



Takira Thompson
Division of Engineering
Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Sep 05, 2018

Dear Ms. Thompson,

Re: Response on “Revised Supplemental Data Request #3 on 2018 Ten-Year Site Plan - Lakeland Electric”

As per your Supplemental Data Request (**Reference # 20180000-OT**) dated Aug 15, 2018, here is a copy of the responses we have prepared. Please let me know if you have any questions or comments.

Thank you for your support.

Sincerely,

Shankar Karki

Engineer IV, SMIEEE
Energy Production – Power Resources
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E-mail: shankar.karki@lakelandelectric.com

1. Please refer to Schedule 3.2 “History and Forecast Winter Peak Demand (MW)” of Lakeland Electric’s 2013 through 2018 Ten Year Site Plans (TYSPs). The actual winter peak demand (MW) for the period 2010/11 is reported to be 665 MW in the latest TYSPs, which is lower than that 705 MW reported in the earlier TYSPs as shown in the following table. Please explain the reason for the reduction in actual demand, and, if necessary, provide the correct record.

Period	Actual Winter Peak Demand (MW)				
	2018 TYSP	2017 TYSP	2016 TYSP	2015 TYSP	2013 TYSP
2009/10	804	804	804	804	804
2010/11	665	665	665	709	709
2011/12	612	612	612	612	612

665 MW of winter peak load for year 2010/11 reported in 2016-2018 TYSPs was an error. It should have been 709 MW as reported in 2013 and 2015 TYSPs. Hence the following Table will depict the correct numbers.

Period	Actual Winter Peak Demand (MW)				
	2018 TYSP	2017 TYSP	2016 TYSP	2015 TYSP	2013 TYSP
2009/10	804	804	804	804	804
2010/11	709	709	709	709	709
2011/12	612	612	612	612	612

2. Please provide an electronic copy (in Excel format) of Schedule 3.1 “History and Forecast of Summer Peak Demand (MW)” and Schedule 3.2 “History and Forecast Winter Peak Demand (MW)” contained in Lakeland Electric’s 2014 TYSPs.

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)									
TYSP 2014									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conser vation	
2004	584	0	584	0	0	0	0	0	584
2005	639	0	639	0	0	0	0	0	639
2006	631	0	631	0	0	0	0	0	631
2007	648	0	648	0	0	0	0	0	648
2008	615	0	615	0	0	0	0	0	615
2009	625	0	625	0	0	0	0	0	625
2010	638	0	638	0	0	0	0	0	638
2011	611	0	611	0	0	0	0	0	611
2012	590	0	590	0	0	0	0	0	590
2013	602	0	602	0	0	0	0	0	602
Forecast									
2014	624	0	624	0	0	0	0	0	624
2015	632	0	632	0	0	0	0	0	632
2016	642	0	642	0	0	0	0	0	642
2017	648	0	648	0	0	0	0	0	648
2018	655	0	655	0	0	0	0	0	655
2019	662	0	662	0	0	0	0	0	662
2020	668	0	668	0	0	0	0	0	668
2021	675	0	675	0	0	0	0	0	675
2022	684	0	684	0	0	0	0	0	684
2023	690	0	690	0	0	0	0	0	690

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)									
TYSP 2014									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Comm./Ind.		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
2004/05	648	0	648	0	0	0	0	0	648
2005/06	680	0	680	0	0	0	0	0	680
2006/07	596	0	596	0	0	0	0	0	596
2007/08	684	0	684	0	0	0	0	0	684
2008/09	710	0	710	0	0	0	0	0	710
2009/10	804	0	804	0	0	0	0	0	804
2010/11	709*	0	709*	0	0	0	0	0	709*
2011/12	612	0	612	0	0	0	0	0	612
2012/13	553	0	553	0	0	0	0	0	553
2013/14	579	0	579	0	0	0	0	0	579
Forecast									
2014/15	689	0	689	0	0	0	0	0	689
2015/16	702	0	702	0	0	0	0	0	702
2016/17	709	0	709	0	0	0	0	0	709
2017/18	717	0	717	0	0	0	0	0	717
2018/19	725	0	725	0	0	0	0	0	725
2019/20	728	0	728	0	0	0	0	0	728
2020/21	736	0	736	0	0	0	0	0	736
2021/22	743	0	743	0	0	0	0	0	743
2022/23	750	0	750	0	0	0	0	0	750
2023/24	758	0	758	0	0	0	0	0	758

Note: * Revised Number

3. Please provide an electronic copy (in Excel format) of Schedule 3.1 “History and Forecast of Summer Peak Demand (MW)” and Schedule 3.2 “History and Forecast Winter Peak Demand (MW)” contained in Lakeland Electric’s 1999 through 2010 TYSPs.

