LAMPIRAN-A

HASIL PENGOLAHAN DATA MELALUI UJI-T DENGAN SPSS VERSI 10

Tabel Hasil pengolahan data CGT-2

T-Test

Group Statistics

	tempat pengukuran	N	Mean	Std. Deviation	Std. Error Mean
MW	cgt-2	720	15,818	1,160	4,324E-02
	scada	720	15,502	1,127	4,201E-02
MVAR	cgt-2	720	8,168	1,490	5,554E-02
	scada	720	8,096	1,514	5,643E-02

Independent Samples Test

			MW		MVAR	
			Equal variances assumed	Equal variances not assumed	Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,005		,060	
	Sig.		,944		,806	
t-test for Equality of Means	t		5,255	5,255	,916	,916
	df		1438	1436,813	1438	1437,639
	Sig. (2-tailed)		,000	,000	,360	,360
	Mean Difference		,317	,317	7,251E-02	7,251E-02
	Std. Error Difference		6,029E-02	6,029E-02	7,918E-02	7,918E-02
	95% Confidence Interval of the Difference	Lower	,199	,199	-8,281E-02	-8,281E-02
		Upper	,435	,435	,228	,228

Tabel. Hasil pengolahan data CGT-3

T-Test

Group Statistics

	Tempat pengukuran	N	Mean	Std. Deviation	Std. Error Mean
MW	CGT-3	720	16,133	1,753	6,533E-02
	Scada	720	15,690	1,808	6,739E-02
MVAR	CGT-3	720	9,654	1,383	5,155E-02
	Scada	720	9,493	1,437	5,355E-02

Independent Samples Test

			MW		MVAR	
			Equal variances assumed	Equal variances not assumed	Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		1,495		1,309	
	Sig.		,222		,253	
t-test for Equality of Means	t		4,712	4,712	2,169	2,169
	df		1438	1436,623	1438	1435,939
	Sig. (2-tailed)		,000	,000	,030	,030
	Mean Difference		,442	,442	,161	,161
	Std. Error Difference		9,386E-02	9,386E-02	7,433E-02	7,433E-02
	95% Confidence Interval of the Difference	Lower	,258	,258	1,544E-02	1,544E-02
		Upper	,626	,626	,307	,307

Tabel . Hasil pengolahan data CGT-4

T-Test

Group Statistics

	Tempat pengukuran	N	Mean	Std. Deviation	Std. Error Mean
MW	CGT-4	720	16,099	1,482	5,522E-02
	Scada	720	15,898	1,337	4,982E-02
MVAR	CGT-4	720	9,943	1,585	5,907E-02
	Scada	720	9,745	1,595	5,944E-02

Independent Samples Test

			MW		MVAR	
			Equal variances assumed	Equal variances not assumed	Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		5,602		,136	
	Sig.		,018		,712	
t-test for Equality of Means	t		2,701	2,701	2,364	2,364
	df		1438	1423,088	1438	1437,945
	Sig. (2-tailed)		,007	,007	,018	,018
	Mean Difference		,201	,201	,198	,198
	Std. Error Difference		7,437E-02	7,437E-02	8,380E-02	8,380E-02
	95% Confidence Interval of the Difference	Lower	5,500E-02	5,500E-02	3,369E-02	3,369E-02
		Upper	,347	,347	,362	,362

Tabel Hasil pengolahan data CGT-5

T-Test

Group Statistics

	tempat pengukuran	N	Mean	Std. Deviation	Std. Error Mean
MW	CGT-5	720	15,620	1,066	3,971E-02
	Scada	720	15,504	1,055	3,933E-02
MVAR	CGT-5	720	2,243	,432	1,609E-02
	Scada	720	7,147	,311	1,161E-02

Independent Samples Test

			MW		MVAR	
			Equal variances assumed	Equal variances not assumed	Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,097		65,784	
	Sig.		,755		,000	
t-test for Equality of Means	t		2,072	2,072	-247,242	-247,242
	df		1438	1437,863	1438	1308,010
	Sig. (2-tailed)		,038	,038	,000	,000
	Mean Difference		,116	,116	-4,904	-4,904
	Std. Error Difference		5,589E-02	5,589E-02	1,984E-02	1,984E-02
	95% Confidence Interval of the Difference	Lower	6,193E-03	6,193E-03	-4,943	-4,943
		Upper	,225	,225	-4,865	-4,865

1) **Contoh perhitungan selang kepercayaan (*interval confidence*) bagi nilai rata-rata populasi.**

$$\bar{x} \pm t_{\alpha/2} \frac{s}{\sqrt{n}}$$

dengan $\frac{s}{\sqrt{n}}$ pada output spps adalah *standar error mean.*

Jika menggunakan tingkat kepercayaan 95% maka α = (1-95%) = 0,05.

Sehingga untuk $t_{\alpha/2}$ atau $t_{0,025}$, dari tabel distribusi t diperoleh nilai untuk α=0,025 atau γ = (1-0,025) = 0,975 dengan derajat bebas ∞ adalah 1,960. Maka selang kepercayaan bagi nilai rata-rata populasi dengan tingkat kepercayaan 95% adalah: $\bar{x} \pm 1{,}960.$*std error mean*. Untuk contoh pengukuran daya aktif (MW) pada CGT-2 diperoleh selang kepercayaan adalah: $(15{,}818 \pm 1{,}960 \,.\, 4{,}324.10^{-2})$ MW = $(1581{,}800 \pm 8{,}475).10^{-2}$ MW.

2) **Contoh perhitungan selang kepercayaan (*interval confidence*) bagi rata-rata selisih dua nilai populasi.**

$$\left(\bar{x}_1 - \bar{x}_2\right) \pm t_{\alpha/2} S_p \sqrt{\frac{1}{n_1} + \frac{1}{n_2}} \quad dengan \; S_p = \sqrt{\frac{(n_1 - 1)S_1^{\,2} + (n_2 - 1)S_2^{\,2}}{n_1 + n_2 - 2}}$$

$S_p \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}$ adalah *standar error difference*, sehingga selang kepercayaannya adalah: $\left(\bar{x}_1 - \bar{x}_2\right) \pm 1{,}960.$*std error difference*. Untuk contoh perbedaan pengukuran daya aktif (MW) di CGT-2 diperoleh selang kepercayaan $(0{,}317 \pm 1{,}960.6{,}029.10^{-2})$ MW = $(31{,}700 \pm 11{,}817).10^{-2}$ MW.

LAMPIRAN-B

DIAGRAM SATU GARIS SISTEM KETENAGALISTRIKAN

PT CALTEX PACIFIC INDONESIA

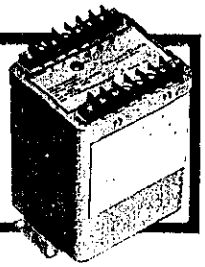
LAMPIRAN-C

SPESIFIKASI TRANSDUSER PADA MW METER DAN MVAR METER SERTA RTU C-2025

TRANSDATA, inc.

WATT TRANSDUCERS

30EWS500
SERIES



PAT. PENDING

- ACCURACY: < ± 0.2% OF READING
- 300% OVERLOAD WITH STATED ACCURACY
- 50PPM TEMPERATURE COEFFICIENT
- 5000 VOLTS SWC TEST
- UTILITY TESTED & APPROVED
- LOW POWER CONSUMPTION
- MEASURES FORWARD & REVERSE POWER FLOW
- COMPACT SIZE
- VOLTAGE OR CURRENT OUTPUT

DESCRIPTION:

The 30EWS500 series is a complete selection of highly accurate three element watt transducers featuring an accuracy of ±0.2% of Reading. To meet the demand for greater overload capabilities, the 30EWS500 series has been engineered to provide greater than 3 times full scale calibrated output, not only with linearity but with an accuracy of ±0.2% of Reading. Temperature performance so vital to overall accuracy in both product and the consumer's application is less than 0.005%/°C over an operating range of -20°C to +70°C. Other models are available in 1, 2, and 2½ element configurations with current or voltage output.

The 30EWS500 series is comprised of three element electronic transducers. The models are for use on three phase four wire systems, and are mechanically and electrically interchangeable with previous models. The two basic models in this series are the 30EWS501 which is self powered, and the 30EWS501E with auxiliary power supply, offering a complete line of transducers for utility and industrial applications.

The 30EWS500 series owes its high accuracy, excellent temperature performance, and low power consumption to the maximum utilization of highly reliable and stable low power digital circuits. No thermistors are required for temperature compensation eliminating one of the primary sources of drift. The temperature specification is rated at 0.005%/°C maximum over an operating range of -20°C to +70°C. Potential, current and power supply burdens are less than 0.02, 0.15 and 2.5VA respectively, among the lowest in the industry.

The Surge Withstand Capability (SWC) of the 30EWS500 series is 5000 volts, exceeding the IEEE SWC test.

TransData transducers are also noted for their small physical size, high reliability and applicational flexibility. Rugged construction, both internal and external, is a design requirement to assure maximum durability and longevity.

Accuracy specifications include influences of variation in voltage, current, power factor, frequency and (for current output models) variation of output load impedance over 0 to 10K ohms.

SPECIFICATIONS	MODEL NUMBER	
	30EWS501	30EWS501E
Nominal Potential Input	120 Volts	
Potential Range With Rated Accuracy	85-150 Volts	0-185 Volts
Potential Overload Continuous	175 Volts	200 Volts
Potential Burden / Element @ 120V.	< 0.02 VA [1]	< 0.02VA
Nominal Current Input	5 Amperes	
Current Range With Rated Accuracy	0-10 Amperes	
Current Overload	15A. Cont., 50A. 10 Sec. / HR, 400 A. 1 Sec. / HR	
Current Burden / Element @ 5A.	< 0.15VA	
Full Scale Calibrating Watts	1500 Watts	
Accuracy Maintained Thru Watts	4500 Watts	5550 Watts
Output At Full Scale	±1MA	
Output Load	0-10K Ohms (11 Volt Compliance)	
Accuracy At 25°C± 2°C	$\frac{\pm 0.17\% \text{ of Reading}}{PF} \pm 0.01\%RO$	
Power Factor Range	Any Power Factor	
Temperature Range	-20°C to +70°C	
Temperature Influence Max.	±0.005%/°C	
Frequency Range	50 to 70 Hz [2]	
A.C. Component (peak)	< 0.5%RO	
Response Time to 99%	< 400MS	
Operating Humidty	0-95%	
Dielectric Test (1 Min.)	2000V. RMS	
Surge Withstand Capability	5KV Peak	
Calibration Adjustment	±10% [3]	
Zero Adjustment	None	
Power Supply	None	85-135VAC, 60 Hz, < 2.5VA @ 120V
Weight	3% LBS. (1.64 Kg)	

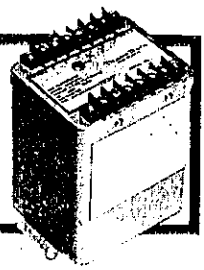
[1] Burden on Terminals 3 and 4 is < 2.5VA [2] Available at 25 and 400 Hz [3] Other Calibration Adjustments Available

SPESIFIKASI TRANSDUSER PADA MWATT METER

TRANSDATA, inc.

