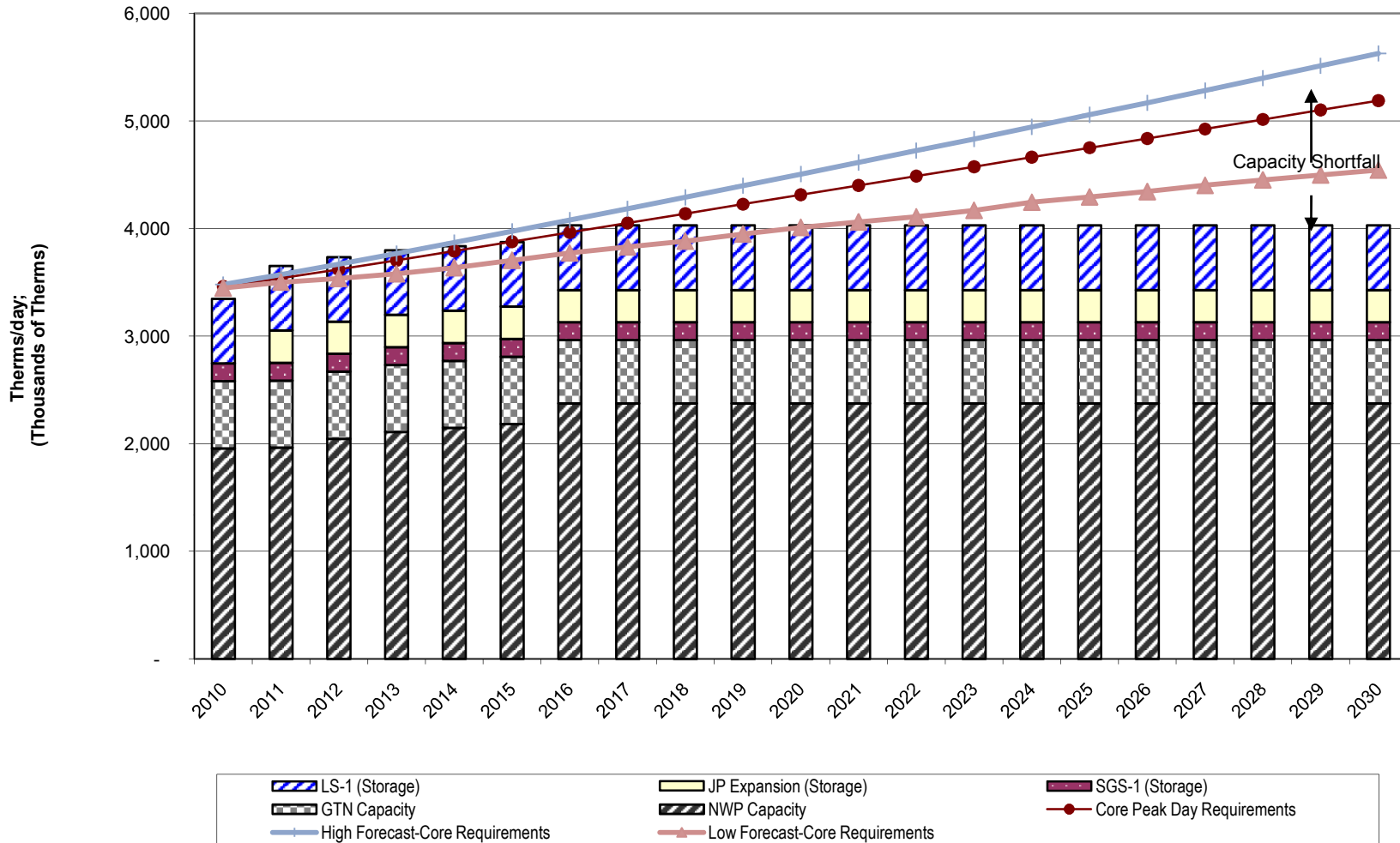


Appendix F
Capacity Requirements & Peak Day Planning

SYSTEM Peak Day Demand & Existing Capacity Resources



