

Derate/ Outage Report		GREC			Report No. 16-13 / 17-01	
PART 1	Date	December 8, 2016		Type:	RESERVE SHUTDOWN	
	Date/Time Outage/Derate:	12/8/2016	9:50	Time <70nMW		
	Date/Time On Line:	1/8/2017	0:01			
	Date/Time at 70nMW:	1/8/2017	2:51	Time AGC on	2:51	
	Total Lost Grid Time:		734.18 hrs.			
	Total <70nMW		737.00 hrs.			
	Conditions Preceding Outage/ Derate	While in Reserve Shutdown transitioned to a Maintenance Outage to perform maintenance on a FW valve.				
Primary Cause of Outage/ Derate	Returned to Reserve Shutdown status.					
Supporting Information						
PART 2	Corrective Actions					
	Investigation Required					
	Problems/Delays					
	Actions taken to prevent reoccurrence					
	Actions remaining to be taken and due date					

Derate/ Outage Report		GREC			Report No. 17-02		
PART 1	Date	January 27, 2017		Type:	Reserve Shutdown		
	Date/Time Outage/Derate:	1/21/2017	4:35	Time <70nMW	3:55		
	Date/Time On Line:	2/10/2017	8:26				
	Date/Time at 70nMW:	2/10/2017	10:45	Time AGC on	10:48		
	Total Lost Grid Time:		483.85 hrs.				
	Total <70nMW		486.15 hrs.				
	Conditions Preceding Outage/ Derate	Normal full power operation					
Primary Cause of Outage/ Derate	Dispatched by GRU SCC to Reserve Shutdown.						
Supporting Information							
PART 2	Corrective Actions						
	Investigation Required						
	Problems/Delays						
	Actions taken to prevent reoccurrence						
	Actions remaining to be taken and due date						

Derate/ Outage Report		GREC			Report No. 17-03		
PART 1	Date	March 15, 2017		Type:	Reserve Shutdown		
	Date/Time Outage/Derate:	2/16/2017	18:00	Time <70nMW	17:12		
	Date/Time On Line:	3/15/2017	1:46				
	Date/Time at 70nMW:	3/15/2017	4:51	Time AGC on	4:58		
	Total Lost Grid Time:		631.77 hrs.				
	Total <70nMW		634.83 hrs.				
	Conditions Preceding Outage/ Derate	Normal full power operation					
Primary Cause of Outage/ Derate	Dispatched to Reserve Shutdown by GRU SCC.						
Supporting Information							
PART 2	Corrective Actions						
	Investigation Required						
	Problems/Delays						
	Actions taken to prevent reoccurrence						
	Actions remaining to be taken and due date						

Derate/ Outage Report		GREC			Report No. 17-04	
PART 1	Date	April 25, 2017		Type:	DERATE	
	Date/Time Outage/Derate:	4/23/2017	16:57	Time <70nMW		
	Date/Time Derate End:	4/23/2017	17:53			
	Date/Time at 70nMW:			Time AGC on	18:10	
	Total Lost Grid Time:		hrs.			
	Total <70nMW		hrs.			
	Conditions Preceding Outage/ Derate	Normal full load operation				
Primary Cause of Outage/ Derate	Loss of fuel feed on West side required derate to 70 nMW for 56 min.					
Supporting Information	DCS historian.					
PART 2	Corrective Actions	Took west side fuel feed to manual and restored. Observed fuel feed and then called SCC at 17:53 to inform them available for full load.				
	Investigation Required	Investigating whether cause was fuel bridging or a controls issue.				
	Problems/Delays					
	Actions taken to prevent reoccurrence	Found "Ramping Logic" had not been enabled on affected side. This allowed West side to have larger swings. Enabled logic during outage.				
	Actions remaining to be taken and due date					

Derate/ Outage Report		GREC			Report No. 17-05	
PART 1	Date	May 22, 2017		Type: Planned Outage		
	Date/Time Outage/Derate:	5/18/2017	23:00	Time <70nMW 22:05		
	Date/Time On Line-Available:	5/25/2017	17:21			
	Date/Time at 70nMW:			Time AGC on		
	Total Lost Grid Time:		162.35 hrs.			
	Total <70nMW		##### hrs.			
	Conditions Preceding Outage/ Derate	Planned Maintenance Outage				
Primary Cause of Outage/ Derate						
Supporting Information						
PART 2	Corrective Actions					
	Investigation Required					
	Problems/Delays					
	Actions taken to prevent reoccurrence					
	Actions remaining to be taken and due date					

Derate/ Outage Report		GREC			Report No. 17-06	
PART 1	Date	May 29, 2017		Type:	Reserve Shutdown	
	Date/Time Outage/Derate:	5/25/2017	17:21	Time <70nMW		
	Date/Time On Line:	5/29/2017	3:00			
	Date/Time at 70nMW:	5/29/2017	5:39	Time AGC on		
	Total Lost Grid Time:		81.65 hrs.			
	Total <70nMW		84.28 hrs.			
	Conditions Preceding Outage/ Derate	Planned Outage ended. Returned to Reserve Shutdown.				
Primary Cause of Outage/ Derate						
Supporting Information						
PART 2	Corrective Actions					
	Investigation Required					
	Problems/Delays					
	Actions taken to prevent reoccurrence					
	Actions remaining to be taken and due date					

Derate/ Outage Report		GREC			Report No. 17-07		
PART 1	Date	May 30, 2017		Type:	Reserve Shutdown		
	Date/Time Outage/Derate:	5/30/2017	0:46	Time <70nMW	0:01		
	Date/Time On Line:						
	Date/Time at 70nMW:			Time AGC on			
	Total Lost Grid Time:		hrs.				
	Total <70nMW		hrs.				
	Conditions Preceding Outage/ Derate						
Primary Cause of Outage/ Derate							
Supporting Information							
PART 2	Corrective Actions						
	Investigation Required						
	Problems/Delays						
	Actions taken to prevent reoccurrence						
	Actions remaining to be taken and due date						