VAR TRANSDUCERS

20ERS500 SERIES



PAT. PENDING

- ACCURACY: < ±0.2% OF READING
- 300% OVERLOAD WITH STATED ACCURACY
- 90PPM TEMPERATURE COEFFICIENT
- 5000 VOLTS SWC TEST
- LOW POWER CONSUMPTION
- MEASURES FORWARD & REVERSE REACTIVE POWER FLOW
- COMPACT SIZE
- VOLTAGE OR CURRENT OUTPUT
- UTILITY TESTED & APPROVED

DESCRIPTION:

The 20ERS500 series is a complete selection of highly accurate single element VAR transducers featuring an accuracy of ±0.2% of Reading. To meet the demand for greater overload capabilities, the 20ERS500 series has been engineered to provide greater than 3 times full scale calibrated output, not only with linearity but with an accuracy of ±0.2% of Reading. Temperature performance so vital to overall accuracy in both product and the consumer's application is less than 0.009%/°C over an operating range of -20°C to +70°C. Other models are available in 1, 2½, and 3 element configurations with current or voltage output.

The 20ERS500 series is comprised of two element electronic transducers. The models are for use on three phase three wire systems, and are mechanically and electrically interchangeable with previous models. The two basic models in this series are the 20ERS501 which is self powered, and the 20ERS501E with auxiliary power supply, offering a complete line of transducers for utility and industrial applications.

The 20ERS500 series owes its high accuracy, excellent temperature performance, and low power consumption to the maximum utilization of highly reliable and stable low power digital circuits. No thermistors are required for temperature compensation eliminating one of the primary sources of drift. The temperature specification is rated at 0.009%/°C maximum over an operating range of -20°C to +70°C. Potential, current and power supply burdens are less than 0.02, 0.15 and 2.5VA respectively, among the lowest in the industry.

The Surge Withstand Capability (SWC) of the 20ERS500 series is 5000 volts, exceeding the IEEE SWC test.

TransData transducers are also noted for their small physical size, high reliability and applicational flexibility. Rugged construction, both internal and external, is a design requirement to assure maximum durability and longevity.

Accuracy specifications include influences of variation in voltage, current, power factor, and (for current output models) variation of output load impedance over 0 to 10K ohms.

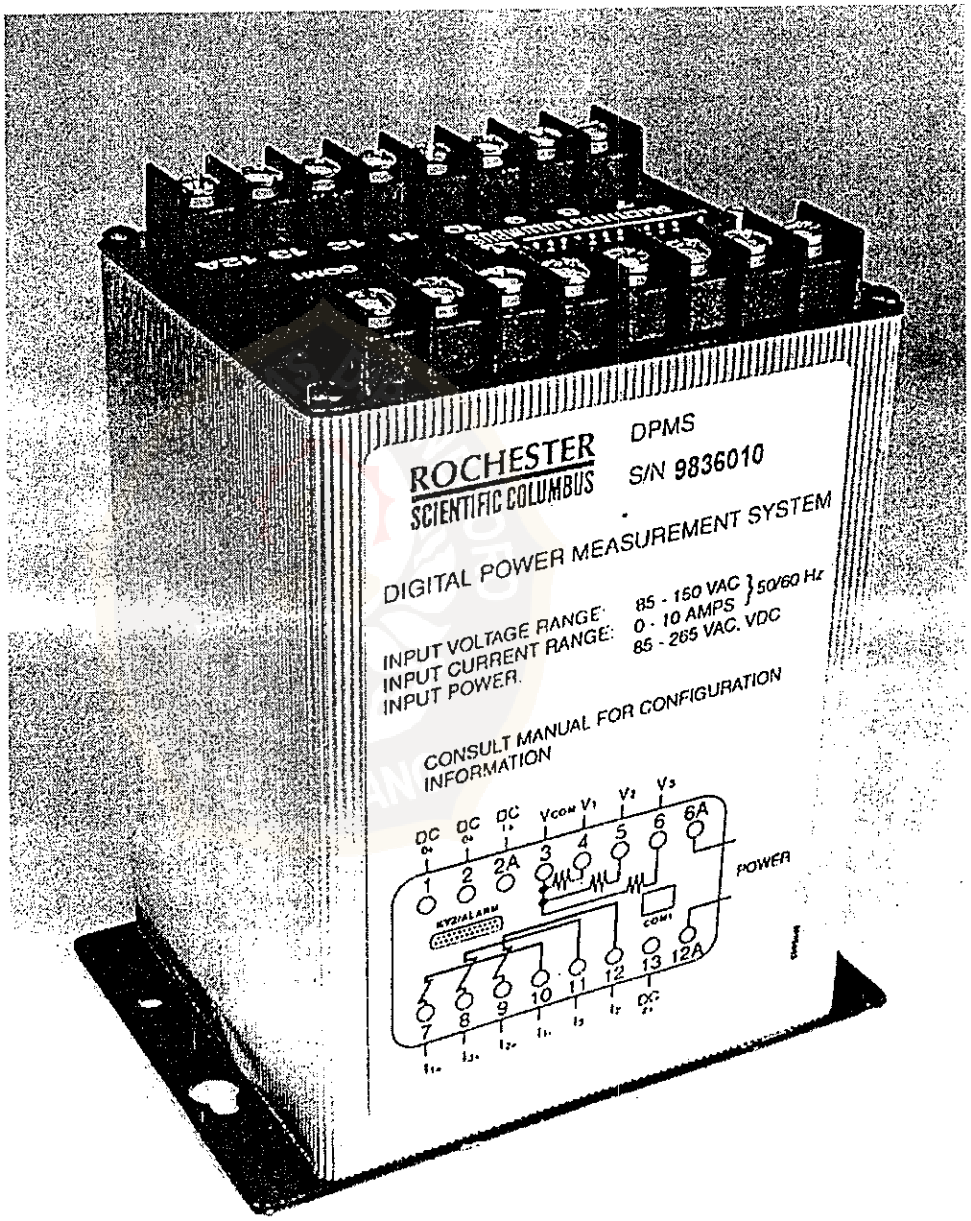
SPECIFICATIONS	MODEL NUMBER	
	20ERS501	20ERS501E
Nominal Potential Input	120 Volts	
Potential Range With Rated Accuracy	85-150 Volts	0-185 Volts
Potential Overload Continuous	175 Volts	200 Volts
Potential Burden / Element @ 120V.	< 0.02VA [1]	< 0.02VA
Nominal Current Input	5 Amperes	
Current Range With Rated Accuracy	0-10 Amperes	
Current Overload	15A. Cont., 50A. 10 Sec. / HR, 400A. 1 Sec. / HR	
Current Burden / Element @ 5A.	< 0.15VA	
Full Scale Calibrating VARS	1000 VARS	
Accuracy Maintained Thru VARS	3000 VARS	3700 VARS
Output At Full Scale	±1MA	
Output Load	0-10K Ohms (11 Volts Compliance)	
Accuracy At 25°C ± 2°C	$\frac{\pm 0.17\% \text{ of Reading}}{SIN\theta}$ ±0.03%RO	
Power Factor Range	Any Power Factor Range	
Temperature Range	-20°C to +70°C	
Temperature Influence Max.	±0.009%/°C	
Frequency Range	60 Hz [2]	
A.C. Component (peak)	< 0.5%RO	
Response Time to 99%	< 400MS	
Operating Humidity	0-95%	
Dielectric Test (1 Min.)	2000V. RMS	
Surge Withstand Capability	5KV Peak	
Calibration Adjustment	±10% [3]	
Zero Adjustment	None	
Power Supply	None	85-135VAC, 60Hz, <2.5VA @ 120V.
Weight	3¼ LBS. (1.47 Kg.)	

[1] Burden on Terminals 3 and 4 is < 2.5VA [2] Available at 25, 50 and 400 Hz [3] Other Calibration Adjustments Available

SPESIFIKASI TRANSDUSER PADA MVAR METER

INTRODUCTION

Thank you for your purchase of the Digital Power Measurement System! We are certain that you will find the advanced capabilities of our product a useful tool for your energy management requirements. Rochester Instrument Systems has been a proven innovator in the utility industry for over 35 years, and we are proud to continue that tradition with the DPMS.



SPECIFICATIONS

INPUT INFORMATION

Number of Elements	Number of Voltage inputs required	Number of Current inputs required
2	2	2
2½	2	3
3	3	3

The number of inputs is user configurable.

Current input range

Nominal (at rated output): 5 amps
Range with accuracy: 0 to 10 amps, (crest factor = 1.6)
Overload without damage: 250 amps, 1 second / hour
Peak instantaneous current: 16 amps
Typical Burden: 0.25 VA

Voltage input range

Choice of :

Nominal (RO)	Range with accuracy VAC RMS (crest factor = 1.6)	Peak Instantaneous voltage	Overload without damage (VAC RMS)
69	50 – 85	135	100
120	85 – 150	240	180
277	180 – 320	510	375
480	310 – 550	810	645

Power factor: Any
Frequency (fundamental): 45 to 65 Hz
Typical Burden: 0.05 VA

Distortion

Range: 0 to 50%
Frequency: up to 13th harmonic

Power (watts)

	Nominal Voltage	2 ELEMENT Watts	2 ½ ELEMENT Watts	3 ELEMENT Watts
Nominal (RO)	69	600	900	900
Over range with accuracy		1200	1800	1800
Nominal (RO)	120	1000	1500	1500
Over range with accuracy		2000	3000	3000
Nominal (RO)	277	2100	3150	3150
Over range with accuracy		4200	6300	6300
Nominal (RO)	480	3700	5550	5550
Over range with accuracy		7400	11100	11100

Reactive Power (VARS)

	Nominal Voltage	2 ELEMENT Vars	2 ½ ELEMENT Vars	3 ELEMENT Vars
Nominal (RO)	69	600	900	900
Over range with accuracy		1200	1800	1800
Nominal (RO)	120	1000	1500	1500
Over range with accuracy		2000	3000	3000
Nominal (RO)	277	2100	3150	3150
Over range with accuracy		4200	6300	6300
Nominal (RO)	480	3700	5550	5550
Over range with accuracy		7400	11100	11100

Watthour Registers

Two registers: one register indicates positive energy flow, a second indicates flow in the negative direction.