Lakeland believes electronic submission for TYSP was not available until 2004. Also, Lakeland did not have electronic form of data records for the years before 2004. We were not confident enough which data sets were provided to Florida Public Service Commission before 2004. In order to avoid conflicting information, we have decided to report Schedules 3.1 and 3.2 as reported in TYSPs 2004 and onwards. Schedules 3.1 and 3.2 from TYSPs 2004 to 2010 are presented in pages 5 through 18.

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2004

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1994	455	0	455	0	0	0	0	0	455
1995	481	0	481	0	0	0	0	0	481
1996	490	0	490	0	8*	0	0	0	482
1997	509	0	509	0	0	0	0	0	509
1998	535	0	535	0	0	0	0	0	535
1999	557	0	557	0	22	0	0	0	535
2000	573	0	573	0	21	0	0	0	552
2001	546	0	546	0	0	0	0	0	546
2002	576	0	576	0	0	0	0	0	576
2003	579	0	579	0	0	0	0	0	579
Forecast									
2004	603	0	603	12	0	0	0	0	591
2005	617	0	617	13	0	0	0	0	604
2006	631	0	631	13	0	0	0	0	618
2007	645	0	645	13	0	0	0	0	632
2008	657	0	657	13	0	0	0	0	644
2009	671	0	671	13	0	0	0	0	658
2010	685	0	685	13	0	0	0	0	672
2011	699	0	699	13	0	0	0	0	686
2012	713	0	713	14	0	0	0	0	699
2013	728	0	728	14	0	0	0	0	714

Note: * Revised Number

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2004

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential			Comm./Ind.			Net Firm Demand
					Load Management	Conservation		Load Management	Conservation		
1994/95	578	0	578	0	40	0	0		0		538
1995/96	655	0	655	0	45	0	0		0		610
1996/97	552	0	552	0	0	0	0		0		552
1997/98	476	0	476	0	0	0	0		0		476
1998/99	611	0	611	0	0	0	0		0		611
1999/2000	661	0	661	0	51	0	0		0		610
2000/01	706	0	706	0	51	0	0		0		655
2001/02	659	0	659	0	0	0	0		0		659
2002/03	694	0	694	0	0	0	0		0		694
2003/04	578	0	578	0	0	0	0		0		578
Forecast											
2004/05	729	0	729	10	0	0	0		0		719
2005/06	741	0	741	11	0	0	0		0		730
2006/07	758	0	758	11	0	0	0		0		747
2007/08	774	0	774	11	0	0	0		0		763
2008/09	791	0	791	11	0	0	0		0		780
2009/10	806	0	806	11	0	0	0		0		795
2010/11	822	0	822	11	0	0	0		0		811
2011/12	841	0	841	11	0	0	0		0		830
2012/13	759	0	859	11	0	0	0		0		848
2013/14	877	0	877	11	0	0	0		0		866

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2005

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1995	481	0	481	0	0	0	0	0	481
1996	490	0	490	0	8*	0	0	0	482
1997	509	0	509	0	0	0	0	0	509
1998	535	0	535	0	0	0	0	0	535
1999	557	0	557	0	22	0	0	0	535
2000	573	0	573	0	21	0	0	0	552
2001	546	0	546	0	0	0	0	0	546
2002	576	0	576	0	0	0	0	0	576
2003	579	0	579	0	0	0	0	0	579
2004	580	0	580	0	0	0	0	0	580
Forecast									
2005	617	0	617	14	0	0	0	0	603
2006	635	0	635	14	0	0	0	0	621
2007	649	0	649	14	0	0	0	0	635
2008	662	0	662	14	0	0	0	0	648
2009	675	0	675	14	0	0	0	0	661
2010	688	0	688	14	0	0	0	0	674
2011	701	0	701	14	0	0	0	0	687
2012	715	0	715	14	0	0	0	0	701
2013	728	0	728	14	0	0	0	0	714
2014	742	0	742	14	0	0	0	0	728