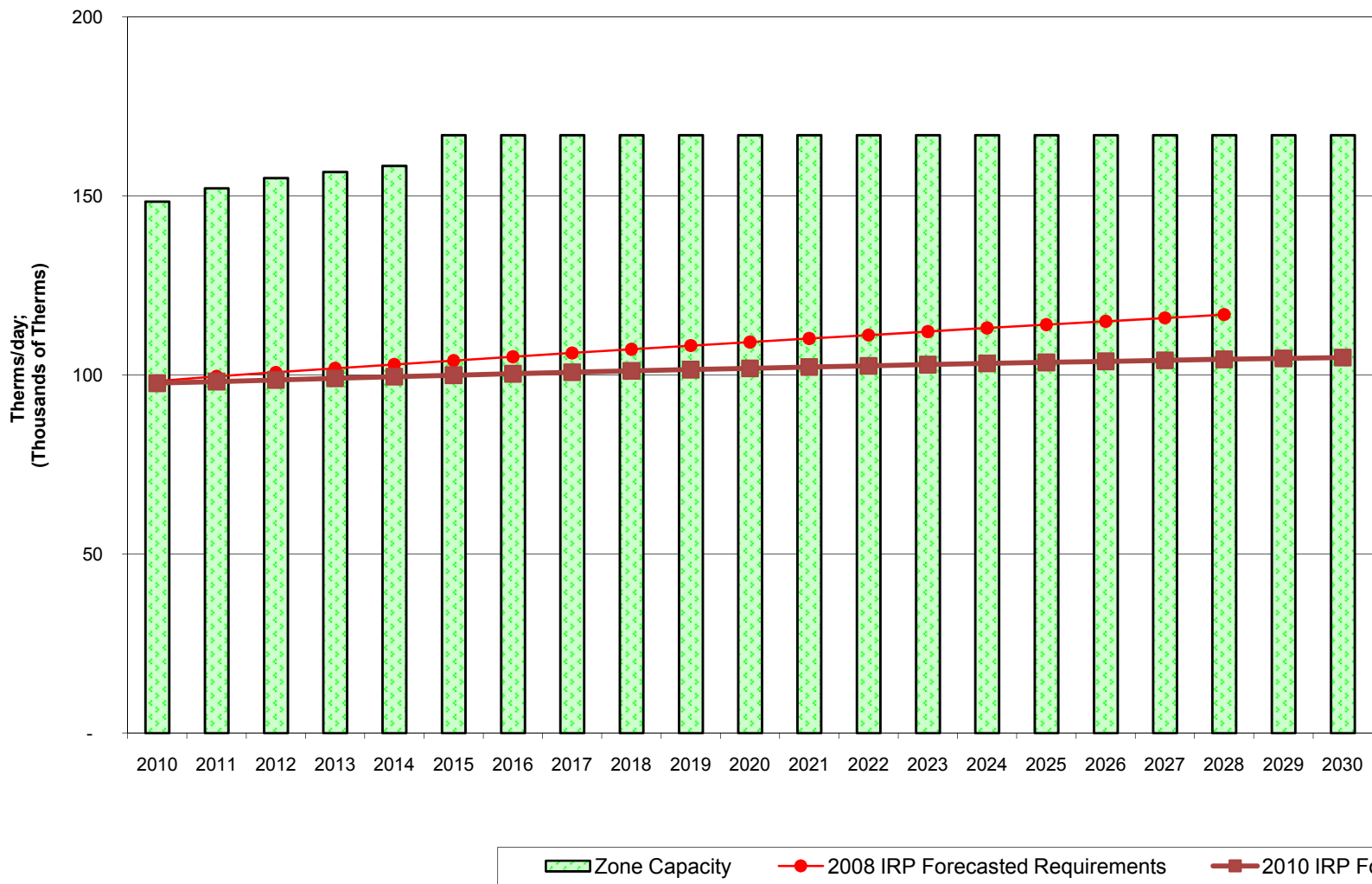
Note: WGPW Capacity is net of Non-Core primary term capacity requirements

