List of Approved Sensitivities as of 2.11.11

/	<u>-: /</u>	- /	/ / / / / / / / / / / / / / / / / / /			
Description						
5						
	/ 4	Sens	/ Description			
			Usual Base Case			
			Revised transfer capability overload charges at 75% of avg			
1	1	1	shadow prices			
			Transmission Sensitivity #1.2 Overload charges at 25% of avg			
2	1	2	shadow prices			
3	1	3	High load growth			
4	1	4	Low load growth			
5	1	5	High gas prices			
		_	Increase state EE/DR levels and RPS reqs by 5 percentage points			
6	1	6	each			
7	1	7	Higher PHEV levels			
8	1	8	Decreased renewable resources capital costs			
			Environmental Regulatory Curtailment (ERC) #1 - Delay			
	_	_	implementation of new non-carbon EPA regs beyond period of			
9	1	9	study			
			ERC #2: Reduce existing state RPS by 5% in absolute terms within			
			the timeframe specified by each state's RPS requirement. Reduce			
40	4	40	EE/DR requirements (in states that have them) by 5 percentage			
10	1	10	points each by end of study period.			
			FDC #2. Loop aggressive implementation of uncoming FDA rage			
11	1	44	ERC #3: Less-aggressive implementation of upcoming EPA regs			
11	ı	11	(at ~50% of originally intended impact) by delaying implementation ERC #4: Even less aggressive implementation of upcoming EPA			
			regulations (at ~25% of originally intended impact) by further			
12	1	12	delaying implementation			
12	ı	12	FM #1: No policies/regulations continued past current expiration			
13	1	13	(PTC/ITC, etc.); RPS requirements removed.			
14	1	14	FM #2: FM #1 PLUS all fuel subsidies removed			
15	1	15	FM #3: FM #1 PLUS high load growth.			
10	1	10	i ivi #5. i ivi #1 i E50 iligii load glowtii.			
			on Constraint National Implementation			
16	2	1	Revised transfer capability			
17	2	2	Transmission sensitivity #2.2 (placeholder until methodology			
17 18	2	3	determined)			
18	2	4	High load growth			
20	2	5	Low load growth			
21	2	6	High gas prices Low gas prices*			
<u> </u>		Ö	Higher carbon costs OR higher carbon reduction targets			
22	2	7	(depending on how modeled)			
22	۷	/	Lower carbon costs OR reduced carbon reduction targets			
23	2	8	(depending on how modeled)			
23		0	(depending of flow flodeled)			
Future 3: Federal Carbon Constraint State/Regional Implementation						
24	3	1	Revised transfer capability			
25	3	2	High load growth			
			, , , , , , , , , , , , , , , , , , , 			

27 3 4 Low gas prices*	26	3	3	High gas prices
High carbon costs OR higher carbon reduction targets (depending on how modeled) Lower carbon costs OR reduced carbon reduction targets (depending on how modeled) 30 3 7 Limited new/upgraded nuclear 31 3 8 Increased imported Canadian hydro Future 4: Aggressive EE/DR/DG/Smart Grid 32 4 1 Revised transfer capability 33 4 2 High load growth 34 4 3 High gas prices Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE performance (depending on modeling) 36 4 5 Higher PHEV levels 37 4 6 Higher PHEV levels with modified load shape (increasing peak) Increased economic activity with change in relationship between GDP and load growth 38 4 7 GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 54 6 4 High gas prices 55 6 6 5 Low gas prices* 56 6 6 Low cost of renewable resources (DR, storage) 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV levelents of the properties of the prope				
28 3 5 on how modeled) Lower carbon costs OR reduced carbon reduction targets (depending on how modeled) 30 3 7 Limited newlupgraded nuclear 31 3 8 Increased imported Canadian hydro Future 4: Aggressive EE/DR/DG/Smart Grid 32 4 1 Revised transfer capability 33 4 2 High load growth 34 4 3 High gas prices Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE 35 4 4 performance (depending on modeling) 36 4 5 Higher PHEV levels 37 4 6 Higher PHEV levels with modified load shape (increasing peak) Increased economic activity with change in relationship between GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS - Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 6 Low gas prices 46 5 6 Low gas prices 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 6 5 Low gas prices 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 1 Low load growth 59 6 9 Increased deployment of flexible resources (DR, storage) 60 6 10 Modified load block shapes in recognition of increased PHEV leve				
Lower carbon costs OR reduced carbon reduction targets (depending on how modeled) 30 3 7 Limited newlupgraded nuclear 31 3 8 Increased imported Canadian hydro Future 4: Aggressive EE/DR/DG/Smart Grid 32 4 1 Revised transfer capability 33 4 2 High load growth 34 4 3 High gas prices Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE performance (depending on modeling) 36 4 5 Higher PHEV levels with modified load shape (increasing peak) 37 4 6 Higher PHEV levels with modified load shape (increasing peak) 38 4 7 GDP and load growth 39 4 8 Low gas prices* 40 4 9 comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmissions sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 5 9 Increased deployment of flexible resources (DR, storage) 55 6 6 6 Low gas prices 56 6 6 6 Low oad growth 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modiffied load block shapes in recognition of increased PHEV leve	28	3	5	• • • • • • • • • • • • • • • • • • • •
