

BONNEVILLE POWER ADMINISTRATION

Intrachange Imbalance Settlement Example

	A	B	C	D	E	F	G	H	I	
1	e-Tag at T-57	Tag ID: BPAT_LSEL01000001_BPAT								
2		Tag Code:		1						
3		Tag Type:		Normal						
4		Tag State:		Implemented						
5		Contact:		A. Person						
6										
7		Market Path								
8		PSE		Product		Contract		Misc Info		
9		GENR01		G-F				Yes		
10		LSEL01		L				No		
11										
12		Physical Path & Transmission								
13		CA		PSE		Source/Sink		MO		Contract
14		BPAT		GENR01		GENR01				Misc Info
15										No
16		Physical Path								
17		TP		PSE		POR		POD		SE
18		BPAT		LSEL01		GENR01		LSEL01		MO
19										Misc Info
20										No
21		CA		PSE		Source/Sink		MO		Contract
22		BPAT		LSEL01		LSEL.System				Misc Info
23										No
24		Profiles								
25		Date:		7/7/2021						
26		Timezone:		PPT						
27		Hourly:		Yes						
28				BPAT						
29		Hour Ending		Energy (Gen)		00000001				
30		10		100		100				
31										
32	Transmission Requests									
33	Type		Request #		Requestor		Submission Date		Request State	
34	Tag Creation		0		LSEL01		7/7/2021 6:00 AM		Approved	
35										
36										
37	Request Profile									
38	Date		Request #		HE10					
39	7/7/2021		0		100					
40										
41										

Misc. Info	
Token	Value
IMBALANCE_REASSIGNMENT	Yes

BONNEVILLE POWER ADMINISTRATION

Intrachange Imbalance Settlement Example

	A	B	C	D	E	F	G	H	I														
42	e-Tag after adjustment	Tag ID: BPAT_LSEL01000001_BPAT																					
43		Tag Code: 1																					
44		Tag Type: Normal																					
45		Tag State: Implemented																					
46		Contact: A. Person																					
47																							
48		Market Path																					
49		<table><tr><th>PSE</th><th>Product</th><th>Contract</th><th>Misc Info</th></tr><tr><td>GENR01</td><td>G-F</td><td></td><td>Yes</td></tr><tr><td>LSEL01</td><td>L</td><td></td><td>No</td></tr></table>								PSE	Product	Contract	Misc Info	GENR01	G-F		Yes	LSEL01	L		No		
PSE		Product	Contract	Misc Info																			
GENR01		G-F		Yes																			
LSEL01		L		No																			
50																							
51																							
52																							
53		Physical Path & Transmission																					
54		<table><tr><th>CA</th><th>PSE</th><th>Source/Sink</th><th>MO</th><th>Contract</th><th>Misc Info</th></tr><tr><td>BPAT</td><td>GENR01</td><td>GENR01</td><td></td><td></td><td>No</td></tr></table>								CA	PSE	Source/Sink	MO	Contract	Misc Info	BPAT	GENR01	GENR01			No		
CA		PSE	Source/Sink	MO	Contract	Misc Info																	
BPAT		GENR01	GENR01			No																	
55																							
56																							
57	Physical Path																						
58	<table><tr><th>TP</th><th>PSE</th><th>POR</th><th>POD</th><th>SE</th><th>MO</th><th>Misc Info</th></tr><tr><td>BPAT</td><td>LSEL01</td><td>GENR01</td><td>LSEL01</td><td>BPAT</td><td></td><td>No</td></tr></table>								TP	PSE	POR	POD	SE	MO	Misc Info	BPAT	LSEL01	GENR01	LSEL01	BPAT		No	
TP	PSE	POR	POD	SE	MO	Misc Info																	
BPAT	LSEL01	GENR01	LSEL01	BPAT		No																	
59																							
60																							
61	<table><tr><th>CA</th><th>PSE</th><th>Source/Sink</th><th>MO</th><th>Contract</th><th>Misc Info</th></tr><tr><td>BPAT</td><td>LSEL01</td><td>LSEL.System</td><td></td><td></td><td>No</td></tr></table>								CA	PSE	Source/Sink	MO	Contract	Misc Info	BPAT	LSEL01	LSEL.System			No			
CA	PSE	Source/Sink	MO	Contract	Misc Info																		
BPAT	LSEL01	LSEL.System			No																		
62																							
63																							
64	Profiles																						
65	Date: 7/7/2021																						
66	Timezone: PPT																						
67	Hourly: Yes																						
68	<table><tr><th colspan="3">BPAT</th></tr><tr><th>Hour Ending</th><th>Energy (Gen)</th><th>00000001</th></tr><tr><td>10</td><td>150</td><td>150</td></tr></table>								BPAT			Hour Ending	Energy (Gen)	00000001	10	150	150						
BPAT																							
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10	150	150																					
69																							
70																							
71																							
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Type	Request #	Requestor	Submission Date	Request State																			
Tag Creation	0	LSEL01	7/7/2021 6:00 AM	Approved																			
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74																							
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78	Request Profile																						
79	<table><tr><th>Date</th><th>Request #</th><th>HE10</th></tr><tr><td>7/7/2021</td><td>0</td><td>100</td></tr><tr><td>7/7/2021</td><td>1</td><td>150</td></tr></table>								Date	Request #	HE10	7/7/2021	0	100	7/7/2021	1	150						
Date	Request #	HE10																					
7/7/2021	0	100																					
7/7/2021	1	150																					
80																							
81																							
82																							