Cascade Natural Gas Corporation
TRANSPORTATION CAPACITY VS PEAK REQUIREMENTS
Existing Upstream Pipeline Capacity vs Zonal Peak Demand
(000'S Of Therms)

MEDIUM GROWTH FORECAST

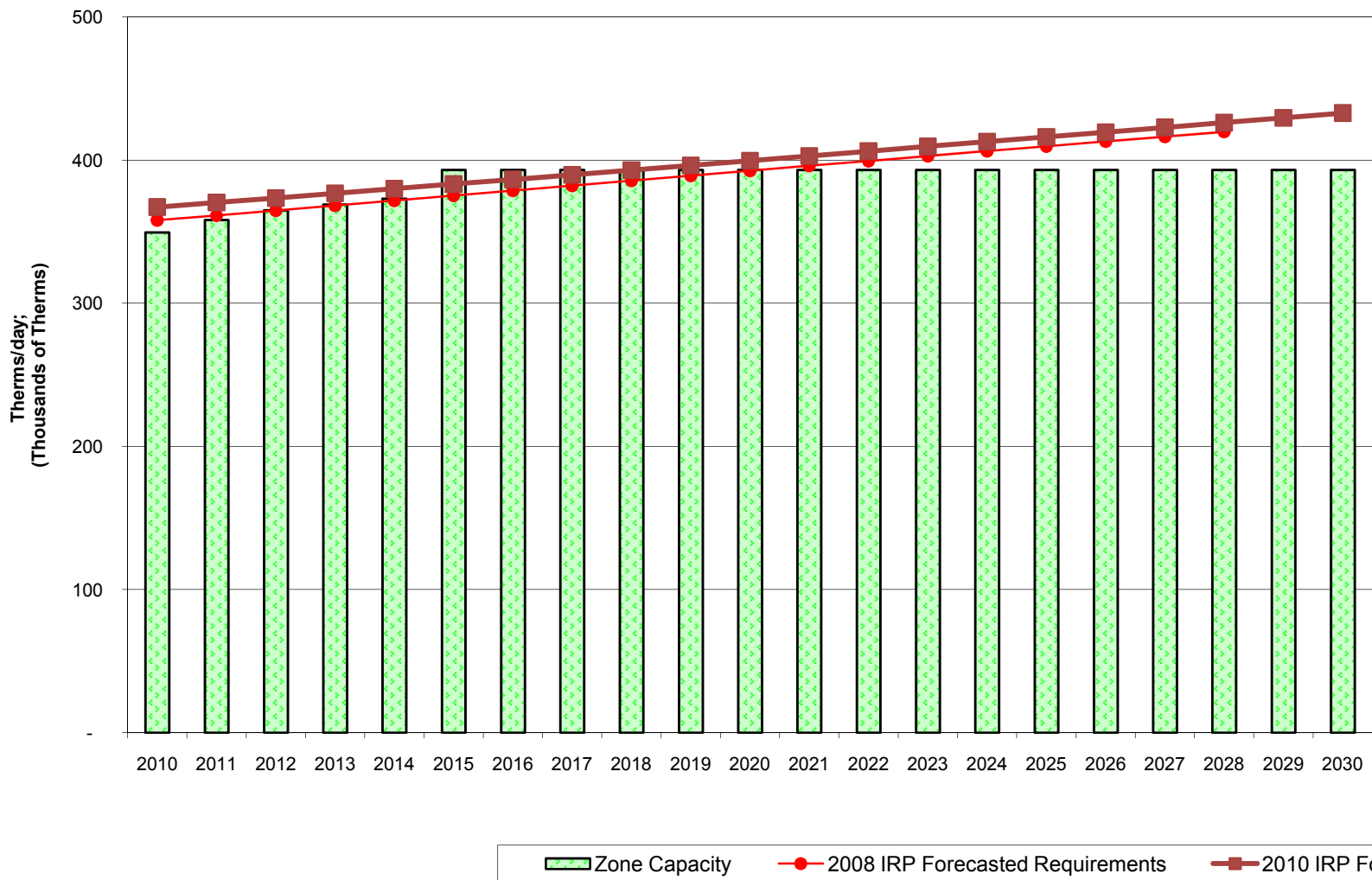
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030		
Zone 10	Zone Capacity	148	152	155	157	158	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	
	Zone Core Requirements	98	98	99	99	100	100	100	101	101	102	102	102	103	103	103	104	104	104	104	104	105	105	
	Excess/(Shortfall)	51	54	56	58	59	67	67	66	66	66	65	65	64	64	64	64	63	63	63	62	62	62	
Zone 11	Zone Capacity	350	358	365	369	373	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393
	Zone Core Requirements	367	370	374	377	380	383	386	390	393	396	400	403	406	410	413	416	419	423	426	430	433	433	433
	Excess/(Shortfall)	(18)	(12)	(9)	(8)	(7)	10	7	4	0	(3)	(6)	(10)	(13)	(16)	(20)	(23)	(26)	(30)	(33)	(36)	(40)	(40)	(40)
Zone 20	Zone Capacity	578	592	603	610	616	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649	649
	Zone Core Requirements	435	452	470	489	508	527	547	568	589	610	632	655	678	702	726	751	776	803	829	856	883	883	883
	Excess/(Shortfall)	143	140	133	121	109	122	102	81	61	39	17	(6)	(29)	(53)	(77)	(102)	(127)	(153)	(180)	(207)	(234)	(234)	(234)
Zone 24	Zone Capacity	135	138	141	142	144	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
	Zone Core Requirements	61	61	61	60	60	60	60	60	60	60	60	61	61	61	61	61	61	61	61	61	62	62	62
	Excess/(Shortfall)	74	78	80	82	84	92	92	92	92	91	91	91	91	91	91	91	91	91	91	90	90	90	90