Register incremented: For inputs of greater than 5 mA and the minimum input voltage with accuracy, unity power factor

Register Resolution:

Nominal voltage input	Register resolution (Watthours)
69	0.6000
120	1 .0000
277	2.1000
480	3.7000

Register Overflow: Minimum of 99,999,999 Watthours
Register Integrity: Contents will not be lost or corrupted during power failures or shut down.

VARhour Registers

Two registers: one indicates positive reactive energy flow (lagging power factor), a second indicates flow in the negative direction (leading power factor).

Register incremented: For inputs of greater than 5 mA and the minimum input voltage with accuracy, zero power factor

Register Resolution:

Nominal voltage input	Register resolution (Varhours)
69	0.6000
120	1 .0000
277	2.1000
480	3.7000

Register Overflow: minimum of 99,999,999 VARhours
Register Integrity: contents will not be lost or corrupted during power failures or shut down.

System Accuracy & Resolution:

Parameter	Accuracy	Resolution			
		V_{nom} = 69	V_{nom} = 120	V_{nom} = 277	V_{nom} = 480
Voltage	±0.20% RO	0.06	0.1	0.21	0.37
Current	±0.20% RO	0.005	0.005	0.005	0.005
Neutral Current	±0.75% RO	0.005	0.005	0.005	0.005
VA	±0.50% RO	0.0006	0.001	0.0021	0.0037
Watts	±0.20% RO	0.0006	0.001	0.0021	0.0037
VARs	±0.20% RO	0.0006	0.001	0.0021	0.0037
PF	±0.008 x RO / VA	0.0001	0.0001	0.0001	0.0001
Watthour	±0.20% RO	0.6	1.0000	2.100	3.700
VAR hour	±0.20% RO	0.6	1.0000	2.100	3.700
Frequency	±0.02% Rdg	0.01	0.01	0.01	0.01
Distortion (voltage)	± 1% absolute	0.01	0.01	0.01	0.01
Distortion (current)	± 1% absolute for I ≥100mA and THD ≥2%	0.01	0.01	0.01	0.01

Long Term Drift:	less than ±0.1% of rated output shift per year, non-cumulative.

Analog Outputs

Number of Channels:	3
Assignability:	Each channel is programmable through the configuration port, to any input function, excluding Watthours and Varhours.
Level:	Factory configurable for the following ranges: 0 to 1 mA (0 @ 0, +1 mA @ RO) 4 to 20 mA (4 mA @ 0, 20 mA @ RO) All analog output channels must be configured for the same current range (i.e.: 0-1 mA, or 4-20 mA).
Over range with Accuracy 0 to 1 mA outputs: 4 to 20 mA outputs:	 2 x rated output 10% span
Compliance: 0 to 1 mA outputs: 4 to 20 mA outputs:	 10 VDC 12 VDC
Accuracy:	±0.1% of RO, when referenced to digital measurement

Digital Outputs

Number of Channels:	6
Type:	Solid State KYZ
Rating:	50 mA @ 135 VAC/VDC (less than 5 volt drop)
Assignability:	Each digital output can be individually configured for KYZ or alarm operation.

Response Time

Data registers:	Updated once per every 3 line cycles
Analog Output:	200 mS for output swing from 10% to 90%
Digital Output:	Within 200 mS of an input trip condition
Display:	Updated at least once per second

User Interface

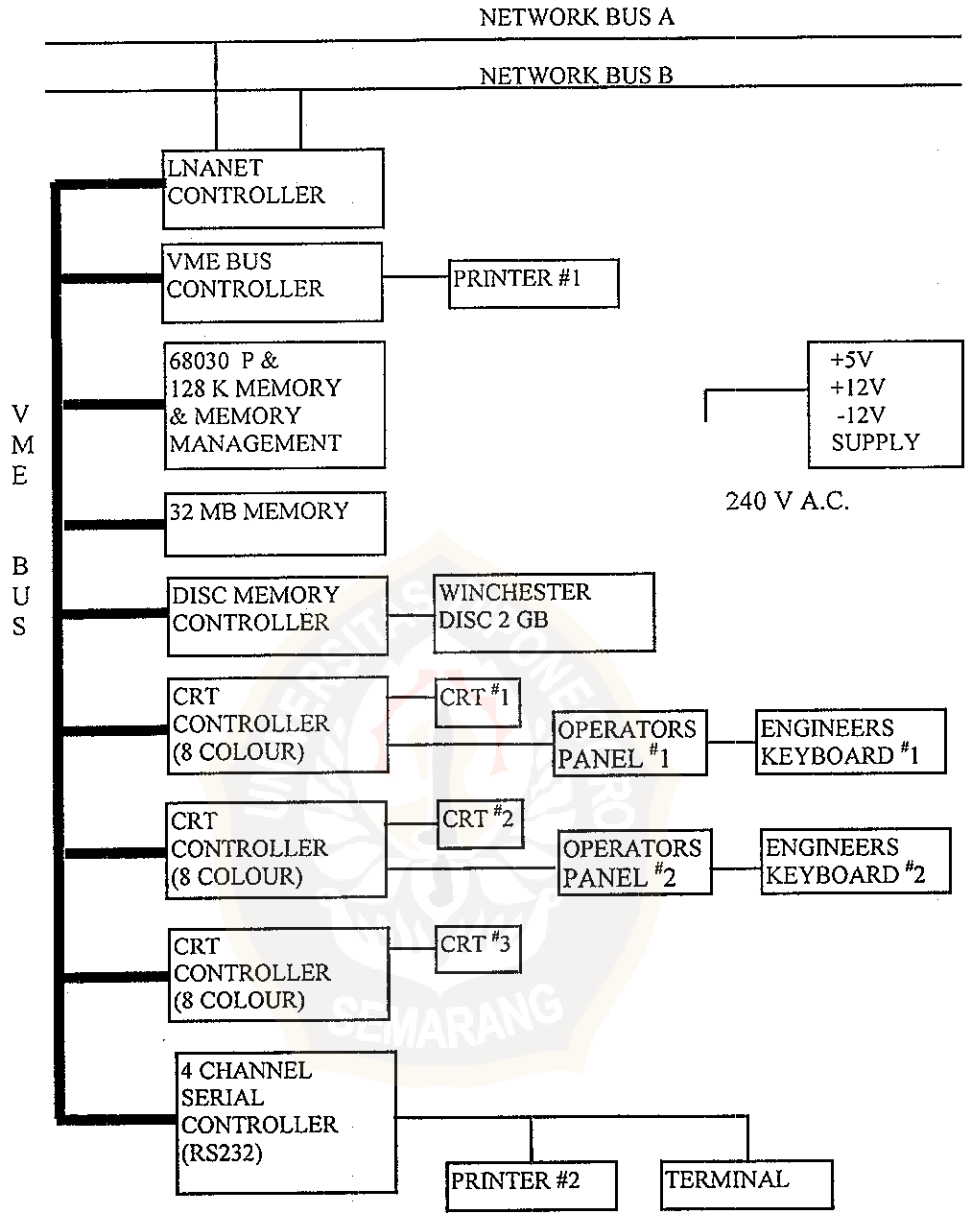
LED indicators:	Power Health Status (monitors microprocessor functions)
Configuration Port:	Asynchronous serial port using RS485 signal levels, half duplex
Communications:	ASCII with 8 data bits, 1 stop bit, no parity
Baud Rate:	9600
Handshaking:	None
Power Supply:	95 - 265 Volts; AC (50/60 Hz) or DC
PIV:	400 volts
Power Consumption:	12.VA @ 120 VAC, 50/60 Hz, max.
Warm Up Time:	5 minutes max. for rated accuracy

Environmental

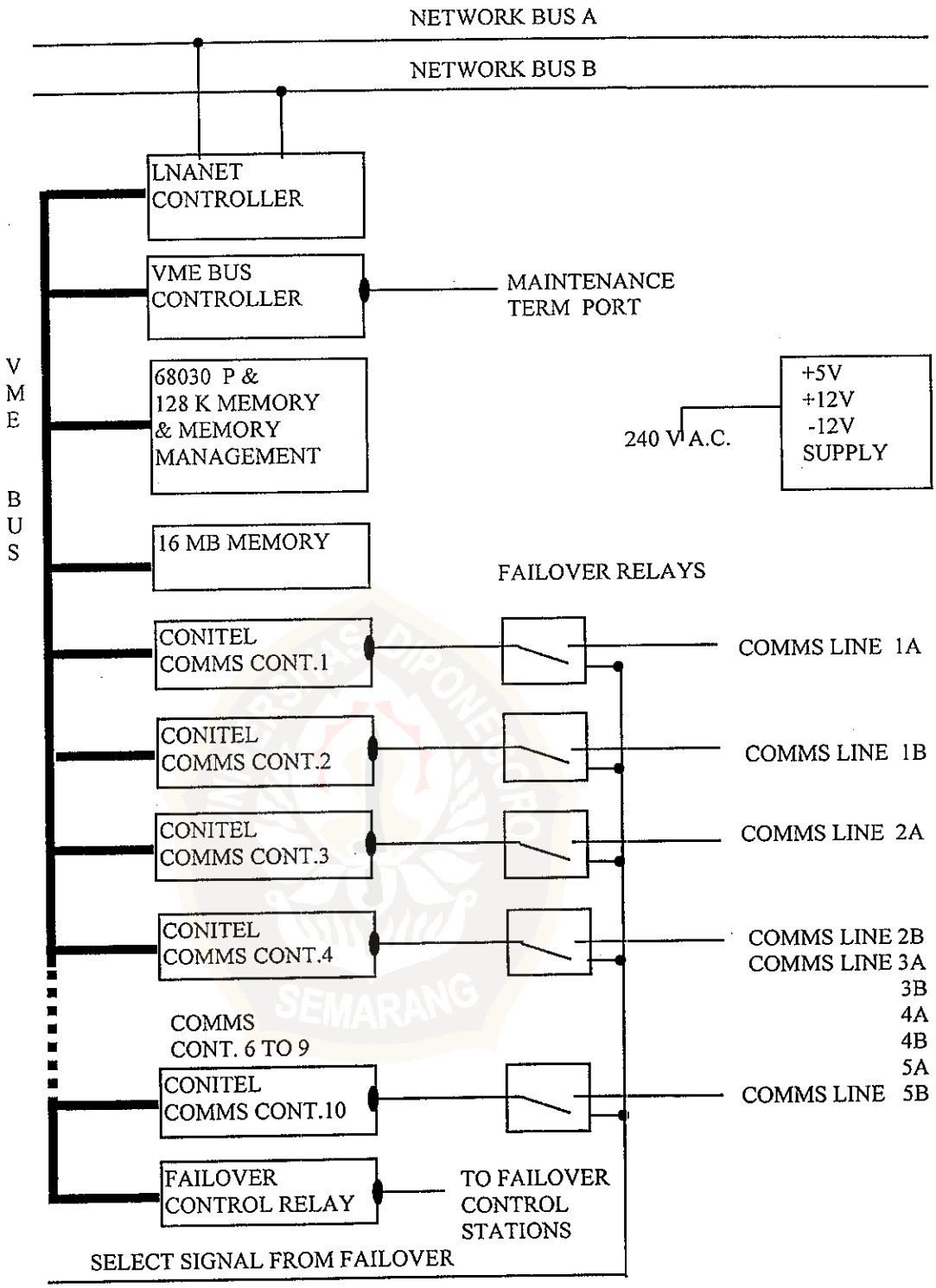
Operating Temperature:	-20 to +70 °C (-4 to +158 °F)
Storage Temperature:	-40 to +85 °C (-40 to +185 °F)
Temperature Effect on Accuracy	
Metrology:	75 ppm/ °C of rated output maximum over the operating temperature range
Analog Outputs:	125 ppm/ °C of rated output maximum over the operating temperature range
Relative Humidity	
Operating Range:	20 to 90 %, non-condensing
Humidity Effect:	Less than 0.05 % of rated output for a change in RH from 20 to 90 % at 23 °C
RFI Effects:	When tested at a field strength of 10 V/M at a distance of 1 M, from 20 MHz to 1 GHz, the output will not shift by more than 1 % of rated output. (IEC 801-3, level 3)

