

November 29, 2007

## BONNEVILLE LOCK AND DAM OUTAGE SCHEDULE, CY 2008

|     |     | UNIT  | MW<br>CAPACITY | START            | END              | OUTAGE PURPOSE                                                                                                                                            | Duration |
|-----|-----|-------|----------------|------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| BON | PH1 | 8     | 60             | 9/12/2006 7:00   | 5/15/2008 17:00  | U8 - Turbine rehab - Generator Rewind                                                                                                                     | 12178.0  |
| BON | PH1 | 7     | 60             | 6/4/2007 7:00    | 12/25/2008 17:00 | Rehab Turbine,Stator                                                                                                                                      | 13690.0  |
| BON | PH2 | ONE   | 76             | 8/13/2007 7:00   | 7/9/2008 17:00   | Exciter replacement - one unit at a time - U's 11-18, F2, F1                                                                                              | 7954.0   |
| BON | PH1 | 1     | 60             | 10/23/2007 12:00 | 2/14/2008 1:00   | Unit forced OOS (U3) due to wicket gate sticking                                                                                                          | 2725.0   |
| BON | PH2 | ONE   | 76             | 11/1/2007 7:00   | 4/1/2008 17:00   | U's 14 & 18 FGE modifications, one unit at a time, (U14 4 Year Overhaul, - 11/1 - 12/16), (U18 4 Year Overhaul, Remove Turbine Obstructions - 1/16 - 3/3) | 3658.0   |
| BON | PH2 | 15    | 76             | 11/25/2007 23:30 | 3/31/2008 18:00  | Forced OOS - Rotor pole failure                                                                                                                           | 3042.5   |
| BON | PH2 | ONE   | 13.5           | 12/1/2007 0:00   | 2/28/2008 17:00  | Annual O/haul - Exciter replacement - F2 first, then F1                                                                                                   | 2057.0   |
| BON | PH1 | 1     | 54             | 1/7/2008 0:00    | 1/25/2008 17:00  | Post rehab punch list items                                                                                                                               | 449.0    |
| BON | PH2 | THREE | 228            | 1/24/2008 5:00   | 1/24/2008 17:00  | ROV inspection for debris at U11/12 - U's 11-13 will be OOS                                                                                               | 12.0     |
| BON | PH1 | 2     | 54             | 1/28/2008 0:00   | 2/7/2008 17:00   | Efficiency testing with U1                                                                                                                                | 257.0    |
| BON | PH2 | ONE   | 76             | 2/18/2008 7:00   | 2/21/2008 17:00  | Rake PH 2 Unit Trash Rack, Install STS                                                                                                                    | 82.0     |
| BON | PH2 | ONE   | 76             | 2/25/2008 7:00   | 2/29/2008 17:00  | Rake PH 2 Unit Trash Rack, Install STS                                                                                                                    | 106.0    |
| BON | PH1 | ONE   | 60             | 3/17/2008 7:00   | 3/21/2008 17:00  | Rake PH 1 Unit Trash Rack,                                                                                                                                | 106.0    |
| BON | PH2 | ONE   | 76             | 3/25/2008 7:00   | 3/27/2008 17:00  | STS Inspection, 11-18                                                                                                                                     | 58.0     |
| BON | PH1 | 3     | 60             | 4/14/2008 7:00   | 5/30/2008 17:00  | PH 1 Unit Five Year O/Haul, turbine obstructions                                                                                                          | 1114.0   |
| BON | PH1 | 0     | 5              | 4/15/2008 7:00   | 4/16/2008 17:00  | Annual Maint                                                                                                                                              | 34.0     |
| BON | PH2 | ONE   | 76             | 4/22/2008 7:00   | 4/25/2008 17:00  | STS Inspection, 11-18                                                                                                                                     | 82.0     |
| BON | PH2 | ONE   | 76             | 5/20/2008 0:00   | 5/22/2008 17:00  | STS Inspection, 11-18                                                                                                                                     | 65.0     |