Zone 26	Zone Capacity	466	476	484	489	494	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518	518
	Zone Core Requirements	82	83	85	86	87	89	90	92	93	94	96	97	98	100	101	102	103	105	106	107	108	108	108
	Excess/(Shortfall)	384	393	400	403	406	429	428	426	425	424	422	421	420	418	417	416	415	413	412	411	410	410	410
Zone 30	Zone Capacity	1,527	1,560	1,585	1,600	1,615	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691	1,691
	Zone Core Requirements	1,602	1,639	1,677	1,714	1,753	1,792	1,832	1,872	1,913	1,955	1,997	2,040	2,083	2,127	2,172	2,218	2,264	2,311	2,358	2,406	2,457	2,457	2,457
	Excess/(Shortfall)	(76)	(80)	(92)	(115)	(138)	(101)	(141)	(181)	(222)	(263)	(305)	(348)	(392)	(436)	(481)	(526)	(572)	(619)	(667)	(715)	(765)	(765)	(765)
Zone GTN	Zone Capacity	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
	Zone Core Requirements	569	584	598	613	628	643	658	673	688	703	718	733	748	764	779	794	810	825	841	856	872	872	872
	Excess/(Shortfall)	(57)	(72)	(86)	(101)	(116)	(131)	(146)	(161)	(176)	(191)	(206)	(221)	(236)	(252)	(267)	(282)	(298)	(313)	(329)	(344)	(360)	(360)	(360)
Zone ME	Zone Capacity	362	371	378	383	387	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408	408
	Zone Core Requirements	379	385	391	397	403	409	415	421	427	433	439	445	451	456	462	467	473	478	483	489	494	494	494
	Excess/(Shortfall)	(16)	(13)	(13)	(15)	(16)	(2)	(8)	(14)	(20)	(25)	(31)	(37)	(43)	(49)	(54)	(60)	(65)	(70)	(76)	(81)	(86)	(86)	(86)

