

**Table 1-1**  
**Modeled Scenarios - PM<sub>10</sub>**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**PM<sub>10</sub>**

Model ID	Description	Routine1	Routine2	Routine3	MSS1	MSS2	Annual
		EG-1 only	EG-2 only	Both EGs	Train 1 SU	Train 2 SU	ALL
CTWR1_1	Cooling Tower 1	X	X	X	X	X	X
CTWR1_2	Cooling Tower 1	X	X	X	X	X	X
CTWR1_3	Cooling Tower 1	X	X	X	X	X	X
CTWR1_4	Cooling Tower 1	X	X	X	X	X	X
CTWR1_5	Cooling Tower 1	X	X	X	X	X	X
CTWR1_6	Cooling Tower 1	X	X	X	X	X	X
CTWR1_7	Cooling Tower 1	X	X	X	X	X	X
CTWR1_8	Cooling Tower 1	X	X	X	X	X	X
CTWR1_9	Cooling Tower 1	X	X	X	X	X	X
CTWR1_10	Cooling Tower 1	X	X	X	X	X	X
CTWR1_11	Cooling Tower 1	X	X	X	X	X	X
CTWR1_12	Cooling Tower 1	X	X	X	X	X	X
CTWR1_13	Cooling Tower 1	X	X	X	X	X	X
CTWR1_14	Cooling Tower 1	X	X	X	X	X	X
CTWR1_15	Cooling Tower 1	X	X	X	X	X	X
CTWR1_16	Cooling Tower 1	X	X	X	X	X	X
CTWR2_1	Cooling Tower 2	X	X	X	X	X	X
CTWR2_2	Cooling Tower 2	X	X	X	X	X	X
CTWR2_3	Cooling Tower 2	X	X	X	X	X	X
CTWR2_4	Cooling Tower 2	X	X	X	X	X	X
CTWR2_5	Cooling Tower 2	X	X	X	X	X	X
CTWR2_6	Cooling Tower 2	X	X	X	X	X	X
CTWR2_7	Cooling Tower 2	X	X	X	X	X	X
CTWR2_8	Cooling Tower 2	X	X	X	X	X	X
CTWR2_9	Cooling Tower 2	X	X	X	X	X	X
CTWR2_10	Cooling Tower 2	X	X	X	X	X	X
CTWR2_11	Cooling Tower 2	X	X	X	X	X	X
CTWR2_12	Cooling Tower 2	X	X	X	X	X	X
CTWR2_13	Cooling Tower 2	X	X	X	X	X	X
CTWR2_14	Cooling Tower 2	X	X	X	X	X	X
CTWR2_15	Cooling Tower 2	X	X	X	X	X	X
CTWR2_16	Cooling Tower 2	X	X	X	X	X	X
BLRAX1SU	Boiler - Startup				X	X	X
BLRAX1RT	Boiler - Routine	X	X	X			X
H_201_SU	Heater 201 - Startup				X		X
H_202_SU	Heater 202 - Startup				X		X
H_203_SU	Heater 203 - Startup					X	X
H_204_SU	Heater 204 - Startup					X	X
H_201_RT	Heater 201 - Routine	X	X	X			X
H_202_RT	Heater 202 - Routine	X	X	X			X
H_203_RT	Heater 203 - Routine	X	X	X			X
H_204_RT	Heater 204 - Routine	X	X	X			X
H_590_SU	SU Heater 1 - Startup				X		X
H_591_SU	SU Heater 2 - Startup					X	X
FW_PUMP1	FW Pump	X	X	X			X
FW_PUMP2	FW Pump	X	X	X			X
FW_PUMP3	FW Pump	X	X	X			X
EG_1_AB	Emergency Generator	X		X			X
EG_2_AB	Emergency Generator		X	X			X

**Table 1-2**  
**Scenarios - SO<sub>2</sub>**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**SO<sub>2</sub>**

Model ID	Description	Routine1	Routine2	1-hr		3-hr	
				MSS1	MSS2	MSS3	MSS4
				Train 1 SU	Train 2 SU	Train 1 SU	Train 2 SU
BLRAX1SU	Boiler - Startup			X	X	X	X
BLRAX1RT	Boiler - Routine	X	X			X	X
H_201_SU	Heater 201 - Startup			X		X	
H_202_SU	Heater 202 - Startup			X		X	
H_203_SU	Heater 203 - Startup				X		X
H_204_SU	Heater 204 - Startup				X		X
H_201_RT	Heater 201 - Routine	X	X			X	
H_202_RT	Heater 202 - Routine	X	X			X	
H_203_RT	Heater 203 - Routine						X
H_204_RT	Heater 204 - Routine						X
H_590_SU	SU Heater 1 - Startup			X		X	
H_591_SU	SU Heater 2 - Startup				X		X
FW_PUMP1	FW Pump	X	X			X	X
FW_PUMP2	FW Pump	X	X			X	X
FW_PUMP3	FW Pump	X	X			X	X
EG_1_AB	Emergency Generator	X				X	X
EG_2_AB	Emergency Generator		X			X	X
FL_1_PLT	Flare 1 Pilot	X	X	X	X	X	X
FL_2_PLT	Flare 2 Pilot	X	X	X	X	X	X
FL_3_PLT	Flare 3 Pilot	X	X	X	X	X	X
FL_4_PLT	Flare 4 Pilot	X	X	X	X	X	X
FL_5_PLT	Flare 5 Pilot	X	X	X	X	X	X