LAMPIRAN-D

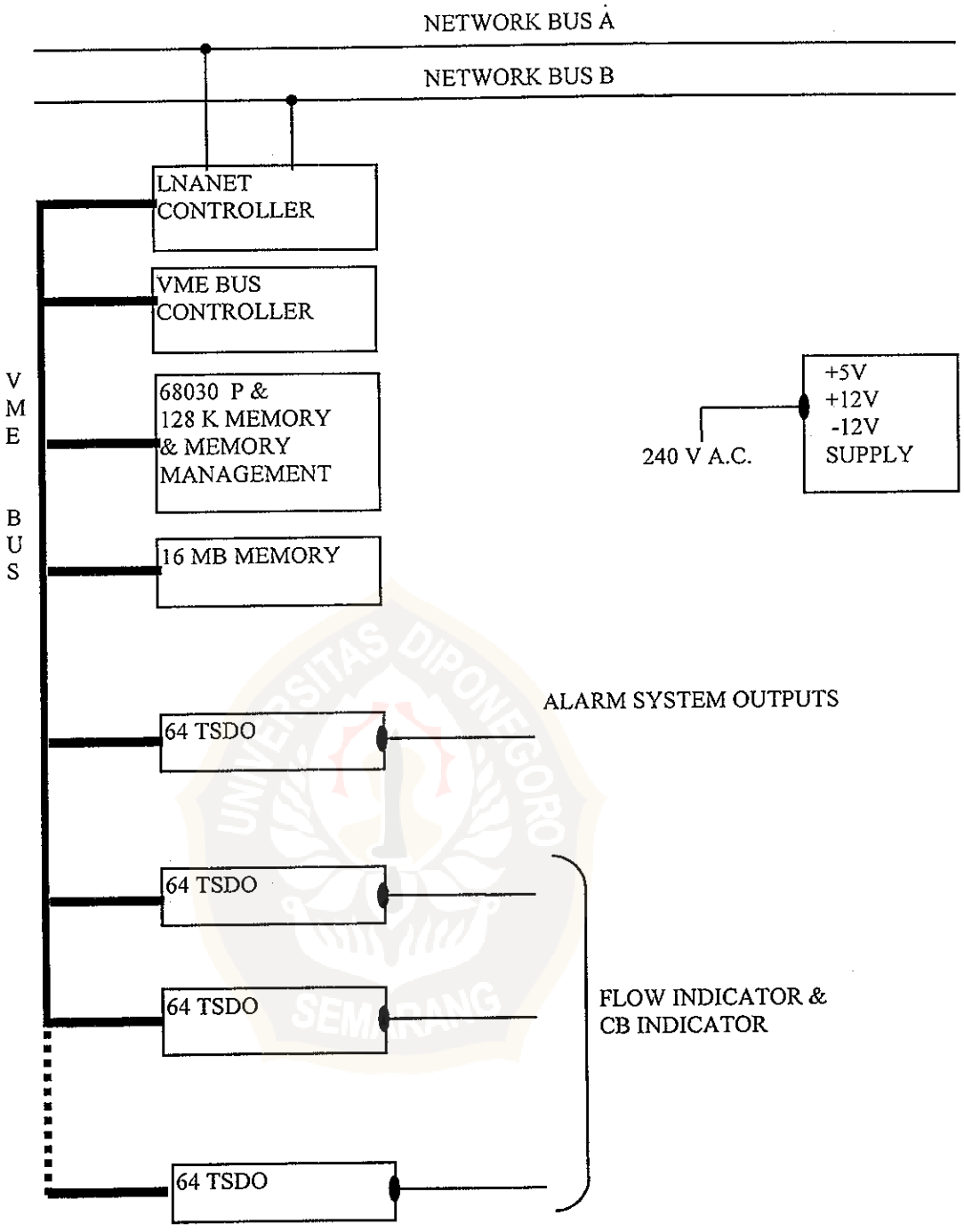
SKEMA PERANGKAT KERAS STATION-STATION PADA MASTER STATION SISTEM SCADA LN-2068



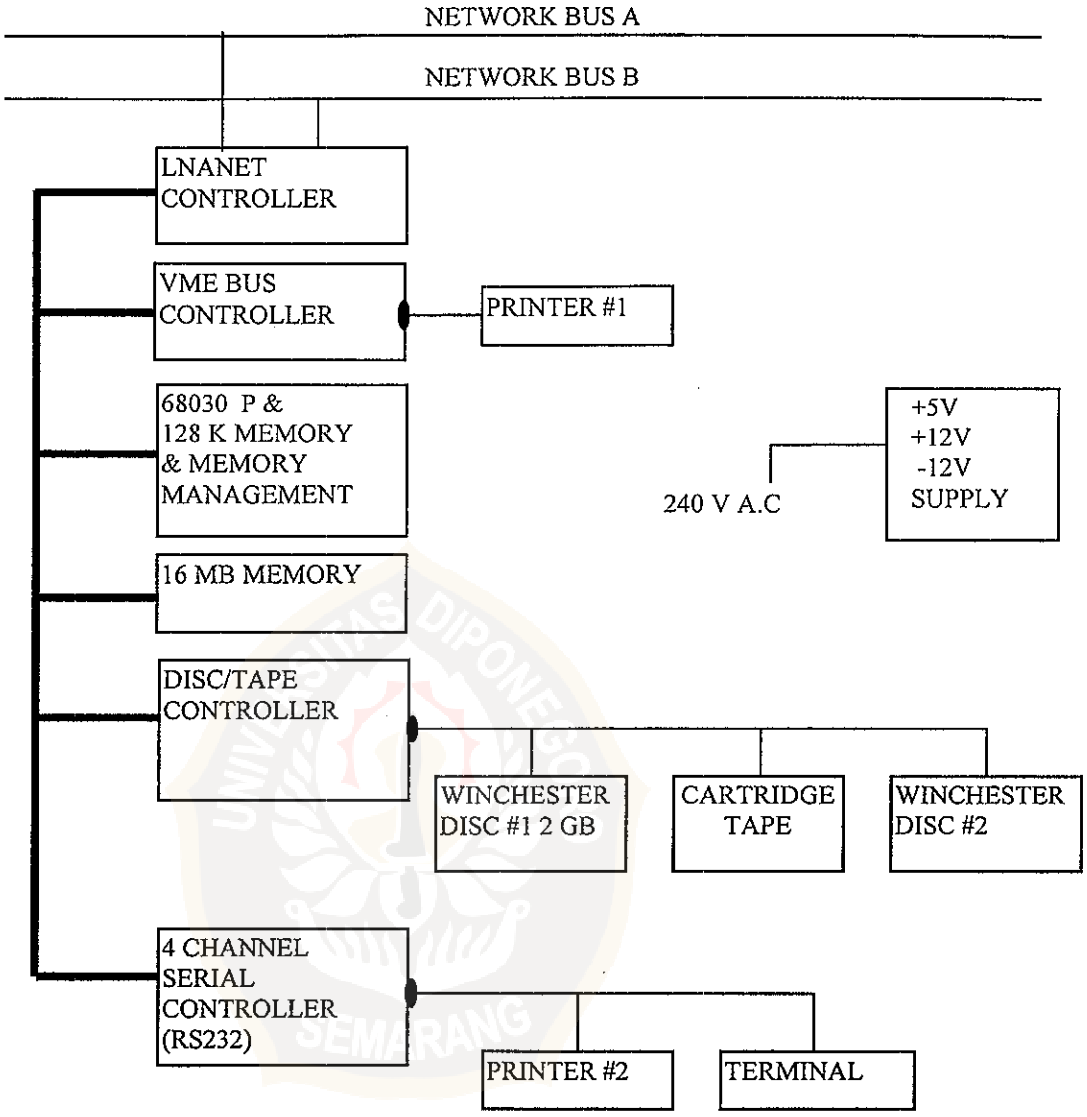
Gambar Tipe *Operator Station*



Gambar Tipe *Communication Station*



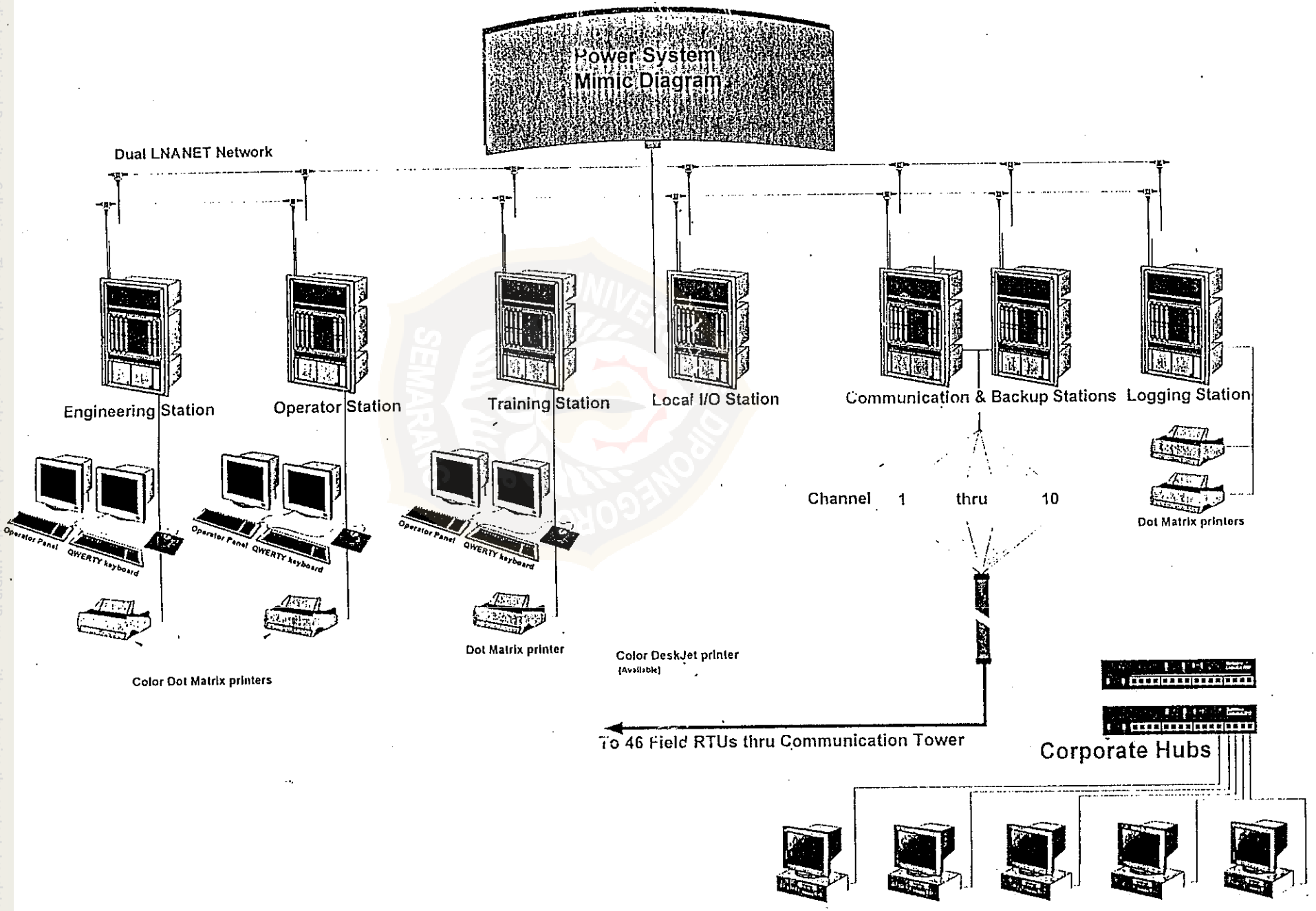
Gambar) Tipe Perangkat keras *Local I/O Station*



