



1. Fill out an Defrost Check Worksheet as much as possible for one evaporator.
2. Update your opportunities list in the Excel Tool.

Email defrost check and Excel Tool to: [steve.koski@cascadeenergy.com](mailto:steve.koski@cascadeenergy.com) and [guow@ornl.gov](mailto:guow@ornl.gov)

## Defrost Check

<b>Date:</b>	<b>Site:</b>
<b>Completed By:</b>	<b>Evaporator &amp; Valve Group ID:</b>

### 1) Defrost Settings:

Pump Down: <input style="width: 80px;" type="text"/> min	Condensing Pressure: <input style="width: 80px;" type="text"/> psig
Hot Gas: <input style="width: 80px;" type="text"/> min	Hot Gas Main Regulator Pressure: <input style="width: 80px;" type="text"/> psig
Equalize: <input style="width: 80px;" type="text"/> min	Defrost Pressure Regulator Pressure: <input style="width: 80px;" type="text"/> psig
Fan Delay: <input style="width: 80px;" type="text"/> min	

### 2) Pre Defrost Observations:

Time Since Last Defrost	Total hours:	Hours in cooling:
Frost Load (too light, good, too heavy)		
Pan Ice Present?		
Ice Buildup on Bottom of Coil?		

### 3) Defrost Observations:

Event	Time	Notes
<b>Valve Group Observations</b>		
Pump Down Start		
Hot Gas Start		
Equalize Start		
Fan Delay Start		
Coil in Cooling		
Defrost Pressure	psig	
<b>Coil Observations</b>		
Melting Starts		
Melting Complete		
<b>Melt Water Observations</b>		
Water Begins Flowing		
Water Down to a Trickle		
Water Dripping		