Note: * Revised Number

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2005

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Comm./Ind.		Net Firm Demand		
					Load Management	Conservation	Load Management	Conservation			
1995/96	655	0	655	0	45	0	0		0		610
1996/97	552	0	552	0	0	0	0		0		552
1997/98	476	0	476	0	0	0	0		0		476
1998/99	611	0	611	0	0	0	0		0		611
1999/2000	661	0	661	0	51	0	0		0		610
2000/01	706	0	706	0	51	0	0		0		655
2001/02	659	0	659	0	0	0	0		0		659
2002/03	694	0	694	0	0	0	0		0		694
2003/04	578	0	578	0	0	0	0		0		578
2004/05	648	0	648	0	0	0	0		0		648
Forecast											
2005/06	712	0	712	11	0	0	0		0		701
2006/07	732	0	732	11	0	0	0		0		721
2007/08	748	0	748	11	0	0	0		0		737
2008/09	762	0	762	11	0	0	0		0		751
2009/10	776	0	776	11	0	0	0		0		765
2010/11	791	0	791	11	0	0	0		0		780
2011/12	805	0	805	11	0	0	0		0		794
2012/13	820	0	820	11	0	0	0		0		809
2013/14	836	0	836	12	0	0	0		0		824
2014/15	852	0	852	12	0	0	0		0		840

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2006

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1996	490	0	490	0	8*	0	0	0	482
1997	509	0	509	0	0	0	0	0	509
1998	535	0	535	0	0	0	0	0	535
1999	557	0	557	0	22	0	0	0	535
2000	573	0	573	0	21	0	0	0	552
2001	546	0	546	0	0	0	0	0	546
2002	576	0	576	0	0	0	0	0	576
2003	579	0	579	0	0	0	0	0	579
2004	580	0	580	0	0	0	0	0	580
2005	639	0	639	0	0	0	0	0	639
Forecast									
2006	621	0	621	0	0	0	0	0	621
2007	629	0	629	0	0	0	0	0	629
2008	638	0	638	0	0	0	0	0	638
2009	648	0	648	0	0	0	0	0	648
2010	657	0	657	0	0	0	0	0	657
2011	666	0	666	0	0	0	0	0	666
2012	675	0	675	0	0	0	0	0	675
2013	684	0	684	0	0	0	0	0	684
2014	694	0	694	0	0	0	0	0	694
2015	704	0	704	0	0	0	0	0	704

Note: * Revised Number

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2006

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential			Comm./Ind.			Net Firm Demand
					Load Management	Conservation		Load Management	Conservation		
1996/97	552	0	552	0	0	0	0		0		552
1997/98	476	0	476	0	0	0	0		0		476
1998/99	611	0	611	0	0	0	0		0		611
1999/2000	661	0	661	0	51	0	0		0		610
2000/01	706	0	706	0	51	0	0		0		655
2001/02	659	0	659	0	0	0	0		0		659
2002/03	694	0	694	0	0	0	0		0		694
2003/04	578	0	578	0	0	0	0		0		578
2004/05	648	0	648	0	0	0	0		0		648
2005/06	700	0	700	0	0	0	0		0		700
Forecast											
2006/07	710	0	710	0	0	0	0		0		710
2007/08	721	0	721	0	0	0	0		0		721
2008/09	733	0	733	0	0	0	0		0		733
2009/10	744	0	744	0	0	0	0		0		744
2010/11	755	0	755	0	0	0	0		0		755
2011/12	766	0	766	0	0	0	0		0		766
2012/13	777	0	777	0	0	0	0		0		777
2013/14	788	0	788	0	0	0	0		0		788
2014/15	799	0	799	0	0	0	0		0		799
2015/16	812	0	812	0	0	0	0		0		812

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2007

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1997	509	0	509	0	0	0	0	0	509
1998	550	0	550	0	0	0	0	0	550
1999	542	0	542	0	22	0	0	0	520
2000	556	0	556	0	21	0	0	0	525
2001	549	0	549	0	0	0	0	0	549
2002	578	0	578	0	0	0	0	0	578
2003	579	0	579	0	0	0	0	0	579
2004	584	0	584	0	0	0	0	0	584
2005	639	0	639	0	0	0	0	0	639
2006	631	0	631	0	0	0	0	0	631
Forecast									
2007	635	0	635	0	0	0	0	0	635
2008	641	0	641	0	0	0	0	0	641
2009	648	0	648	0	0	0	0	0	648
2010	655	0	655	0	0	0	0	0	655
2011	662	0	662	0	0	0	0	0	662
2012	669	0	669	0	0	0	0	0	669
2013	676	0	676	0	0	0	0	0	676
2014	684	0	684	0	0	0	0	0	684
2015	691	0	691	0	0	0	0	0	691
2015	700	0	700	0	0	0	0	0	700

