Appendix Q – Training Tables

Table 1 - Facility Training

	Facility											
	WTP (RDS and WTP SCADA)	TBPS	SLAIF	McPhillips RPS	MacLean RPS	Hurst RPS	DBPS/DCFF					
Training Component	Does training apply to facility (Y/N)							**Closeout Training Required (Y/N)**	**Minimum time for first round of training (hours per session)**	**Number of training sessions per facility**	**Total Number of Training Sessions**	**Comments**
PLC hardware configuration, programming, and testing	N	Y	Y	Y	Y	Y	Y	N	4	2	12	
MPR configuration, programming, and testing	N	N	N	Y	Y	Y	N	N	2	2	6	
Power meter configuration, programming, and testing	N	N	N	N	N	Y	N	N	1	2	2	in-field training only (classroom training not required)
PMCM configuration, programming, and testing	N	Y	Y	Y	Y	Y	Y	N	2	1	6	in-field training only (classroom training not required)
SCADA computer hardware and virtualization	Y	N	N	N	N	N	N	Y	4	1	2	closout training to take place once all facility upgrades have occurred.
SCADA system configuration, programming, testing	Y	N	N	N	N	N	N	Y	4	1	2	closout training to take place once all facility upgrades have occurred.
HMI system configuration, programming, testing	N	Y	Y	Y	Y	Y	Y	N	2	1	6	
Network configuration, programming, testing	Y	Y	Y	Y	Y	Y	Y	N	2	1	7	
Instrumentation configuration, programming, and testing	N	Y	N	Y	Y	Y	N	N	1	1	4	in-field training only (classroom training not required)
SCADA system operation	Y	Y	Y	Y	Y	Y	Y	Y	2	4	32	- three of the 4 sessions are to the attended by the operations group with the session tailored as such - the 4th session to be tailored to troubleshooting and maintenance. - closout training to take place once all facility upgrades have occurred.
RDS operation	Y	Y	Y	Y	Y	Y	Y	Y	4	4	32	- three of the 4 sessions are to the attended by the operations group with the session tailored as such - the 4th session to be tailored to troubleshooting and maintenance. - closout training to take place once all facility upgrades have occurred.

Table 2 - Training Participant Groups

	Training Participant Groups (number of personnel in group)					
	Operations (20)	Engineering (4)	Electrical Maintenance (6)	Mechanical Maintenance (10)	Control (3)	Instrumentation (6)
Training Component	**Training Required Y/N**					
PLC hardware configuration, programming, and testing	N	N	N	N	Y	Y
MPR configuration, programming, and testing	N	N	Y	N	Y	Y
Power meter configuration, programming, and testing	N	N	Y	N	Y	Y
PMCM configuration, programming, and testing	N	N	N	N	Y	Y
SCADA computer hardware and virtualization	N	N	N	N	Y	N
SCADA system configuration, programming, testing	N	N	N	N	Y	N
HMI system configuration, programming, testing	N	N	N	N	Y	N
Network configuration, programming, testing	N	N	N	N	Y	N
Instrumentation configuration, programming, and testing	N	N	N	N	N	Y
SCADA system operation	Y	Y	Y	Y	Y	Y
RDS operation	Y	Y	Y	Y	Y	Y