29 3 6 (depending on how modeled) 30 3 7 Limited newl/upgraded nuclear 31 3 8 Increased imported Canadian hydro Future 4: Aggressive EE/DR/DG/Smart Grid 32 4 1 Revised transfer capability 33 4 2 High load growth 34 4 3 High gas prices Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE performance (depending on modeling) 36 4 5 Higher PHEV levels with modified load shape (increasing peak) 37 4 6 Higher PHEV levels with modified load shape (increasing peak) 38 4 7 GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS - Top-Down Implementation 41 5 1 Revised transfer capability 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices* 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 1 Revised transfer capability 55 6 6 6 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices* 55 6 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modiffied load block shapes in recognition of increased PHEV leve				,
30 3 7 Limited newlupgraded nuclear 31 3 8 Increased imported Canadian hydro Future 4: Aggressive EE/DR/DG/Smart Grid 32 4 1 Revised transfer capability 33 4 2 High load growth 34 4 3 High gas prices Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE 35 4 4 performance (depending on modeling) 36 4 5 Higher PHEV levels 37 4 6 Higher PHEV levels with modified load shape (increasing peak) Increased economic activity with change in relationship between 38 4 7 GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High gas prices 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources (DR, storage) 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage)	29	3	6	· ·
Future 4: Aggressive EE/DR/DG/Smart Grid 32				
Future 4: Aggressive EE/DR/DG/Smart Grid 32			8	1 0
32				
33				
34 4 3 High gas prices				. ,
Mid-range costs for DR, EE, smart grid, storage/DG-Lower DR/EE performance (depending on modeling) 36				· ·
35	34	4	3	
36 4 5 Higher PHEV levels 37 4 6 Higher PHEV levels with modified load shape (increasing peak) Increased economic activity with change in relationship between GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Cow cost of renewable resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Cow cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro				· · · · · · · · · · · · · · · · · · ·
37 4 6 Higher PHEV levels with modified load shape (increasing peak) Increased economic activity with change in relationship between 38 4 7 GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources (DR, storage) Modified load block shapes in recognition of increased PHEV levers (DR) 50 5 Low gas prices 51 6 7 High cost of renewable resources 52 6 9 Low cost of renewable resources 53 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV levers				
Increased economic activity with change in relationship between GDP and load growth 39 4 8 Low gas prices*				Ü
38 4 7 GDP and load growth 39 4 8 Low gas prices* Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices* 55 6 7 Low gas prices* 56 6 6 Low cost of renewable resources (DR, storage) 59 6 9 Increased deployment of flexible resources (DR, storage)	37	4	6	· · · · · · · · · · · · · · · · · · ·
Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation			_	· · · · · · · · · · · · · · · · · · ·
Additional 1% mandated energy consumption reductions & comparable increase in DR Future 5: National RPS Top-Down Implementation 41				·
Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV lever resources Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) Modified load block shapes in recognition of increased PHEV lever resources (DR, storage) Modified load block shapes in recognition of increased PHEV lever resources (DR, storage) 59 6 9 Increased imported Canadian hydro	39	4	8	
Future 5: National RPS Top-Down Implementation 41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 43 5 2 determined) 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV lever Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) Modified load block shapes in recognition of increased PHEV lever (DR) (DR) (DR) (DR) (DR) (DR) (DR) (DR)	40			· · · · · · · · · · · · · · · · · · ·
41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV lever Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) Modified load block shapes in recognition of increased PHEV lever	40	4	9	comparable increase in DR
41 5 1 Revised transfer capability Transmission sensitivity # 5.2 (placeholder until methodology determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV lever Future 6: National RPS - State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) Modified load block shapes in recognition of increased PHEV lever	Future	e 5: Nati	onal RPS	Top-Down Implementation
Transmission sensitivity # 5.2 (placeholder until methodology determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) Modified load block shapes in recognition of increased PHEV leve			T .	•
42 5 2 determined) 43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro			-	
43 5 3 High load growth 44 5 4 Low load growth 45 5 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro	42	5	2	, "
44 5 4 Low load growth 45 5 5 5 High gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 60 6 10 Modified load block shapes in recognition of increased PHEV leve				,
45 5 5 6 Low gas prices 46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro Modified load block shapes in recognition of increased PHEV leve				
46 5 6 Low gas prices* 47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro	45		5	ů .