**Table 1-3**  
**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	NH3								Methanol			
		1-hr							Annual	1-hr		Annual	
		Routine	MSS1	MSS2	MSS3	MSS4	MSS5	MSS6		Routine	MSS		
CTWR1_1	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_2	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_3	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_4	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_5	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_6	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_7	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_8	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_9	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_10	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_11	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_12	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_13	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_14	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_15	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR1_16	Cooling Tower 1	X	X	X	X	X	X	X	X	X			
CTWR2_1	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_2	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_3	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_4	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_5	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_6	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_7	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_8	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_9	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_10	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_11	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_12	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_13	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_14	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_15	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
CTWR2_16	Cooling Tower 2	X	X	X	X	X	X	X	X	X			
BLRAX1SU	Boiler - Startup		X	X	X	X	X	X	X	X			
BLRAX1RT	Boiler - Routine	X								X			

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**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
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**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	NH3							Methanol			
		1-hr						Annual	1-hr		Annual	
		Routine	MSS1	MSS2	MSS3	MSS4	MSS5		MSS6	Routine		MSS
H_201_SU	Heater 201 - Startup		X	X				X		X		
H_202_SU	Heater 202 - Startup		X	X				X		X		
H_203_SU	Heater 203 - Startup				X	X			X			
H_204_SU	Heater 204 - Startup				X	X			X			
H_201_RT	Heater 201 - Routine	X							X	X		X
H_202_RT	Heater 202 - Routine	X							X	X		X
H_203_RT	Heater 203 - Routine	X							X	X		X
H_204_RT	Heater 204 - Routine	X							X	X		X
FW_PUMP1	FW Pump											
FW_PUMP2	FW Pump											
FW_PUMP3	FW Pump											
EG_1_AB	Emergency Generator											
EG_2_AB	Emergency Generator											
FL_1_SU1	Flare 1 SU 1											
FL_1_SU4	Flare 1 SU 4		X						X			
FL_1_SD1	Flare 1 SD 1							X		X		X
FL_2_SU1	Flare 2 SU 1			X					X			
FL_2_SD1	Flare 2 SD 1							X		X		
FL_3_SU1	Flare 3 SU 1		X	X	X	X			X			
FL_3_SD1	Flare 3 SD 1							X	X	X		
FL_4_SU1	Flare 4 SU 1											
FL_4_SU4	Flare 4 SU 4				X				X			
FL_4_SD1	Flare 4 SD 1							X	X		X	X
FL_5_SU1	Flare 5 SU 1					X			X			
FL_5_SD1	Flare 5 SD 1							X	X	X		
TK_1	Diesel Tank											
TK_2	Diesel Tank											
TK_3A	MDEA Tank											
TK_3B	MDEA Tank											
TK_4A	MDEA Tank											
TK_4B	MDEA Tank											
TK_5A	MDEA Tank											
TK_5B	MDEA Tank											

**Table 1-3**  
**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	NH <sub>3</sub>								Methanol		
		1-hr							Annual	1-hr		Annual
		Routine	MSS1	MSS2	MSS3	MSS4	MSS5	MSS6		Routine	MSS	
TK_WW1	WW Equalization Tank											
TK_WW2	WW Neutralization Tank											
TK_WW3	Off-Spec Wastewater Tank											
TK_SW1	Contact Storm Water Tank											
FUG1	Fugitives	X	X	X	X	X	X		X			
FUG2	Fugitives	X	X	X	X	X	X		X			
FUG3	Fugitives	X	X	X	X	X	X		X			

