Resource Information		
Technology type of resource Hydroelectric		
Capacity	150 MW	

Constrained Area Type and Applicable Test Threshold		
Constrained area	BCA	
Conduct test threshold	Energy RL + MIN(300% of Energy RL, \$100/MWh)	
Impact test threshold	RL run Energy LMP + MIN (\$50/MWh, 100% of RL run Energy LMP)	

Energy Offers – Dispatch Data			
PQ #	Price (\$/MWh)	Quantity (MW)	
1	-1999	0	
2	-1999	50	
3	35	75	
4	40	120	
5	800	150	

Energy Offer Reference Level				
PQ #	PQ # Price (\$/MWh) Quantity (MW			
1	45	0		
2	45	150		



Energy Offers — Dispatch Data			
PQ #	Price (\$/MWh)	Quantity (MW)	
1	-1999	0	
2	-1999	50	
3	35	75	
4	40	120	
5	800	150	

Energy Offer Reference Level - Initial				
PQ #	Price (\$/MWh) Quantity (MW)			
1	45	0		
2	45	150		

Pre-processing of the reference level is carried out automatically in the IESO tools to prevent offer tranches below the reference level values being replaced.

The pre-processing step involves introducing low-priced tranches to the reference level curve where needed as shown here.

Energy Offer Reference Level – After Pre-Processing		
PQ #	Price (\$/MWh)	Quantity (MW)
1	-1999	0
2	-1999	50
3	35	75
4	40	120
5	45	150



		<b>Conduct Test</b>		
Lamination	0-50 MWh	50.1-75 MWh	75.1-120 MWh	120.1-150 MWh
Offer Price	\$-1999/MWh	\$35/MWh	\$40/MWh	\$800/MWh
Is the conduct test carried out?	No	Yes	Yes	Yes
Conduct test threshold	N/A	\$45+\$100= \$145/MWh	\$45+\$100= \$145/MWh	\$45+\$100= \$145/MWh
Conduct test outcome	N/A	Pass	Pass	Fail

Impact Test		
Impact test needed? Yes		
Offer that will be used in RL run Reference Level – after pre-processin		
LMP from as-offered run	\$800/MWh	
LMP from reference level run \$45/MWh		
Impact test threshold \$45 + \$45 = \$90/MWh		
Impact test outcome Fail		



Outcome	Mitigation applied

Energy Offers after Mitigation			
PQ #	Price (\$/MWh)	Quantity (MW)	
1	-1999	0	
2	-1999	50	
3	35	75	
4	40	120	
5	45	150	

