



Allegato 2

AZA - Centrale di Cassano D'Adda
Turbogas in ciclo combinato - Gruppo 5 (GR5)
 Medie Orarie del
 26/5/2021

ORA SOLARE	STATO SEZIONE	CO rif. O2 15%			NOx (Come NO2) rif. O2 15%			O2 %		Umidità Fumi Stimata		Temperatura Fumi Camino	Pressione Fumi Camino		Portata Fumi Secchi		Potenza Generata		Portata Combustibile			
		mg/Nm³	Kg	Id (%)	mg/Nm³	Kg	Id (%)	% v/v	Id (%)	% v/v	Id (%)		°C	Id (%)	hPa	Id (%)	Nm³/h	Id (%)	MWte	Id (%)	Sm³/h	Id (%)
01:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	17.8	100.0	916.4	100.0	0	100.0	0.0	100.0	0	100.0	
02:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	17.4	100.0	916.5	100.0	0	100.0	0.0	100.0	0	100.0	
03:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	17.0	100.0	916.5	100.0	0	100.0	0.0	100.0	0	100.0	
04:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.6	100.0	916.5	100.0	0	100.0	0.0	100.0	0	100.0	
05:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.2	100.0	916.4	100.0	0	100.0	0.0	100.0	0	100.0	
06:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.0	100.0	916.4	100.0	0	100.0	0.0	100.0	0	100.0	
07:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.0	100.0	916.5	100.0	0	100.0	0.0	100.0	0	100.0	
08:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.1	100.0	916.7	100.0	0	100.0	0.0	100.0	0	100.0	
09:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.1	100.0	916.6	100.0	0	100.0	0.0	100.0	0	100.0	
10:00	34	F	F	73.3	F	F	73.3	F	73.3	0.0	100.0	16.3	100.0	916.5	100.0	0	100.0	0.0	100.0	0	100.0	
11:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	16.7	100.0	916.3	100.0	0	100.0	0.0	100.0	0	100.0	
12:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	17.1	100.0	916.1	100.0	0	100.0	0.0	100.0	0	100.0	
13:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	17.6	100.0	915.7	100.0	0	100.0	0.0	100.0	0	100.0	
14:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.1	100.0	915.0	100.0	0	100.0	0.0	100.0	0	100.0	
15:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.5	100.0	914.6	100.0	0	100.0	0.0	100.0	0	100.0	
16:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.9	100.0	914.5	100.0	0	100.0	0.0	100.0	0	100.0	
17:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	914.1	100.0	0	100.0	0.0	100.0	0	100.0	
18:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.3	100.0	913.8	100.0	0	100.0	0.0	100.0	0	100.0	
19:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.4	100.0	913.8	100.0	0	100.0	0.0	100.0	0	100.0	
20:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.4	100.0	914.0	100.0	0	100.0	0.0	100.0	0	100.0	
21:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.3	100.0	914.1	100.0	0	100.0	0.0	100.0	0	100.0	
22:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	914.3	100.0	0	100.0	0.0	100.0	0	100.0	
23:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.7	100.0	914.5	100.0	0	100.0	0.0	100.0	0	100.0	
24:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.4	100.0	914.3	100.0	0	100.0	0.0	100.0	0	100.0	
Limite				30.0																		
Nr. Superi																						
Massimo												19.4		916.7		0		0.0		0		
Minimo												16.0		913.8		0		0.0		0		
Giorno		N.A.	0.0	0.0	N.A.	0.0	0.0	0.0	N.A.	0.0	0.0	24	17.7	100.0	915.4	100.0	0	100.0	0.0	100.0	0	100.0
Ore Valide		0			0				0			24	24	24	24	24	24	24	24	24	24	24

N.F. Normale Funzionamento
 N.A. Non Applicabile
 * Media oraria non valida
 Superamento limite
 Impianto sotto al minimo tecnico
 N.D. Non disponibile
 Tar In taratura
 F.S. Fuori scansione

Turbogas in ciclo combinato - Gruppo 5 (GR5)