Gambar : Tipe *Logging Station dan System Processor*

LAMPIRAN-E

PHOTO PERANGKAT SISTEM SCADA



Gambar. Konfigurasi *Master Station* sistem SCADA LN-2068

Photo. SCADA MASTER STATION LN-2068

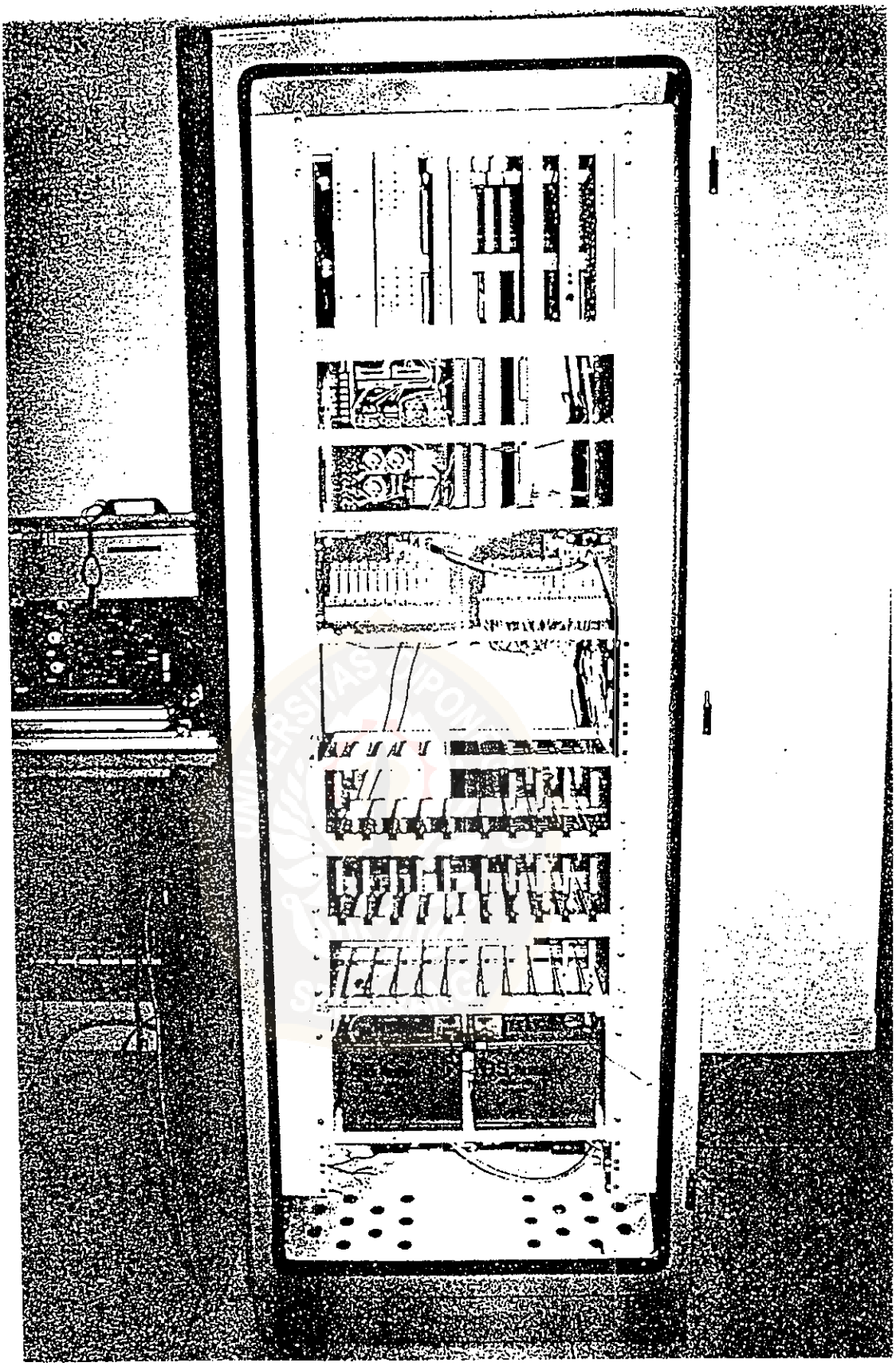


PHOTO. Remote Terminal Unit (R.TU) C-2025

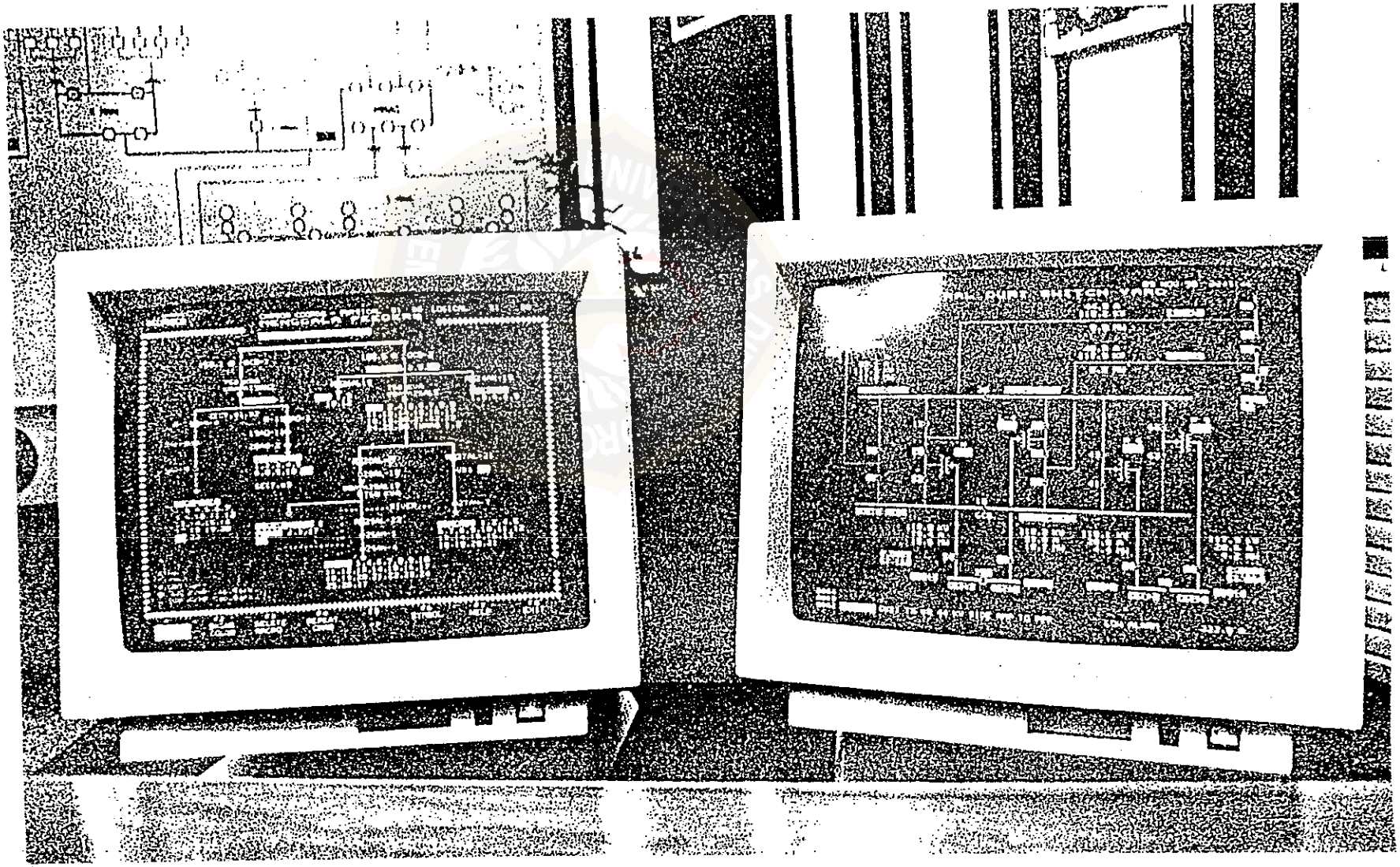


Photo. TAMPILAN SISTEM SCADA PADA LAYAR MONITOR KOMPUTER

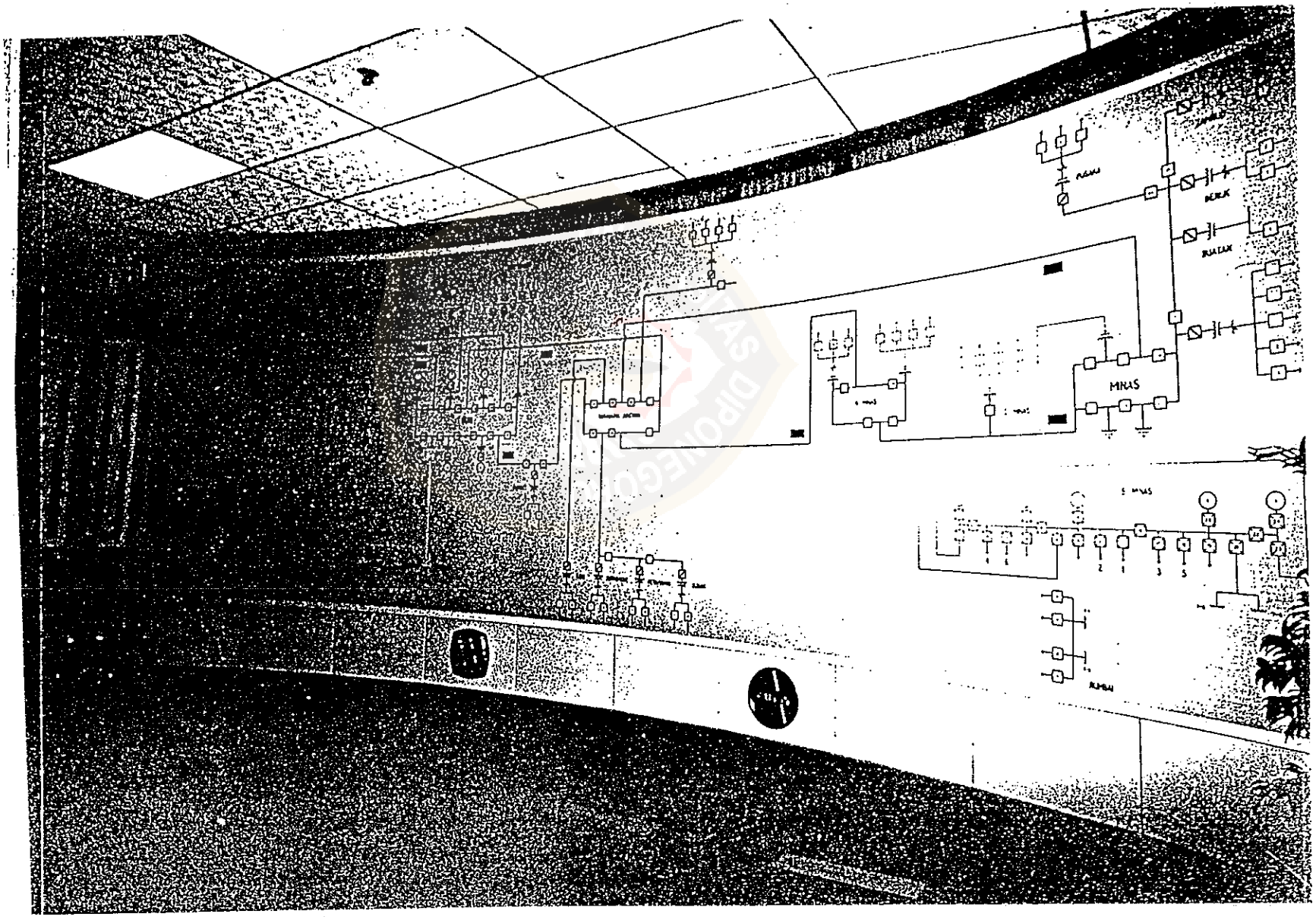


Photo. TAMPILAN SISTEM SCADA PADA MIMIC DIAGRAM (WALLBOARD)

LAMPIRAN-F

DATA PENGUKURAN DAYA AKTIF (MW) DAN DAYA REAKTIF (MVAR) PADA CGT-DURI DAN PUSAT KENDALI JARINGAN LISTRIK

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
01/04	0100	15.8	8.0	14.8	11.4	14.8	12.2	14.8	2.3	15.6	7.7	14.1	11.2	14.9	11.9	14.7	7.0
01/04	0200	15.8	8.0	14.8	11.4	14.8	12.2	14.8	2.3	15.4	8.1	14.2	11.1	14.7	12.1	14.6	7.1
01/04	0300	15.5	7.4	14.9	11.2	14.4	12.6	14.3	2.7	15.2	7.9	14.2	11.0	14.5	12.0	14.5	6.9
01/04	0400	15.5	7.4	14.9	11.2	14.4	12.6	14.3	2.7	15.4	7.3	14.3	10.7	14.6	12.0	14.4	6.7
01/04	0500	16.4	7.0	14.9	11.0	15.3	12.6	15.0	3.0	15.5	7.4	14.3	10.8	14.8	12.2	14.7	7.4
01/04	0600	16.4	7.0	14.9	11.0	15.3	12.6	15.0	3.0	15.9	7.1	14.3	10.8	15.1	11.8	15.0	7.4
01/04	0700	16.6	7.6	15.0	11.2	15.8	12.2	15.4	3.2	16.1	7.6	14.4	11.0	15.4	11.9	15.2	7.5
01/04	0800	17.0	8.5	14.9	11.2	16.3	12.3	15.8	1.9	16.2	7.9	14.2	11.0	15.7	12.8	15.4	6.9
01/04	0900	16.8	7.6	14.5	11.0	15.8	12.7	15.4	1.9	16.2	7.6	13.8	10.7	15.5	12.2	15.2	7.0
01/04	1000	16.8	7.3	14.5	11.2	14.1	12.6	15.5	2.0	15.5	7.5	13.4	10.8	14.7	12.9	14.7	6.7
01/04	1100	16.5	8.0	14.2	10.9	13.7	13.1	15.0	1.6	16.0	8.0	13.5	10.7	15.4	12.5	15.1	6.8
01/04	1200	16.4	8.2	14.2	11.4	15.6	13.0	15.2	2.0	15.9	8.2	13.5	11.0	15.5	12.6	15.1	7.0
01/04	1300	16.2	8.5	14.2	11.2	15.5	12.8	15.2	1.8	15.8	7.9	13.4	11.1	15.3	12.4	15.1	6.9
01/04	1400	16.2	8.5	14.2	11.2	15.5	12.8	15.2	1.8	15.8	8.8	13.6	11.0	15.2	12.9	15.0	6.9
01/04	1500	15.8	8.2	14.3	11.6	14.8	12.9	15.0	1.7	15.6	8.3	13.6	11.0	15.0	12.1	15.0	6.8
01/04	1600	16.2	7.3	14.5	10.9	15.4	11.9	15.4	1.5	14.9	7.8	13.8	10.9	14.1	11.8	14.4	6.6
01/04	1700	16.3	8.2	14.5	10.8	15.4	11.9	15.4	1.4	15.8	7.9	13.6	10.8	15.0	11.9	15.1	6.9
01/04	1800	16.2	8.2	14.4	10.8	15.3	11.9	15.2	1.7	15.7	7.9	13.8	10.5	15.1	12.1	15.2	6.7
01/04	1900	16.4	7.6	14.6	11.0	15.5	12.4	15.3	2.3	15.7	7.9	13.8	10.7	15.0	12.5	15.1	6.9
01/04	2000	16.4	7.6	14.6	11.0	15.5	12.4	15.3	2.3	15.9	7.7	13.9	11.0	15.2	12.0	15.4	6.9
01/04	2100	16.4	7.6	14.6	11.0	15.5	12.4	15.3	2.3	15.8	7.6	14.0	10.6	15.2	11.9	15.3	7.1