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2007

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential			Comm./Ind.			Net Firm Demand
					Load Management	Conservation		Load Management	Conservation		
1997/98	487	0	487	0	0	0	0	0	0	0	487
1998/99	613	0	613	0	51	0	0	0	0	0	562
1999/2000	610	0	610	0	51	0	0	0	0	0	559
2000/01	656	0	656	0	0	0	0	0	0	0	656
2001/02	659	0	659	0	0	0	0	0	0	0	659
2002/03	694	0	694	0	0	0	0	0	0	0	694
2003/04	570	0	570	0	0	0	0	0	0	0	570
2004/05	648	0	648	0	0	0	0	0	0	0	648
2005/06	680	0	680	0	0	0	0	0	0	0	680
2006/07	596	0	596	0	0	0	0	0	0	0	596
Forecast											
2007/08	706	0	706	0	0	0	0	0	0	0	706
2008/09	713	0	713	0	0	0	0	0	0	0	713
2009/10	721	0	721	0	0	0	0	0	0	0	721
2010/11	730	0	730	0	0	0	0	0	0	0	730
2011/12	738	0	738	0	0	0	0	0	0	0	738
2012/13	747	0	747	0	0	0	0	0	0	0	747
2013/14	756	0	756	0	0	0	0	0	0	0	756
2014/15	765	0	765	0	0	0	0	0	0	0	765
2015/16	775	0	775	0	0	0	0	0	0	0	775
2016/17	785	0	785	0	0	0	0	0	0	0	785

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2008

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1998	550	0	550	0	0	0	0	0	550
1999	542	0	542	0	22	0	0	0	520
2000	556	0	556	0	21	0	0	0	525
2001	549	0	549	0	0	0	0	0	549
2002	578	0	578	0	0	0	0	0	578
2003	579	0	579	0	0	0	0	0	579
2004	584	0	584	0	0	0	0	0	584
2005	639	0	639	0	0	0	0	0	639
2006	631	0	631	0	0	0	0	0	631
2007	648	0	648	0	0	0	0	0	648
Forecast									
2008	647	0	647	0	0	0	0	0	647
2009	654	0	654	0	0	0	0	0	654
2010	660	0	660	0	0	0	0	0	660
2011	667	0	667	0	0	0	0	0	667
2012	674	0	674	0	0	0	0	0	674
2013	682	0	682	0	0	0	0	0	682
2014	691	0	691	0	0	0	0	0	691
2015	700	0	700	0	0	0	0	0	700
2016	710	0	710	0	0	0	0	0	710
2017	721	0	721	0	0	0	0	0	721

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2008

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential			Comm./Ind.			Net Firm Demand
					Load Management	Conservation		Load Management	Conservation		
1998/99	613	0	613	0	51	0	0	0	0	0	562
1999/2000	610	0	610	0	51	0	0	0	0	0	559
2000/01	656	0	656	0	0	0	0	0	0	0	656
2001/02	659	0	659	0	0	0	0	0	0	0	659
2002/03	694	0	694	0	0	0	0	0	0	0	694
2003/04	570	0	570	0	0	0	0	0	0	0	570
2004/05	648	0	648	0	0	0	0	0	0	0	648
2005/06	680	0	680	0	0	0	0	0	0	0	680
2006/07	596	0	596	0	0	0	0	0	0	0	596
2007/08	669	0	669	0	0	0	0	0	0	0	669
Forecast											
2008/09	685	0	685	0	0	0	0	0	0	0	685
2009/10	693	0	693	0	0	0	0	0	0	0	693
2010/11	701	0	701	0	0	0	0	0	0	0	701
2011/12	709	0	709	0	0	0	0	0	0	0	709
2012/13	717	0	717	0	0	0	0	0	0	0	717
2013/14	726	0	726	0	0	0	0	0	0	0	726
2014/15	736	0	736	0	0	0	0	0	0	0	736
2015/16	746	0	746	0	0	0	0	0	0	0	746
2016/17	757	0	757	0	0	0	0	0	0	0	757
2017/18	769	0	769	0	0	0	0	0	0	0	769

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2009

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
1999	542	0	542	0	22	0	0	0	520
2000	556	0	556	0	21	0	0	0	525
2001	549	0	549	0	0	0	0	0	549
2002	578	0	578	0	0	0	0	0	578
2003	579	0	579	0	0	0	0	0	579
2004	584	0	584	0	0	0	0	0	584
2005	639	0	639	0	0	0	0	0	639
2006	631	0	631	0	0	0	0	0	631
2007	648	0	648	0	0	0	0	0	648
2008	615	0	615	0	0	0	0	0	615
Forecast									
2009	642	0	642	0	0	0	0	0	642
2010	650	0	650	0	0	0	0	0	650
2011	655	0	655	0	0	0	0	0	655
2012	662	0	662	0	0	0	0	0	662
2013	667	0	667	0	0	0	0	0	667
2014	675	0	675	0	0	0	0	0	675
2015	684	0	684	0	0	0	0	0	684
2016	696	0	696	0	0	0	0	0	696
2017	707	0	707	0	0	0	0	0	707
2018	719	0	719	0	0	0	0	0	719