Medie Orarie del

27/5/2021

ORA SOLARE	STATO SEZIONE	CO rif. O2 15%		NOx (Come NO2) rif. O2 15%		O2 %		Umidità Fumi Stimata		Temperatura Fumi Camino		Pressione Fumi Camino		Portata Fumi Secchi		Potenza Generata		Portata Combustibile				
		mg/Nm³	Kg	Id (%)	mg/Nm³	Kg	Id (%)	% v/v	Id (%)	% v/v	Id (%)	°C	Id (%)	hPa	Id (%)	Nm³/h	Id (%)	MWe	Id (%)	Sm³/h	Id (%)	
01:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	18.1	100.0	914.2	100.0	0	100.0	0.0	100.0	0	100.0		
02:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	17.8	100.0	914.2	100.0	0	100.0	0.0	100.0	0	100.0		
03:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	17.5	100.0	914.1	100.0	0	100.0	0.0	100.0	0	100.0		
04:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	17.2	100.0	913.9	100.0	0	100.0	0.0	100.0	0	100.0		
05:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	16.9	100.0	913.7	100.0	0	100.0	0.0	100.0	0	100.0		
06:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	16.7	100.0	913.8	100.0	0	100.0	0.0	100.0	0	100.0		
07:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	16.6	100.0	913.9	100.0	0	100.0	0.0	100.0	0	100.0		
08:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	16.7	100.0	913.9	100.0	0	100.0	0.0	100.0	0	100.0		
09:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	16.8	100.0	913.9	100.0	0	100.0	0.0	100.0	0	100.0		
10:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	17.0	100.0	913.8	100.0	0	100.0	0.0	100.0	0	100.0		
11:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	17.5	100.0	913.5	100.0	0	100.0	0.0	100.0	0	100.0		
12:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	18.0	100.0	913.5	100.0	0	100.0	0.0	100.0	0	100.0		
13:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	18.4	100.0	913.2	100.0	0	100.0	0.0	100.0	0	100.0		
14:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	18.9	100.0	912.7	100.0	0	100.0	0.0	100.0	0	100.0		
15:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	19.3	100.0	912.5	100.0	0	100.0	0.0	100.0	0	100.0		
16:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	19.7	100.0	912.4	100.0	0	100.0	0.0	100.0	0	100.0		
17:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	20.0	100.0	912.2	100.0	0	100.0	0.0	100.0	0	100.0		
18:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	20.1	100.0	912.0	100.0	0	100.0	0.0	100.0	0	100.0		
19:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	20.3	100.0	912.1	100.0	0	100.0	0.0	100.0	0	100.0		
20:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	20.4	100.0	912.4	100.0	0	100.0	0.0	100.0	0	100.0		
21:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	20.2	100.0	912.9	100.0	0	100.0	0.0	100.0	0	100.0		
22:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	19.9	100.0	913.5	100.0	0	100.0	0.0	100.0	0	100.0		
23:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	19.6	100.0	914.1	100.0	0	100.0	0.0	100.0	0	100.0		
24:00	34	F	F	100.0	F	F	F	100.0	0.0	100.0	19.3	100.0	914.7	100.0	0	100.0	0.0	100.0	0	100.0		
Limite				30.0																		
Nr. Superi																						
Massimo													914.7		0				0.0		0	
Minimo													912.0		0				0.0		0	
Giorno		N.A.	0.0	0.0	N.A.	0.0	0.0	0.0	N.A.	0.0	0.0	100.0	18.5	100.0	913.4	100.0	0	100.0	0.0	100.0	0	100.0
Ore Valide		0			0				0			24	24		24			24		24		24

N.F. Normale Funzionamento
N.A. Non Applicabile

* Media oraria non valida
Superamento limite
Impianto sotto al minimo tecnico

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Tar In taratura
F.S. Fuori scansione

AZA - Centrale di Cassano D'Adda

Turbogas in ciclo combinato - Gruppo 6 (GR6)

Medie Orarie del
26/5/2021

ORA SOLARE	STATO SEZIONE	CO rif. O2 15%			NOx (Come NO2) rif. O2 15%			O2 %		Umidità Fumi Stimata		Temperatura Fumi Camino		Pressione Fumi Camino		Portata Fumi Secchi		Potenza Generata		Portata Combustibile	
		mg/Nm³	Kg	Id (%)	mg/Nm³	Kg	Id (%)	% v/v	Id (%)	% v/v	Id (%)	°C	Id (%)	hPa	Id (%)	Nm³/h	Id (%)	MWt	Id (%)	Sm³/h	Id (%)
01:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	922.1	100.0	0	100.0	0.0	100.0	0	100.0
02:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.2	100.0	922.0	100.0	0	100.0	0.0	100.0	0	100.0
03:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	922.0	100.0	0	100.0	0.0	100.0	0	100.0
04:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	922.0	100.0	0	100.0	0.0	100.0	0	100.0
05:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.0	100.0	921.9	100.0	0	100.0	0.0	100.0	0	100.0
06:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.9	100.0	921.9	100.0	0	100.0	0.0	100.0	0	100.0
07:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	18.9	100.0	922.2	100.0	0	100.0	0.0	100.0	0	100.0
08:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.0	100.0	922.3	100.0	0	100.0	0.0	100.0	0	100.0
09:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.0	100.0	922.4	100.0	0	100.0	0.0	100.0	0	100.0
10:00	34	F	F	73.3	F	F	73.3	F	73.3	0.0	100.0	19.1	100.0	922.3	100.0	0	100.0	0.0	100.0	0	100.0
11:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	922.2	100.0	0	100.0	0.0	100.0	0	100.0
12:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.2	100.0	922.1	100.0	0	100.0	0.0	100.0	0	100.0
13:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.2	100.0	921.8	100.0	0	100.0	0.0	100.0	0	100.0
14:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	921.4	100.0	0	100.0	0.0	100.0	0	100.0
15:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	921.0	100.0	0	100.0	0.0	100.0	0	100.0
16:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	920.6	100.0	0	100.0	0.0	100.0	0	100.0
17:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.1	100.0	920.1	100.0	0	100.0	0.0	100.0	0	100.0
18:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.2	100.0	919.9	100.0	0	100.0	0.0	100.0	0	100.0
19:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.3	100.0	919.9	100.0	0	100.0	0.0	100.0	0	100.0
20:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.3	100.0	919.9	100.0	0	100.0	0.0	100.0	0	100.0
21:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.4	100.0	920.0	100.0	0	100.0	0.0	100.0	0	100.0
22:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.5	100.0	920.2	100.0	0	100.0	0.0	100.0	0	100.0
23:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.6	100.0	920.0	100.0	0	100.0	0.0	100.0	0	100.0
24:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	920.1	100.0	0	100.0	0.0	100.0	0	100.0
Limite				30.0																	
Nr. Superi																					
Massimo																					
Minimo																					
Giorno		N.A.	0.0	0.0	N.A.	0.0	0.0	N.A.	0.0	0.0	100.0	19.2	100.0	921.3	100.0	0	100.0	0.0	100.0	0	100.0
Ore Valide		0			0			0			24	24		24		24		24		24	

