

Exhibit ____ (GWE-4)

**Otter Tail Power Company
Load & Capability Balance
Base Case Planning Scenario
October 2006**

With Luverne Wind Farm

	Winter <u>2005</u>	Summer <u>2006</u>	Winter <u>2006</u>	Summer <u>2007</u>	Winter <u>2007</u>	Summer <u>2008</u>	Winter <u>2008</u>	Summer <u>2009</u>	Winter <u>2009</u>	Summer <u>2010</u>	Winter <u>2010</u>	Summer <u>2011</u>	Winter <u>2011</u>	Summer <u>2012</u>	Winter <u>2012</u>
Seasonal Max Demand	733	665	747	681	779	718	788	728	801	743	810	755	819	767	832
Schedule L Purchases	80	29	80	29	80	29	80	29	80	29	80	29	80	29	80
Seasonal System Demand	653	636	667	652	699	689	708	699	721	714	730	726	739	738	752
Annual System Demand	689	653	667	667	699	699	708	708	721	721	730	730	739	739	752
Firm Purchases - Total	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6
Firm Sales - Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Adjusted Net Demand	647	631	661	647	693	684	702	694	715	709	724	721	733	733	746
Annual Adjusted Net Demand	683	647	661	661	693	693	702	702	715	715	724	724	733	733	746
Existing Net Generating Capacity	704	675	705	679	705	679	705	679	705	679	705	679	705	679	705
Participation Purchases	102	52	52	52	52	52	52	52	52	2	2	2	2	2	2
Participation Sales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted Net Existing Capability	806	727	757	731	757	731	757	731	757	681	707	681	707	681	707
Net Reserve Capacity Obligation	102	97	99	99	104	104	105	105	107	107	109	109	110	110	112
Total Firm Capacity Obligation	749	728	760	746	797	788	807	799	822	816	833	830	843	843	858
Surplus or Deficit Capacity	57	(1)	(3)	(15)	(40)	(57)	(50)	(68)	(65)	(135)	(126)	(149)	(136)	(162)	(151)

Base Case Planning Scenario Additions:

Potlatch Biomass	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
DSM/Conservation	8	5	11	6	14	8	17	9	22	11	26	13	31	15	36
Short Term Purchases	20	32	87	50	70	70	80	80	95	125	-	-	-	-	-
Big Stone Plant II	-	-	-	-	-	-	-	-	-	-	122	115	122	115	122
Wind	-	-	-	-	8	6	32	24	32	24	32	24	32	24	32
Transmission Loss Reduction	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
GE LM6000 CT-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GE LM6000 CT-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GE LM6000 CT-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGCC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MHEB Purchase	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50
Total Additions	35	44	99	59	94	86	131	116	150	212	231	204	236	206	242
Seasonal Adjusted Net Demand	640	626	651	640	679	676	686	684	695	698	701	708	705	719	714
Annual Adjusted Net Demand	683	640	651	651	679	679	686	686	695	698	701	708	708	719	719
Adjusted Net Capability	832	765	844	781	835	807	869	835	884	880	911	870	911	870	911
Net Reserve Capacity Obligation	102	96	98	98	102	102	103	103	104	105	105	106	106	108	108
Total Firm Capacity Obligation	742	721	748	737	781	777	788	787	799	803	806	815	812	827	821
Surplus or Deficit Capacity	90	43	96	44	54	30	81	48	85	77	105	55	99	43	89