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2009

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Comm./Ind.		Net Firm Demand		
					Load Management	Conservation	Load Management	Conservation			
1999/2000	610	0	610	0	51	0	0	0	0	0	559
2000/01	656	0	656	0	0	0	0	0	0	0	656
2001/02	659	0	659	0	0	0	0	0	0	0	659
2002/03	694	0	694	0	0	0	0	0	0	0	694
2003/04	570	0	570	0	0	0	0	0	0	0	570
2004/05	648	0	648	0	0	0	0	0	0	0	648
2005/06	680	0	680	0	0	0	0	0	0	0	680
2006/07	596	0	596	0	0	0	0	0	0	0	596
2007/08	684	0	684	0	0	0	0	0	0	0	684
2008/09	660	0	660	0	0	0	0	0	0	0	660
Forecast											
2009/10	680	0	680	0	0	0	0	0	0	0	680
2010/11	687	0	687	0	0	0	0	0	0	0	687
2011/12	694	0	694	0	0	0	0	0	0	0	694
2012/13	699	0	699	0	0	0	0	0	0	0	699
2013/14	705	0	705	0	0	0	0	0	0	0	705
2014/15	713	0	713	0	0	0	0	0	0	0	713
2015/16	723	0	723	0	0	0	0	0	0	0	723
2016/17	734	0	734	0	0	0	0	0	0	0	734
2017/18	745	0	745	0	0	0	0	0	0	0	745
2018/19	756	0	756	0	0	0	0	0	0	0	756

Schedule 3.1: History and Forecast of Summer Peak Demand Base Case (MW)

TYSP 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential		Commercial/Industrial		Net Firm Demand
					Load Management	Conservation	Load Management	Conservation	
2000	556	0	556	0	21	0	0	0	525
2001	549	0	549	0	0	0	0	0	549
2002	578	0	578	0	0	0	0	0	578
2003	579	0	579	0	0	0	0	0	579
2004	584	0	584	0	0	0	0	0	584
2005	639	0	639	0	0	0	0	0	639
2006	631	0	631	0	0	0	0	0	631
2007	648	0	648	0	0	0	0	0	648
2008	615	0	615	0	0	0	0	0	615
2008	625	0	625	0	0	0	0	0	625
Forecast									
2010	645	0	645	0	0	0	0	0	645
2011	652	0	652	0	0	0	0	0	652
2012	659	0	659	0	0	0	0	0	659
2013	667	0	667	0	0	0	0	0	667
2014	675	0	675	0	0	0	0	0	675
2015	682	0	682	0	0	0	0	0	682
2016	689	0	689	0	0	0	0	0	689
2017	697	0	697	0	0	0	0	0	697
2018	704	0	704	0	0	0	0	0	704
2019	711	0	711	0	0	0	0	0	711

Schedule 3.2: History and Forecast of Winter Peak Demand Base Case (MW)

TYSP 2010

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)		(10)
Year	Total	Wholesale	Retail	Interrupt.	Residential			Comm./Ind.			Net Firm Demand
					Load Management	Conservation		Load Management	Conservation		
2000/01	656	0	656	0	0	0	0	0	656	0	656
2001/02	659	0	659	0	0	0	0	0	659	0	659
2002/03	694	0	694	0	0	0	0	0	694	0	694
2003/04	570	0	570	0	0	0	0	0	570	0	570
2004/05	648	0	648	0	0	0	0	0	648	0	648
2005/06	680	0	680	0	0	0	0	0	680	0	680
2006/07	596	0	596	0	0	0	0	0	596	0	596
2007/08	684	0	684	0	0	0	0	0	684	0	684
2008/09	710	0	710	0	0	0	0	0	710	0	710
2009/10	717	0	717	0	0	0	0	0	717	0	717
Forecast											
2010/11	725	0	725	0	0	0	0	0	725	0	725
2011/12	733	0	733	0	0	0	0	0	733	0	733
2012/13	736	0	736	0	0	0	0	0	736	0	736
2013/14	743	0	743	0	0	0	0	0	743	0	743
2014/15	751	0	751	0	0	0	0	0	751	0	751
2015/16	759	0	759	0	0	0	0	0	759	0	759
2016/17	767	0	767	0	0	0	0	0	767	0	767
2017/18	775	0	775	0	0	0	0	0	775	0	775
2018/19	783	0	783	0	0	0	0	0	783	0	783
2019/20	790	0	790	0	0	0	0	0	790	0	790