N.F. Normale Funzionamento
N.A. Non Applicabile

* Media oraria non valida
Superamento limite
Impianto sotto al minimo tecnico

N.D. Non disponibile
Tar In taratura
F.S. Fuori scansione

Turbogas in ciclo combinato - Gruppo 6 (GR6)

Medie Orarie del

27/5/2021

ORA SOLARE	STATO SEZIONE	CO rif. O2 15%			NOx (Come NO2) rif. O2 15%			O2 %		Umidità Fumi Stimata		Temperatura Fumi Camino		Pressione Fumi Camino		Portata Fumi Secchi		Potenza Generata		Portata Combustibile	
		mg/Nm³	Kg	Id (%)	mg/Nm³	Kg	Id (%)	% v/v	Id (%)	% v/v	Id (%)	°C	Id (%)	hPa	Id (%)	Nm³/h	Id (%)	MWt	Id (%)	Sm³/h	Id (%)
01:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	920.0	100.0	0	100.0	0.0	100.0	0	100.0
02:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.6	100.0	919.9	100.0	0	100.0	0.0	100.0	0	100.0
03:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.6	100.0	919.8	100.0	0	100.0	0.0	100.0	0	100.0
04:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.6	100.0	919.6	100.0	0	100.0	0.0	100.0	0	100.0
05:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.5	100.0	919.4	100.0	0	100.0	0.0	100.0	0	100.0
06:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.5	100.0	919.4	100.0	0	100.0	0.0	100.0	0	100.0
07:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.5	100.0	919.6	100.0	0	100.0	0.0	100.0	0	100.0
08:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.5	100.0	919.7	100.0	0	100.0	0.0	100.0	0	100.0
09:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.6	100.0	919.8	100.0	0	100.0	0.0	100.0	0	100.0
10:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	919.7	100.0	0	100.0	0.0	100.0	0	100.0
11:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	919.7	100.0	0	100.0	0.0	100.0	0	100.0
12:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	919.6	100.0	0	100.0	0.0	100.0	0	100.0
13:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.7	100.0	919.4	100.0	0	100.0	0.0	100.0	0	100.0
14:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.8	100.0	919.1	100.0	0	100.0	0.0	100.0	0	100.0
15:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.8	100.0	918.9	100.0	0	100.0	0.0	100.0	0	100.0
16:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.8	100.0	918.6	100.0	0	100.0	0.0	100.0	0	100.0
17:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	19.9	100.0	918.4	100.0	0	100.0	0.0	100.0	0	100.0
18:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.0	100.0	918.2	100.0	0	100.0	0.0	100.0	0	100.0
19:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.1	100.0	918.1	100.0	0	100.0	0.0	100.0	0	100.0
20:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.2	100.0	918.4	100.0	0	100.0	0.0	100.0	0	100.0
21:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.3	100.0	918.8	100.0	0	100.0	0.0	100.0	0	100.0
22:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.4	100.0	919.3	100.0	0	100.0	0.0	100.0	0	100.0
23:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.5	100.0	919.9	100.0	0	100.0	0.0	100.0	0	100.0
24:00	34	F	F	100.0	F	F	100.0	F	100.0	0.0	100.0	20.4	100.0	920.1	100.0	0	100.0	0.0	100.0	0	100.0
Limite				30,0																	
Nr. Superi																					
Massimo														20.5						0	
Minimo														19.5						0	
Giorno		N.A.	0,0	0,0	N.A.	0,0	0,0	N.A.	0,0	0,0	19,8	100,0	919,3	100,0	0	100,0	0,0	100,0	0	100,0	
Ore Valide		0			0			0			24		24		24		24		24		24

N.F. Normale Funzionamento
N.A. Non Applicabile

* Media oraria non valida
Superamento limite
Impianto sotto al minimo tecnico

N.D. Non disponibile
Tar In taratura
F.S. Fuori scansione