**Otter Tail Power Company
Load & Capability Balance
Base Case Planning Scenario
October 2006**

With Luverne Wind Farm

	Summer <u>2013</u>	Winter <u>2013</u>	Summer <u>2014</u>	Winter <u>2014</u>	Summer <u>2015</u>	Winter <u>2015</u>	Summer <u>2016</u>	Winter <u>2016</u>	Summer <u>2017</u>	Winter <u>2017</u>	Summer <u>2018</u>	Winter <u>2018</u>	Summer <u>2019</u>	Winter <u>2019</u>	Summer <u>2020</u>
Seasonal Max Demand	783	841	794	850	806	862	822	871	833	879	844	886	855	894	866
Schedule L Purchases	29	80	29	80	29	80	29	80	29	80	29	80	29	80	29
Seasonal System Demand	754	761	765	770	777	782	793	791	804	799	815	806	826	814	837
Annual System Demand	754	761	765	770	777	782	793	793	804	804	815	815	826	826	837
Firm Purchases - Total	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5
Firm Sales - Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Adjusted Net Demand	749	755	760	764	772	776	788	785	799	793	810	800	821	808	832
Annual Adjusted Net Demand	749	755	760	764	772	776	788	788	799	799	810	810	821	821	832
Existing Net Generating Capacity	679	705	679	705	679	705	679	705	679	562	537	562	537	562	537
Participation Purchases	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Participation Sales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted Net Existing Capability	681	707	681	707	681	707	681	707	681	564	539	564	539	564	539
Net Reserve Capacity Obligation	112	113	114	115	116	116	118	118	120	120	122	122	123	123	125
Total Firm Capacity Obligation	861	868	874	879	888	892	906	903	919	913	932	922	944	931	957
Surplus or Deficit Capacity	(180)	(161)	(193)	(172)	(207)	(185)	(225)	(196)	(238)	(349)	(393)	(358)	(405)	(367)	(418)

Base Case Planning Scenario Additions:

Potlatch Biomass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSM/Conservation	14	38	16	43	17	47	19	51	21	54	22	59	25	65	30
Short Term Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Stone Plant II	115	122	115	122	115	122	115	122	115	122	115	122	115	122	115
Wind	24	32	24	32	24	32	24	32	24	32	24	32	24	32	24
Transmission Loss Reduction	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GE LM6000 CT-A	-	-	-	-	-	-	-	-	-	48	43	48	43	48	43
GE LM6000 CT-B	-	-	-	-	-	-	-	-	-	48	43	48	43	48	43
GE LM6000 CT-C	-	-	-	-	-	48	43	48	43	48	43	48	43	48	43
IGCC	-	-	-	-	-	-	-	-	-	88	73	88	73	88	73
MHEB Purchase	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Total Additions	205	244	207	249	208	301	253	305	254	493	414	498	417	503	421
Seasonal Adjusted Net Demand	735	721	745	726	756	735	770	740	780	745	789	748	798	751	805
Annual Adjusted Net Demand	735	735	745	745	756	756	770	770	780	780	789	789	798	798	805
Adjusted Net Capability	870	911	870	911	870	959	913	959	913	1,001	928	1,001	928	1,001	928
Net Reserve Capacity Obligation	110	110	112	112	113	113	116	116	117	117	118	118	120	120	121
Total Firm Capacity Obligation	846	831	857	837	869	848	886	856	897	862	908	866	917	871	926
Surplus or Deficit Capacity	24	79	13	73	1	111	27	103	16	139	21	135	11	130	2

**Otter Tail Power Company
Load & Capability Balance
Base Case Planning Scenario
October 2006**

Without Luverne Wind Farm

	Winter 2005	Summer 2006	Winter 2006	Summer 2007	Winter 2007	Summer 2008	Winter 2008	Summer 2009	Winter 2009	Summer 2010	Winter 2010	Summer 2011	Winter 2011	Summer 2012	Winter 2012
Seasonal Max Demand	733	665	747	681	779	718	788	728	801	743	810	755	819	767	832
Schedule L Purchases	80	29	80	29	80	29	80	29	80	29	80	29	80	29	80
Seasonal System Demand	653	636	667	652	699	689	708	699	721	714	730	726	739	738	752
Annual System Demand	689	653	667	667	699	699	708	708	721	721	730	730	739	739	752
Firm Purchases - Total	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6
Firm Sales - Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Adjusted Net Demand	647	631	661	647	693	684	702	694	715	709	724	721	733	733	746
Annual Adjusted Net Demand	683	647	661	661	693	693	702	702	715	715	724	724	733	733	746
Existing Net Generating Capacity	704	675	705	679	705	679	705	679	705	679	705	679	705	679	705
Participation Purchases	102	52	52	52	52	52	52	52	52	2	2	2	2	2	2
Participation Sales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted Net Existing Capability	806	727	757	731	757	731	757	731	757	681	707	681	707	681	707
Net Reserve Capacity Obligation	102	97	99	99	104	104	105	105	107	107	109	109	110	110	112
Total Firm Capacity Obligation	749	728	760	746	797	788	807	799	822	816	833	830	843	843	858
Surplus or Deficit Capacity	57	(1)	(3)	(15)	(40)	(57)	(50)	(68)	(65)	(135)	(126)	(149)	(136)	(162)	(151)

Base Case Planning Scenario Additions:

Potlatch Biomass	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
DSM/Conservation	8	5	11	6	14	8	17	9	22	11	26	13	31	15	36
Short Term Purchases	20	32	87	50	70	70	80	80	95	125	-	-	-	-	-
Big Stone Plant II	-	-	-	-	-	-	-	-	-	-	122	115	122	115	122
Wind	-	-	-	-	8	6	22	17	22	17	22	17	22	17	22
Transmission Loss Reduction	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
GE LM6000 CT-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GE LM6000 CT-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GE LM6000 CT-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IGCC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MHEB Purchase	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50
Total Additions	35	44	99	59	94	86	121	108	140	205	221	196	226	198	232
Seasonal Adjusted Net Demand	640	626	651	640	679	676	686	684	695	698	701	708	705	719	714
Annual Adjusted Net Demand	683	640	651	651	679	679	686	686	695	698	701	708	708	719	719
Adjusted Net Capability	832	765	844	781	835	807	859	828	874	873	901	863	901	863	901
Net Reserve Capacity Obligation	102	96	98	98	102	102	103	103	104	105	105	106	106	108	108
Total Firm Capacity Obligation	742	721	748	737	781	777	788	787	799	803	806	815	812	827	821
Surplus or Deficit Capacity	90	43	96	44	54	30	71	40	75	70	95	48	89	36	79

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Base Case Planning Scenario
October 2006**

Without Luverne Wind Farm

	Summer 2013	Winter 2013	Summer 2014	Winter 2014	Summer 2015	Winter 2015	Summer 2016	Winter 2016	Summer 2017	Winter 2017	Summer 2018	Winter 2018	Summer 2019	Winter 2019	Summer 2020
Seasonal Max Demand	783	841	794	850	806	862	822	871	833	879	844	886	855	894	866
Schedule L Purchases	29	80	29	80	29	80	29	80	29	80	29	80	29	80	29
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Annual System Demand	754	761	765	770	777	782	793	793	804	804	815	815	826	826	837
Firm Purchases - Total	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5
Firm Sales - Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Adjusted Net Demand	749	755	760	764	772	776	788	785	799	793	810	800	821	808	832
Annual Adjusted Net Demand	749	755	760	764	772	776	788	788	799	799	810	810	821	821	832
Existing Net Generating Capacity	679	705	679	705	679	705	679	705	679	562	537	562	537	562	537
Participation Purchases	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Participation Sales	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adjusted Net Existing Capability	681	707	681	707	681	707	681	707	681	564	539	564	539	564	539
Net Reserve Capacity Obligation	112	113	114	115	116	116	118	118	120	120	122	122	123	123	125
Total Firm Capacity Obligation	861	868	874	879	888	892	906	903	919	913	932	922	944	931	957
Surplus or Deficit Capacity	(180)	(161)	(193)	(172)	(207)	(185)	(225)	(196)	(238)	(349)	(393)	(358)	(405)	(367)	(418)

Base Case Planning Scenario Additions:

Potlatch Biomass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSM/Conservation	14	38	16	43	17	47	19	51	21	54	22	59	25	65	30
Short Term Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Big Stone Plant II	115	122	115	122	115	122	115	122	115	122	115	122	115	122	115
Wind	17	22	17	22	17	22	17	22	17	22	17	22	17	22	17
Transmission Loss Reduction	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
GE LM6000 CT-A	-	-	-	-	-	-	-	-	-	48	43	48	43	48	43
GE LM6000 CT-B	-	-	-	-	-	-	-	-	-	48	43	48	43	48	43
GE LM6000 CT-C	-	-	-	-	-	48	43	48	43	48	43	48	43	48	43
IGCC	-	-	-	-	-	-	-	-	-	88	73	88	73	88	73
MHEB Purchase	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Total Additions	198	234	199	239	201	291	245	295	247	483	406	488	409	493	413
Seasonal Adjusted Net Demand	735	721	745	726	756	735	770	740	780	745	789	748	798	751	805
Annual Adjusted Net Demand	735	735	745	745	756	756	770	770	780	780	789	789	798	798	805
Adjusted Net Capability	863	901	863	901	863	949	905	949	905	991	921	991	921	991	921
Net Reserve Capacity Obligation	110	110	112	112	113	113	116	116	117	117	118	118	120	120	121
Total Firm Capacity Obligation	846	831	857	837	869	848	886	856	897	862	908	866	917	871	926
Surplus or Deficit Capacity	17	69	6	63	(6)	101	19	93	8	129	13	125	4	120	(5)