**ZONE 10 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



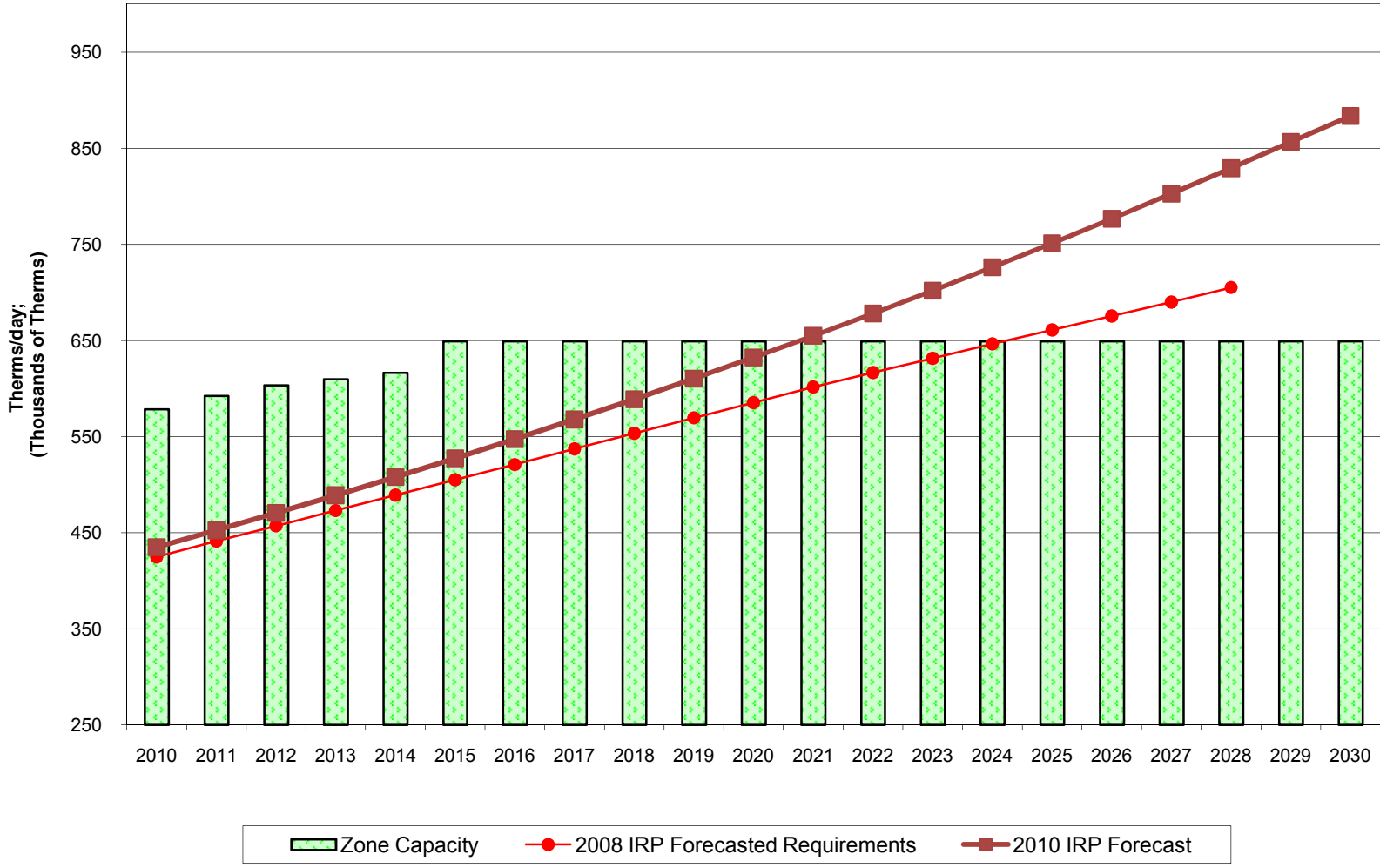
Note: WGPW Capacity is net of Non-Core primary term capacity requirements

