fide reason for the failure. The day-ahead linked wheel failure charge is assessed based on the cost of congestion between the interties where the wheeling transactions were scheduled. This cost of congestion is calculated as the spread of the day-ahead prices at the interties.

### Scenario Description

An importer submitted a day-ahead and received a day-ahead schedule. The IESO will reduce the RT demand from the DA forecast and the importer will increase the RT offer cost, this will result in a reduced real-time MCP and fewer imports being scheduled. A charge will be generated for DA-IFC if the import did not get scheduled in Pre-dispatch and is not exempt from the charge. A charge will also be generated for the DA-LWFC when the day-ahead linked wheel is not scheduled in the hour-ahead Pre-dispatch and does not have a bona-fide reason for the failure.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead offer for import				
2	Import receives a Day –				

	Ahead schedule				
3		MP increases offer price for import that was used for the DA Schedule of Record			
4		IESO reduces the demand in real time to create a real time MCP that is lower than the day-ahead import offer			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

## Settlements Scenario #11 – DA-EFC & LWFC

### DA-EFC Charge Type Description

The Day-Ahead Export Failure Charge is assessed for exports that are scheduled day-ahead but fail to get scheduled in the hour ahead Pre-dispatch. If an export fails between Pre-dispatch and real-time, the export will be assessed a Real-Time Export Failure Charge. An export that is part of a day-ahead linked wheel is not eligible for a Day-Ahead Export Failure Charge.

### DA-LWFC Charge Type Description

This charge applies when a day-ahead linked wheel is not scheduled in the hour-ahead Pre-dispatch and does not have a bona-fide reason for the failure. The day-ahead linked wheel failure charge is assessed based on the cost of congestion between the interties where the wheeling transactions were scheduled. This cost of congestion is calculated as the spread of the day-ahead prices at the interties.

### Scenario Description

An importer submitted a day-ahead and received a day-ahead schedule. The IESO will reduce the RT demand from the DA forecast and the importer will increase the RT offer cost, this will result in a reduced real-time MCP and fewer imports being scheduled. A charge will be generated for DA-IFC if the import did not get scheduled in Pre-dispatch and is not exempt from the charge. A charge will also be generated for the DA-LWFC when the day-ahead linked wheel is not scheduled in the hour-ahead Pre-dispatch and does not have a bona-fide reason for the failure.

### Scenario Execution Steps

Step	Day Ahead (D-1)	Real Time (Trade Day) (D 0)	Initial Calc (D+2CD)	Preliminary Calc (D+4BD)	Settlements & Data File Reports (see calendar)
1	MP submits a day-ahead bid for export				
2	Export receives a Day – Ahead schedule				
3		MP reduces bid price for export that was used for the DA Schedule of Record			
4		IESO increases the demand in real time to create a real			

		time MCP that is higher than the day-ahead export bid			
5			IESO notifies settlements market trials participants of charge types seen in initial calculation		
6				Participant retrieves preliminary settlement statement and data file	
7					Participant retrieves final settlement statement and data file

DRAFT

## Appendix A - Compressed Settlement Calendar

DAY OF THE WEEK		MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
CALENDAR DAYS		25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	06-Aug	07-Aug	08-Aug	09-Aug	10-Aug	11-Aug	12-Aug
CALCULATIONS AND SETTLEMENT STATEMENTS ISSUED ON THE CURRENT CALENDAR DAY FOR THE FOLLOWING TRADE DAYS																				
CONDENSED SETTLEMENT CALENDAR	INITIAL CALCS (PM) Trade Day + 2 CD	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	06-Aug	07-Aug	08-Aug	09-Aug	10-Aug
	PRELIM CALCS Trade Day + 4 BD	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul 24-Jul 25-Jul				26-Jul	27-Jul	28-Jul	29-Jul			30-Jul 31-Jul 01-Aug 02-Aug	03-Aug	04-Aug	05-Aug	06-Aug 07-Aug 08-Aug
	Settlement Statements & Data Files Available for:	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul 22-Jul 23-Jul				24-Jul	25-Jul	26-Jul	27-Jul			28-Jul 29-Jul 30-Jul 31-Jul	01-Aug	02-Aug	03-Aug	04-Aug 05-Aug 06-Aug

## Appendix B – Settlements Market Trials Schedule

Date	Real-Time Demand Adjustment	Scenario #	Scenario Description
July 25 – July 29	Higher Real-Time Demand	3	DA-PCG Component 3
		5	DA-PCG Component 5
		6	DA-Generator Withdrawal Charge
		9	DA-IOG Component 3
		11	DA-EFC & LWFC
August 2 – August 5	Lower Real-Time Demand	1	DA-PCG Component 1
		2	DA-PCG Component 2
		4	DA-PCG Component 4
		7	DA-IOG Component 1
		8	DA-IOG Component 2
		10	DA-IFC & LWFC