01/04	2200	16.2	7.4	14.6	10.8	15.2	12.0	15.1	2.2	15.7	7.5	14.0	10.6	15.0	11.3	15.2	7.0
01/04	2300	16.0	7.4	14.8	10.8	15.0	11.8	15.1	2.0	15.7	7.1	14.0	10.5	14.8	11.4	15.1	6.9
02/04	0000	16.0	7.4	14.8	10.8	15.0	11.8	15.1	2.0	15.5	6.9	14.0	10.5	14.6	11.4	14.8	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
02/04	0100	15.6	6.8	14.6	10.8	14.6	11.6	15.0	2.0	15.5	6.7	14.0	10.6	14.7	11.4	14.9	6.8
02/04	0200	15.6	6.8	14.6	10.8	14.6	11.6	15.0	1.8	15.3	6.8	14.0	10.8	14.6	11.4	14.8	6.9
02/04	0300	15.6	6.6	14.6	10.6	14.6	11.2	15.0	2.5	15.4	6.7	14.0	10.4	14.7	11.3	14.9	7.2
02/04	0400	15.8	6.6	15.0	10.6	14.8	11.8	15.0	2.8	15.5	6.8	14.1	10.3	14.7	11.3	14.9	7.2
02/04	0500	15.8	6.6	15.0	10.6	14.8	11.8	15.0	2.8	15.6	6.9	14.3	10.4	14.8	11.2	15.0	7.3
02/04	0600	15.8	6.6	15.0	10.6	14.8	11.8	15.0	2.8	15.5	5.9	14.4	10.6	14.8	11.7	15.0	7.3
02/04	0700	15.7	6.6	14.9	10.6	14.6	11.8	15.0	2.6	15.3	6.1	14.3	10.4	14.6	11.6	14.8	7.3
02/04	0800	16.2	5.4	14.9	10.6	15.1	11.7	15.1	2.9	15.6	6.2	14.2	10.4	14.9	11.7	15.0	7.3
02/04	0900	16.3	6.0	14.6	10.5	15.3	11.6	15.2	2.8	15.8	6.0	14.0	10.0	15.2	11.6	15.2	7.2
02/04	1000	16.4	6.1	14.5	10.8	15.4	11.5	15.4	2.5	16.1	6.2	13.8	10.6	15.3	11.4	15.4	7.2
02/04	1100	16.6	6.7	14.0	11.4	15.7	12.0	15.6	2.4	16.1	6.8	13.8	10.7	15.6	12.1	15.6	7.4
02/04	1200	16.5	6.8	13.8	11.5	15.5	12.0	15.5	2.4	16.0	6.7	13.5	11.2	15.3	11.9	15.4	7.2
02/04	1300	16.5	6.6	14.2	11.6	15.6	11.4	15.5	2.5	16.1	6.5	13.6	11.4	15.4	11.5	15.4	7.2
02/04	1400	16.3	7.6	14.2	12.0	15.6	11.7	15.4	2.5	16.1	7.2	13.6	11.4	15.5	11.8	15.5	7.2
02/04	1500	16.4	7.0	14.3	11.6	15.6	11.6	15.5	2.3	15.9	7.3	13.7	11.6	15.3	11.6	15.4	7.2
02/04	1600	16.3	8.5	14.3	11.5	15.3	11.7	15.3	2.3	15.7	7.7	13.8	11.1	15.1	11.3	15.2	7.1
02/04	1700	16.2	8.4	14.2	11.6	15.2	12.0	15.3	2.1	15.7	8.7	13.8	11.7	15.0	12.0	15.2	7.2
02/04	1800	16.2	8.6	14.2	11.6	15.2	12.0	15.3	2.5	15.9	8.8	13.8	11.6	15.2	12.2	15.4	7.3
02/04	1900	15.8	8.7	14.5	11.6	14.7	11.8	15.0	1.9	15.2	8.5	13.9	11.3	14.4	11.8	14.6	7.0
02/04	2000	15.8	7.4	14.6	11.4	14.6	12.0	14.8	2.0	15.4	8.5	14.0	11.1	14.6	11.9	14.9	6.9
02/04	2100	15.3	5.6	13.8	11.4	14.0	12.0	15.0	2.0	15.0	7.3	14.0	11.0	14.2	11.6	14.5	6.9
02/04	2200	15.0	7.0	14.0	11.0	14.0	12.0	15.0	2.0	14.6	7.7	14.1	10.9	15.0	11.5	16.4	6.8
02/04	2300	15.0	7.0	14.5	11.2	14.4	12.0	15.0	2.0	14.7	7.3	14.0	10.8	14.4	11.8	15.9	6.6
03/04	0000	15.0	7.4	14.6	11.2	14.4	12.0	15.0	1.5	11.9	3.8	12.0	7.5	12.8	9.7	14.1	6.8