47 5 7 Low cost of renewable resources 48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro	46		6	
48 5 8 High cost of renewable resources 49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro Modified load block shapes in recognition of increased PHEV leve	47		7	ů ,
49 5 9 Increased deployment of flexible resources (DR, storage) 50 5 10 Modified load block shapes in recognition of increased PHEV leve Future 6: National RPS State/Regional Implementation 51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro Modified load block shapes in recognition of increased PHEV leve	48		8	High cost of renewable resources
Future 6: National RPS State/Regional Implementation 51	49	5	9	Increased deployment of flexible resources (DR, storage)
Future 6: National RPS State/Regional Implementation 51				
51 6 1 Revised transfer capability 52 6 2 High load growth 53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro Modified load block shapes in recognition of increased PHEV leve	50	5	10	Modified load block shapes in recognition of increased PHEV levels
5161Revised transfer capability5262High load growth5363Low load growth5464High gas prices5565Low gas prices*5666Low cost of renewable resources5767High cost of renewable resources5868Increased deployment of flexible resources (DR, storage)5969Increased imported Canadian hydro60610Modified load block shapes in recognition of increased PHEV leve	Eutur	n G: Nati	onal DDS	State/Pagional Implementation
5262High load growth5363Low load growth5464High gas prices5565Low gas prices*5666Low cost of renewable resources5767High cost of renewable resources5868Increased deployment of flexible resources (DR, storage)5969Increased imported Canadian hydro60610Modified load block shapes in recognition of increased PHEV leve				
53 6 3 Low load growth 54 6 4 High gas prices 55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve			2	
5464High gas prices5565Low gas prices*5666Low cost of renewable resources5767High cost of renewable resources5868Increased deployment of flexible resources (DR, storage)5969Increased imported Canadian hydro60610Modified load block shapes in recognition of increased PHEV leve				
55 6 5 Low gas prices* 56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve				
56 6 6 Low cost of renewable resources 57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve				
57 6 7 High cost of renewable resources 58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve				
58 6 8 Increased deployment of flexible resources (DR, storage) 59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve				
59 6 9 Increased imported Canadian hydro 60 6 10 Modified load block shapes in recognition of increased PHEV leve				· ·
60 6 10 Modified load block shapes in recognition of increased PHEV leve				, ,
	39	J	9	moreasea imported Sandalan nyaro
	60	6	10	Modified load block shapes in recognition of increased PHFV levels
Future 7: Nuclear Resurgence	00		10	The same of the state of the st
i didio i i idolodi iloodi golioo				
61 7 1 Revised transfer capability	61	7	1	Revised transfer capability
62 7 2 Low load growth	62	7	2	Low load growth

63	7	3	High load growth		
64	7	4	Low coal prices and low gas prices		
65	7	5	EPA Carbon limitations (electric sector only)		
			High uranium and disposal costs, and high capital costs, relative to		
66	7	6	base assumptions in this Future		
			Remove nuclear plants without loan guarantees (force in only those		
67	7	7	with guarantees)		
Future 8: Combined Federal Climate and Energy Policy					
68	8	1	Revised transfer capability		
			Transmission sensitivity #8.2 (placeholder until methodology		
69	8	2	determined)		
			Increased economic activity with change in relationship between		
70	8	3	GDP and load growth		
			EITHER 1) Increase RPS to 40% OR 2) Lower gas prices		
71	8	4	(consensus not reached)		
Free Sensitivities					
72			FREE SENSITIVITY		