**ZONE 11 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



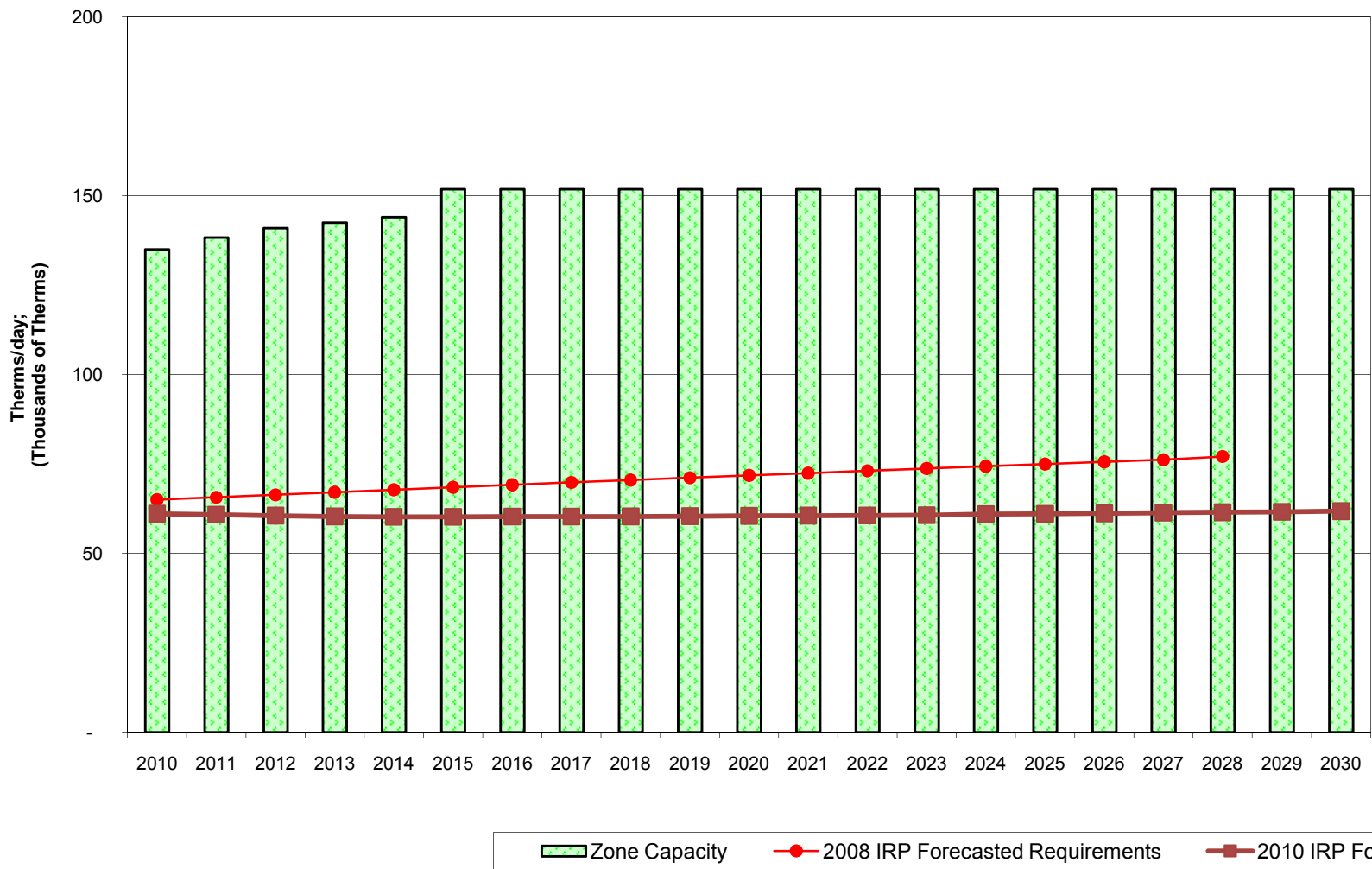
Note: WGPW Capacity is net of Non-Core primary term capacity requirements