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
03/04	0100	13.0	9.4	13.2	9.4	13.8	11.0	14.7	2.5	12.8	8.4	13.0	8.8	14.1	10.0	14.9	7.0
03/04	0200	13.0	9.4	13.2	9.4	13.8	11.0	14.7	2.5	12.3	8.3	12.2	9.2	13.3	10.3	14.3	6.7
03/04	0300	13.0	9.4	13.2	9.4	13.8	11.0	14.7	2.5	12.6	8.4	12.6	9.4	13.7	10.4	14.5	7.1
03/04	0400	13.0	9.4	13.2	9.4	13.8	11.0	14.7	2.5	12.7	9.3	12.6	9.4	13.7	10.1	14.6	7.1
03/04	0500	13.0	9.4	13.2	9.4	13.8	10.4	14.7	2.5	12.6	8.6	12.6	9.3	13.7	10.6	14.5	7.1
03/04	0600	13.0	9.4	13.2	9.4	13.8	10.4	14.7	2.3	12.7	9.5	12.6	9.3	13.7	10.5	14.6	7.2
03/04	0700	13.0	9.4	13.2	9.4	13.8	10.4	14.7	2.5	12.8	10.5	12.7	9.7	14.0	10.7	14.7	7.3
03/04	0800	13.2	11.0	13.3	9.8	14.0	10.4	14.7	2.8	12.9	11.5	12.8	9.7	14.1	10.2	14.8	7.4
03/04	0900	13.2	11.4	13.1	9.8	14.2	11.2	14.7	3.8	12.9	11.0	13.0	9.9	14.1	10.8	14.9	7.8
03/04	1000	14.0	11.8	14.0	9.6	14.2	10.4	15.0	3.9	13.9	11.4	13.8	9.8	14.4	10.8	14.9	7.2
03/04	1100	16.8	13.0	14.0	10.7	19.2	10.2	14.7	3.0	15.3	12.2	13.3	9.2	18.8	10.5	14.6	7.2
03/04	1200	16.8	13.0	14.0	10.7	19.2	11.2	14.8	3.0	15.3	12.7	13.3	10.3	18.8	11.1	14.6	7.3
03/04	1300	16.0	10.0	13.9	10.8	19.4	11.7	15.0	2.2	15.4	12.2	13.3	10.3	18.9	11.0	14.6	7.1
03/04	1400	16.8	10.0	14.2	11.0	19.6	11.2	15.2	2.8	16.5	10.3	13.7	10.6	19.3	11.1	15.0	7.3
03/04	1500	18.4	11.0	14.0	11.1	19.4	11.8	16.0	4.0	16.0	10.7	13.2	10.9	18.6	11.7	15.6	7.9
03/04	1600	18.4	11.0	14.0	11.1	19.4	11.8	16.0	3.0	17.7	11.0	13.2	11.0	18.8	11.7	15.6	7.4
03/04	1700	18.2	11.2	14.0	11.1	19.3	11.8	15.8	2.8	17.9	11.2	13.3	10.9	19.0	11.6	15.8	7.3
03/04	1800	18.5	11.9	14.2	11.0	19.8	11.6	16.0	2.7	17.6	11.6	13.2	10.7	18.8	11.6	15.6	7.3
03/04	1900	18.4	11.6	14.2	10.9	19.6	11.5	16.2	2.8	18.0	11.5	13.5	10.5	19.1	11.3	15.9	7.3
03/04	2000	17.9	11.8	14.0	11.3	18.9	11.9	15.4	2.5	18.0	11.7	13.4	11.0	19.0	11.8	16.0	7.3
03/04	2100	18.0	11.6	14.2	11.0	18.8	11.6	15.4	2.0	17.3	11.3	13.5	10.7	18.2	11.5	15.3	6.8
03/04	2200	17.8	11.2	14.0	11.0	18.5	11.3	15.2	1.3	17.2	11.0	13.4	10.7	18.2	11.1	15.1	6.7
03/04	2300	17.8	11.6	14.0	11.2	18.6	11.6	15.2	1.0	17.3	11.4	13.4	10.7	18.2	11.4	15.1	6.6
04/04	0000	18.2	10.9	14.5	10.9	19.0	10.8	15.6	1.8	17.8	10.6	13.9	10.6	18.7	11.0	15.7	6.9

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
04/04	0100	17.5	10.8	14.0	10.8	18.2	11.3	15.0	2.0	17.1	10.7	13.3	10.6	17.9	11.1	14.9	7.0
04/04	0200	16.8	10.4	14.6	10.9	16.5	11.2	15.6	1.9	16.2	10.8	14.0	10.6	16.1	11.1	15.4	6.9
04/04	0300	16.6	10.4	14.6	10.0	16.4	11.2	15.5	2.0	16.1	11.4	13.8	10.7	16.1	11.3	15.4	7.1
04/04	0400	16.6	11.0	14.5	10.8	16.5	11.2	15.5	2.0	16.0	10.5	13.8	10.8	15.6	11.3	15.3	7.1
04/04	0500	16.2	11.3	14.2	10.8	16.0	11.0	15.3	2.2	16.0	11.0	13.8	10.7	16.0	11.1	15.1	7.1
04/04	0600	16.0	11.5	14.3	10.9	16.2	11.4	15.3	2.0	15.6	11.5	13.8	10.8	16.0	11.4	15.3	7.0
04/04	0700	15.6	10.9	14.1	10.9	16.0	11.0	15.0	1.8	15.3	10.9	13.5	10.7	15.7	11.0	15.1	6.9
04/04	0800	15.6	10.9	14.4	10.9	16.0	11.0	15.0	1.8	15.3	10.9	13.8	10.7	15.7	11.0	15.1	6.9
04/04	0900	14.6	10.7	14.6	10.6	15.8	11.4	15.5	1.8	14.3	10.4	13.9	10.5	15.6	11.1	15.3	6.8
04/04	1000	15.2	10.7	14.8	11.0	16.5	11.8	16.0	1.8	15.0	10.4	14.2	10.8	16.1	11.8	15.8	6.8
04/04	1100	15.2	12.0	14.7	10.8	16.5	11.8	16.0	2.0	15.0	11.7	14.0	10.6	16.1	11.7	15.8	7.0
04/04	1200	15.1	10.8	14.6	10.9	16.4	12.0	15.8	2.2	14.8	10.7	13.9	10.9	16.2	12.0	15.8	7.2
04/04	1300	15.1	10.6	14.6	10.9	16.4	12.1	15.8	2.0	14.7	10.4	13.9	11.1	16.2	11.9	15.8	7.0
04/04	1400	15.1	10.2	14.5	11.2	16.3	12.1	15.8	1.9	14.7	10.2	13.8	11.2	16.1	12.0	15.6	6.9
04/04	1500	14.2	10.4	14.4	11.5	15.4	12.0	15.2	2.0	14.2	10.0	13.8	10.9	15.5	11.6	15.3	7.0
04/04	1600	14.8	10.5	14.4	11.5	16.1	11.8	15.6	1.8	14.4	10.4	13.8	10.9	16.0	11.7	15.4	6.8
04/04	1700	14.7	10.8	14.4	11.4	15.8	11.8	15.3	2.0	14.5	10.7	13.8	11.2	15.9	11.8	15.5	7.0
04/04	1800	15.4	10.8	14.6	11.0	16.5	12.0	16.0	2.0	14.6	10.6	14.0	11.2	16.0	11.9	15.8	7.0
04/04	1900	15.2	10.7	14.6	11.3	16.4	11.9	16.0	2.0	14.8	10.5	13.9	11.1	16.3	11.9	15.0	7.0
04/04	2000	15.2	10.8	14.6	11.2	16.5	11.7	16.0	2.0	14.7	10.7	14.0	10.9	16.2	11.7	16.0	7.0
04/04	2100	15.2	11.2	14.6	11.0	16.4	11.6	16.0	1.8	14.8	11.4	14.1	11.2	16.2	11.8	15.9	7.0
04/04	2200	15.0	11.0	14.8	11.1	16.1	11.9	15.8	1.7	14.7	10.8	14.2	10.8	16.0	11.8	15.7	6.9
04/04	2300	15.0	11.0	14.5	11.0	15.8	11.8	15.5	1.7	14.2	10.6	13.8	10.8	15.4	11.8	15.6	6.7
05/04	0000	15.0	11.0	14.4	11.0	15.8	11.8	15.5	1.7	14.2	10.4	13.8	10.6	15.5	10.9	15.1	6.6