**Table 1-3**  
**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	HCN		Diesel (VOC)			Diesel (PM)			MDEA		H <sub>2</sub> S
		1-hr	Annual	1-hr 1	1-hr 2	Annual	1-hr 1	1-hr 2	Annual	1-hr	Annual	30-min
CTWR1_1	Cooling Tower 1									X	X	
CTWR1_2	Cooling Tower 1									X	X	
CTWR1_3	Cooling Tower 1									X	X	
CTWR1_4	Cooling Tower 1									X	X	
CTWR1_5	Cooling Tower 1									X	X	
CTWR1_6	Cooling Tower 1									X	X	
CTWR1_7	Cooling Tower 1									X	X	
CTWR1_8	Cooling Tower 1									X	X	
CTWR1_9	Cooling Tower 1									X	X	
CTWR1_10	Cooling Tower 1									X	X	
CTWR1_11	Cooling Tower 1									X	X	
CTWR1_12	Cooling Tower 1									X	X	
CTWR1_13	Cooling Tower 1									X	X	
CTWR1_14	Cooling Tower 1									X	X	
CTWR1_15	Cooling Tower 1									X	X	
CTWR1_16	Cooling Tower 1									X	X	
CTWR2_1	Cooling Tower 2									X	X	
CTWR2_2	Cooling Tower 2									X	X	
CTWR2_3	Cooling Tower 2									X	X	
CTWR2_4	Cooling Tower 2									X	X	
CTWR2_5	Cooling Tower 2									X	X	
CTWR2_6	Cooling Tower 2									X	X	
CTWR2_7	Cooling Tower 2									X	X	
CTWR2_8	Cooling Tower 2									X	X	
CTWR2_9	Cooling Tower 2									X	X	
CTWR2_10	Cooling Tower 2									X	X	
CTWR2_11	Cooling Tower 2									X	X	
CTWR2_12	Cooling Tower 2									X	X	
CTWR2_13	Cooling Tower 2									X	X	
CTWR2_14	Cooling Tower 2									X	X	
CTWR2_15	Cooling Tower 2									X	X	
CTWR2_16	Cooling Tower 2									X	X	
BLRAX1SU	Boiler - Startup											
BLRAX1RT	Boiler - Routine											

**Table 1-3**  
**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
**Ingleside Clean Ammonia Partners, LLC**

**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	HCN		Diesel (VOC)			Diesel (PM)			MDEA		H <sub>2</sub> S
		1-hr	Annual	1-hr 1	1-hr 2	Annual	1-hr 1	1-hr 2	Annual	1-hr	Annual	30-min
H_201_SU	Heater 201 - Startup											
H_202_SU	Heater 202 - Startup											
H_203_SU	Heater 203 - Startup											
H_204_SU	Heater 204 - Startup											
H_201_RT	Heater 201 - Routine											
H_202_RT	Heater 202 - Routine											
H_203_RT	Heater 203 - Routine											
H_204_RT	Heater 204 - Routine											
FW_PUMP1	FW Pump			X	X	X	X	X	X			
FW_PUMP2	FW Pump			X	X	X	X	X	X			
FW_PUMP3	FW Pump			X	X	X	X	X	X			
EG_1_AB	Emergency Generator			X		X	X		X			
EG_2_AB	Emergency Generator				X	X		X	X			
FL_1_SU1	Flare 1 SU 1	X	X									
FL_1_SU4	Flare 1 SU 4											
FL_1_SD1	Flare 1 SD 1											
FL_2_SU1	Flare 2 SU 1											
FL_2_SD1	Flare 2 SD 1											
FL_3_SU1	Flare 3 SU 1											
FL_3_SD1	Flare 3 SD 1											
FL_4_SU1	Flare 4 SU 1	X	X									
FL_4_SU4	Flare 4 SU 4											
FL_4_SD1	Flare 4 SD 1											
FL_5_SU1	Flare 5 SU 1											
FL_5_SD1	Flare 5 SD 1											
TK_1	Diesel Tank			X	X	X						
TK_2	Diesel Tank			X	X	X						
TK_3A	MDEA Tank									X	X	
TK_3B	MDEA Tank									X	X	
TK_4A	MDEA Tank									X	X	
TK_4B	MDEA Tank									X	X	
TK_5A	MDEA Tank									X	X	
TK_5B	MDEA Tank									X	X	

**Table 1-3**  
**Scenarios - VOC, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**  
**Ingleside Blue Ammonia**  
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**VOCs, Diesel PM, NH<sub>3</sub>, HCN, and H<sub>2</sub>S**

Model ID	Description	HCN		Diesel (VOC)			Diesel (PM)			MDEA		H <sub>2</sub> S
		1-hr	Annual	1-hr 1	1-hr 2	Annual	1-hr 1	1-hr 2	Annual	1-hr	Annual	30-min
TK_WW1	WW Equalization Tank									X	X	
TK_WW2	WW Neutralization Tank									X	X	
TK_WW3	Off-Spec Wastewater Tank									X	X	
TK_SW1	Contact Storm Water Tank									X	X	
FUG1	Fugitives											X
FUG2	Fugitives											
FUG3	Fugitives											