**ZONE 20 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



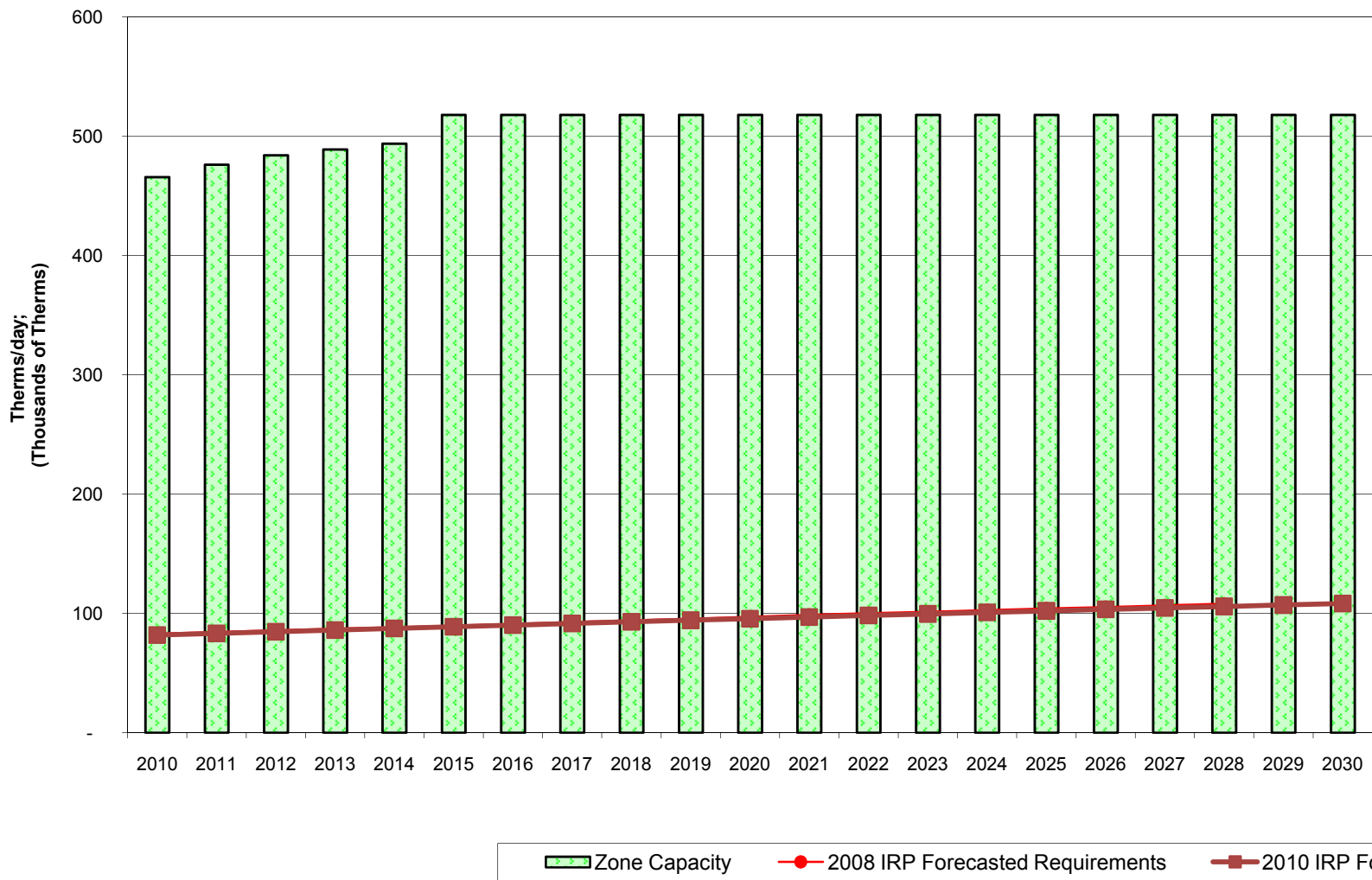
Note: WGPW Capacity is net of Non-Core primary term capacity requirements

