







The intermit	tent ge	enerator's	output (MS	SQ) offsets	s net STEM	
shortfall cre	ated by	/ schedule	ed generat	or		
		Scheduled Generator	Intermittent Generator	Portfolio	IF TV	
	SF	40	0	10	t X	
	RCOQ	100	0	100		
	RTFO	0	0	0		
	DSQ	100	30	130		
	MSQ	60	30	90		
	CAPA	100	0	100		
	A	100	0	100		
	В	100	0	100		
1 Barbarra	С	60	30	90		
					5	

Example: Curtailable / Interruptible Loads							
The curtailable and interruptible loads both increase the net STEM shortfall of the portfolio by up to their RCOQ							
		Scheduled Generator	Curtailable Load	Interruptible load	Portfolio	F TV	
	SF	0	0	0	40	+ /X	
	RCOQ	100	20	20	140	$X \land X$	
	RTFO	40	0	0	40	A XI	
	DSQ	100	0	0	100		
/	MSQ	60	0	0	60		
	CAPA	100	20	20	140		
	A	100	20	20	140		
22	В	60	0	0	100		
1	С	60	0	0	60		
and the second						6	

Example: Intermittent Generator / Curtailable Load							
Curtailable load contributes BCOO of 20 towards SE							
Intermitte							
 intermitte 	Intermittent generator is offsetting by its MSQ of 15						
 Portfolio 3 	SF still	l incorrect	ly calculat	ted as 5.			X
		Scheduled	Intermittent	Curtailable			-NV
		Generator	Generator	Load	Portfolio		1/XI
	SF	0	0	0	5		\mathbb{N}
	DOOD	100	0	00	100		$K \times 1$
	REOQ	100	0	20	120		
	DEO	40	15	0	40		
	MSO	60	15	0	75		
	CAPA	100	0	20	120		
2.2	A	100	0	20	120		
1 Alexandren	В	60	0	0	80		
- Andrew	С	60	15	0	75		
					51 KN		
And the second							7
State of the second	The second				Children of	The second High as	ALC: N

Three potential colutions identified:
Three potential solutions identified.
1. Facility level calculation of Net STEM Shortfall (SF)
Calculate SF for each Facility separately, then sum Facility SFs to arrive at a portfolio value of SF
2. Remove clause 4.26.2
The Market Rules (3.21.4) require that all forced outages be reported to System Management
Forced outages are subject to capacity cost refunds (4.26.3)
If all forced outages are reported there is no need for SF
3. Amend clause 4.26.2
Remove reference to RCOQ of interruptible and curtailable loads in the calculation of CAPA
Explicitly remove the contribution of intermittent generators to the portfolio MSQ and DSQ values