Misc. Info	
Token	Value
IMBALANCE_REASSIGNMENT	Yes

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Intrachange Imbalance Settlement Example

83	A	B	C	D	E	F	G	H	I
84	LMP Data	GENR01	xx:00-xx:15	xx:15-xx:30	xx:30-xx:45	xx:45-xy:00	Intrachange Imbalance settlement LMP (See G.11.b)		
85		FMM LMPs	\$ 33.00	\$ 31.00	\$ 29.00	\$ 27.00	\$ 32.75		
86		RTD LMPs	\$ 40.00	\$ 37.00	\$ 35.00	\$ 32.00			
87			\$ 39.00	\$ 36.00	\$ 34.00	\$ 31.00			
88			\$ 38.00	\$ 35.00	\$ 33.00	\$ 30.00			
89									
90	Financial Settlement	Baseline settlement							
91		GENR01	Base Schedule	Adjusted Schedule	Actual Output	Generation Imbalance settlement			
92			100	150	150	\$ (1,637.50)			
93									
94		LSEL01	Load Base Schedule	Actual Load	LAP	Energy Imbalance Settlement			
95			100	160	\$ 38.00	\$ 2,280.00			
96									
97									
98			Intrachange Imbalance Settlement						
99			GENR01	\$ 1,637.50					
100		LSEL01	\$ (1,637.50)						
101									
102		Net Imbalance Settlement							
103		GENR01	\$ -						
104		LSEL01	\$ 642.50						
105									
	Narrative	Because this tag has included the correct token in one of the Market Path Misc. Info fields (see pop-out in cells G2-I4), this tag will receive Intrachange Imbalance settlement. This tag is for Hour Ending 10, which means the T-57 tag deadline occurs at 8:03 AM. As seen in cells B75-F75, an adjustment was made to this tag at 8:32 AM, after the T-57 deadline. This will result in a financial settlement.							
		Without the use of Intrachange Imbalance settlement for this transaction, the settlement associated with the adjustment after the T-57 deadline would be assigned to the generator, and the load would be settled relative to the original 100 MW tag. (See cells B91-G96). Because the customers indicated (via use of the token) the desire for Intrachange Imbalance settlement, the Intrachange Imbalance settlement is performed for this transaction (see cells B98-C100). The net result negates the credit originally allocated to the generator, and assigns that exact amount as a credit to the load, which offsets some of the charge originally allocated to the load.							
		Note that this example assumes the generator output exactly equaled the adjusted schedule. Had the generator output been different, that Uninstructed Imbalance Energy would have been allocated to the generator.							