**ZONE 24 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



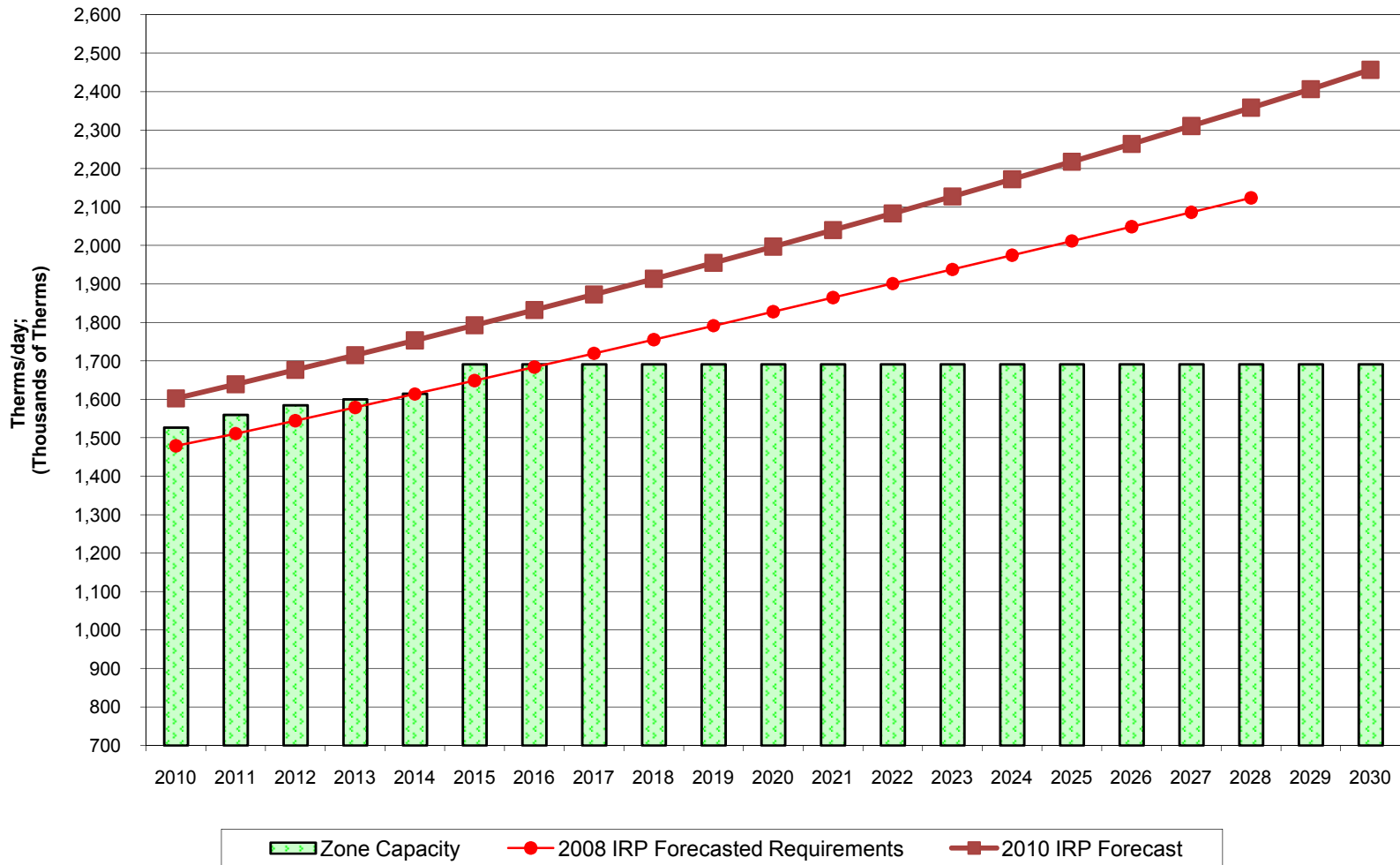
Note: WGPW Capacity is net of Non-Core primary term capacity requirements

**ZONE 26 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



Note: WGPW Capacity is net of Non-Core primary term capacity requirements

**ZONE 30 Peak Day Demand & Existing Capacity Resources
Medium Load Forecast**



Note: WGPW Capacity is net of Non-Core primary term capacity requirements

ZONE GTN Peak Day Demand & Existing Capacity Resources Medium Load Forecast