| BON | PH2 | ONE   | 76             | 6/24/2008 7:00   | 6/26/2008 17:00  | STS Inspection, 11-18                                                                                                                                     | 58.0     |
| BON | PH1 | 1     | 54             | 7/12/2008 0:00   | 8/20/2008 17:00  | PH 1 Unit Five Year O/Haul, turbine obstructions, 300G installation                                                                                       | 953.0    |
| BON | PH2 | 13    | 76             | 7/14/2008 0:00   | 7/15/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH2 | 14    | 76             | 7/21/2008 0:00   | 7/22/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH2 | 15    | 76             | 7/28/2008 7:00   | 9/25/2008 17:00  | Cavitation repair                                                                                                                                         | 1426.0   |
| BON | PH2 | ONE   | 76             | 7/22/2008 7:00   | 7/24/2008 17:00  | STS Inspection                                                                                                                                            | 58.0     |
| BON | PH2 | TWO   | 26             | 7/29/2008 0:00   | 7/29/2008 18:00  | Collection Channel Dive, Brush Rigging, F1 and F2                                                                                                         | 18.0     |
| BON | PH1 | 9     | 60             | 7/1/2008 7:00    | 12/20/2009 17:00 | U9 - Turbine rehab - Generator Rewind                                                                                                                     | 12178.0  |
| BON | PH2 | FOUR  | 304            | 8/4/2008 0:00    | 8/7/2008 17:00   | T11 Bi/Ann Maint, U's 11 and 12 Annual, Install T11 Fault gas monitor, install sync PT's - <b>will need Line 3 switching by TBL</b>                       | 89.0     |
| BON | PH2 | FOUR  | 304            | 8/11/2008 0:00   | 8/14/2008 17:00  | T12 Bi/Ann Maint, U's16 and 18 Annual, Install T12 Fault gas monitor, install sync PT's- <b>will need Line 4 switching by TBL</b>                         | 89.0     |
| BON | PH1 | 2     | 54             | 8/23/2008 0:00   | 8/24/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH1 | 4     | 60             | 8/25/2008 0:00   | 8/26/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH2 | ONE   | 76             | 8/26/2008 7:00   | 8/28/2008 17:00  | STS Inspection 11-18                                                                                                                                      | 58.0     |
| BON | PH1 | 5     | 60             | 8/27/2008 0:00   | 8/28/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH1 | 6     | 60             | 9/8/2008 0:00    | 9/9/2008 17:00   | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH1 | 10    | 60             | 9/10/2008 0:00   | 9/11/2008 17:00  | Annual Maint                                                                                                                                              | 41.0     |
| BON | PH2 | 17    | 76             | 9/8/2008 7:00    | 10/30/2008 17:00 | 4 year overhaul                                                                                                                                           | 1258.0   |
| BON | PH2 | ONE   | 76             | 9/15/2008 7:00   | 9/18/2008 17:00  | STS Inspection 11-18                                                                                                                                      | 82.0     |
| BON | PH2 | ONE   | 76             | 10/13/2008 7:00  | 10/16/2008 17:00 | STS Inspection, 11-18                                                                                                                                     | 82.0     |
| BON | PH2 | ONE   | 76             | 11/11/2008 7:00  | 11/13/2008 17:00 | STS Inspection, 11-18                                                                                                                                     | 58.0     |
| BON | PH2 | ONE   | 76             | 12/1/2008 0:00   | 2/22/2009 17:00  | DC/Preferred AC upgrades - one unit at a time                                                                                                             | 2009.0   |
| BON | PH2 | F1    | 13.5           | 12/1/2008 0:00   | 2/22/2009 17:00  | Annual O/haul, Fishway outage                                                                                                                             | 2009.0   |
| BON | PH2 | F2    | 13.5           | 12/1/2008 0:00   | 2/22/2009 17:00  | Annual O/haul, Fishway outage                                                                                                                             | 2009.0   |
| BON | PH2 | ONE   | 76             | 12/15/2008 7:00  | 12/18/2008 17:00 | Remove STS, Season End, Units 11-18                                                                                                                       | 82.0     |