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
05/04	0100	15.0	10.3	14.2	10.9	15.8	11.3	15.3	1.6	14.6	10.2	13.7	10.9	15.5	11.3	15.1	6.8
05/04	0200	15.2	10.8	14.5	11.0	16.0	11.2	15.3	1.7	14.7	10.5	13.7	10.7	15.5	11.2	15.0	6.9
05/04	0300	15.2	10.7	14.4	11.0	15.9	11.2	15.2	1.5	14.9	10.6	13.9	10.8	15.8	11.2	15.5	6.8
05/04	0400	15.2	10.7	14.4	11.0	15.9	11.2	15.2	1.5	14.7	10.5	13.7	10.8	15.6	11.1	15.3	6.8
05/04	0500	15.2	10.6	14.4	11.0	15.9	11.2	15.2	1.5	14.8	9.9	13.8	10.8	15.6	11.3	15.3	6.9
05/04	0600	15.3	10.4	14.5	10.9	16.0	11.5	15.5	1.7	14.6	9.3	13.4	10.8	21.1	11.0	14.8	6.9
05/04	0700	15.3	10.2	14.6	10.8	16.2	11.5	15.5	1.7	15.0	9.8	13.9	10.5	15.9	11.1	15.2	6.8
05/04	0800	15.5	10.2	14.6	10.8	16.2	11.6	15.5	1.5	15.1	10.2	14.1	10.7	16.0	10.9	15.4	6.8
05/04	0900	15.6	9.5	14.8	11.0	16.4	11.4	15.3	1.5	15.1	9.0	14.0	10.4	16.0	11.3	15.3	6.7
05/04	1000	15.6	9.0	14.8	10.9	16.4	11.4	15.3	1.5	14.9	8.6	13.9	10.6	15.8	11.1	15.1	6.4
05/04	1100	15.8	9.4	14.6	10.8	16.8	11.4	15.6	1.8	15.3	9.2	14.1	10.6	16.3	11.1	15.5	6.9
05/04	1200	15.8	8.5	14.5	10.6	16.8	11.2	15.6	1.7	15.5	8.1	13.9	10.6	16.4	11.3	15.6	6.8
05/04	1300	15.8	8.4	14.5	10.7	16.4	11.5	15.6	1.6	15.2	8.4	13.9	10.5	16.0	11.0	15.3	6.8
05/04	1400	15.4	8.4	14.4	10.7	17.0	11.2	15.0	2.0	15.3	8.1	13.9	10.5	16.2	11.0	15.4	7.0
05/04	1500	16.0	8.8	14.5	11.3	16.8	11.8	16.0	3.6	15.3	8.1	13.8	10.9	16.6	11.3	15.8	7.6
05/04	1600	16.0	9.6	14.5	11.5	16.4	11.8	16.0	1.6	15.3	8.1	13.8	11.2	16.4	12.2	15.6	6.9
05/04	1700	16.0	9.6	14.5	11.4	16.5	11.8	15.4	1.8	15.0	9.6	13.8	11.2	15.9	15.5	15.2	6.9
05/04	1800	15.8	10.6	14.6	11.4	16.6	11.8	15.4	1.6	15.5	10.1	13.9	11.3	16.5	11.9	15.7	6.9
05/04	1900	15.8	10.8	14.6	11.4	16.5	12.2	15.6	2.1	15.2	10.2	14.0	11.2	16.1	12.0	15.4	7.1
05/04	2000	15.2	11.0	14.5	11.3	16.0	11.8	15.0	2.0	14.9	10.7	13.8	11.1	15.9	11.6	15.2	7.0
05/04	2100	15.2	10.6	14.3	11.3	15.8	11.7	15.0	1.6	14.7	10.6	13.7	11.2	15.8	11.5	14.9	6.9
05/04	2200	15.2	10.6	14.4	11.4	16.0	11.6	15.0	1.5	14.7	10.5	13.7	11.2	15.9	11.5	15.0	6.7
05/04	2300	15.2	10.6	14.4	11.4	16.0	11.6	15.2	1.2	14.7	10.5	13.6	10.9	15.8	11.4	15.0	6.6
06/04	0000	14.8	10.0	14.0	10.8	15.5	10.7	14.8	1.5	14.4	9.9	13.3	10.8	15.3	12.2	14.6	6.8

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
06/04	0100	14.8	9.6	14.0	10.9	15.3	11.1	14.8	1.5	14.4	9.6	13.4	10.8	15.4	11.1	14.7	6.8
06/04	0200	15.0	10.0	14.2	11.0	15.0	11.4	15.0	1.6	14.4	10.0	13.4	10.8	15.5	11.2	14.8	6.9
06/04	0300	15.0	10.2	14.2	11.0	14.8	11.6	15.0	1.6	14.5	10.2	13.5	10.7	15.6	11.4	14.9	6.9
06/04	0400	15.2	10.4	14.4	11.0	16.0	11.5	15.5	1.8	14.8	10.2	13.8	10.7	15.9	11.2	15.2	6.8
06/04	0500	15.5	10.6	14.6	11.0	16.6	11.4	15.7	2.0	14.7	9.8	13.7	10.8	15.8	10.8	15.1	6.9
06/04	0600	15.6	10.6	14.6	11.0	16.8	11.4	15.8	2.0	15.2	10.3	14.2	10.9	16.4	11.3	16.2	7.0
06/04	0700	15.6	10.6	14.0	11.0	16.8	11.4	15.8	2.0	15.4	9.7	14.2	10.8	16.5	11.2	16.2	6.7
06/04	0800	15.8	10.4	14.2	11.0	17.0	11.4	16.2	2.0	15.8	10.2	14.1	10.8	17.0	11.0	16.6	6.7
06/04	0900	15.8	10.0	14.4	11.2	18.2	11.5	16.8	2.2	15.9	9.3	14.0	10.8	17.5	10.9	16.8	6.8
06/04	1000	16.0	9.8	14.4	11.2	18.0	11.4	16.9	2.2	15.7	9.9	13.8	11.0	17.4	11.1	16.7	7.1
06/04	1100	15.8	10.1	14.6	11.4	16.8	11.4	16.2	2.2	15.2	10.0	13.8	11.2	16.4	11.3	16.1	7.1
06/04	1200	15.6	10.1	14.5	11.2	16.8	11.4	16.4	2.0	14.9	10.1	13.8	10.9	16.0	11.1	15.8	7.0
06/04	1300	15.6	10.1	14.3	11.2	16.7	11.4	16.2	1.8	15.5	10.2	13.7	11.0	16.6	11.1	16.2	7.1
06/04	1400	15.6	10.0	14.0	11.2	16.4	11.4	15.8	1.8	14.9	9.8	13.7	11.0	16.1	10.7	15.7	6.7
06/04	1500	15.2	9.6	14.2	11.2	16.0	11.6	15.7	1.7	14.9	9.4	13.6	11.2	16.0	11.6	15.6	6.7
06/04	1600	15.2	10.0	14.4	11.3	16.0	11.6	15.7	1.6	14.3	9.4	13.3	11.3	15.3	11.6	15.0	6.8
06/04	1700	15.3	10.2	14.5	11.4	16.2	11.5	15.8	1.3	15.0	9.8	13.9	11.2	16.3	11.3	15.7	6.8
06/04	1800	15.4	10.7	14.6	11.6	16.2	11.4	15.8	1.0	15.0	10.5	13.9	11.2	16.1	11.2	15.7	6.9
06/04	1900	15.4	10.9	14.6	11.4	16.4	11.5	15.8	1.8	15.1	10.8	14.0	11.4	16.3	11.3	15.9	7.0
06/04	2000	15.4	10.9	14.6	11.5	16.4	11.5	15.9	1.6	15.1	10.7	14.0	11.2	16.3	11.6	15.9	6.9
06/04	2100	15.4	11.0	14.6	11.6	16.5	11.6	15.9	1.6	15.1	11.2	14.0	11.2	16.3	11.2	15.9	6.7
06/04	2200	15.3	11.0	14.6	11.0	16.6	11.3	16.0	1.0	15.1	11.1	14.0	10.8	16.2	11.2	16.0	6.6
06/04	2300	15.6	10.4	14.8	10.9	16.8	11.2	16.0	1.9	15.2	10.2	14.1	10.7	16.5	11.0	16.0	6.5
07/04	0000	15.8	10.0	14.8	10.8	16.9	11.1	16.2	2.0	15.4	9.9	14.1	10.6	16.5	10.9	16.0	6.9

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
07/04	0100	15.6	10.0	14.8	10.9	16.6	10.9	16.1	2.0	15.3	10.0	14.2	10.7	16.8	10.7	15.9	7.0
07/04	0200	15.4	9.5	14.6	10.8	16.4	11.3	16.0	2.0	15.0	9.5	14.0	10.8	16.1	11.0	15.8	7.0
07/04	0300	15.5	9.5	14.6	10.8	16.4	11.6	16.0	1.8	15.1	9.5	14.7	10.9	16.2	11.2	16.2	6.9
07/04	0400	15.6	9.2	14.8	10.8	16.6	11.4	16.2	1.8	15.0	9.1	13.9	10.6	16.1	11.0	16.0	6.9
07/04	0500	15.7	9.0	14.8	10.8	16.7	11.0	16.2	1.8	15.3	9.1	14.1	10.7	16.5	11.3	16.1	6.9
07/04	0600	16.0	9.8	14.8	10.9	17.3	11.1	16.2	2.0	15.5	9.7	14.1	10.7	17.0	10.9	16.0	7.0
07/04	0700	16.0	9.8	15.0	10.9	17.5	11.0	16.2	2.0	15.5	10.1	14.2	10.8	17.7	10.8	16.8	7.0
07/04	0800	16.0	9.8	14.8	10.9	17.5	11.0	16.0	2.0	15.5	9.7	14.1	10.8	17.9	10.8	15.8	7.0
07/04	0900	16.0	9.7	14.6	10.8	17.4	11.2	16.0	1.8	15.4	9.5	14.0	10.5	17.1	10.9	15.8	6.9
07/04	1000	16.0	9.5	14.4	10.8	17.2	11.4	16.0	1.8	15.4	9.2	13.8	10.5	17.1	11.0	15.7	6.9
07/04	1100	16.0	9.7	14.4	11.0	17.2	11.4	16.0	2.0	15.5	9.5	13.8	11.4	17.0	11.0	15.9	7.0
07/04	1200	16.0	9.8	14.4	11.0	17.2	11.4	16.1	2.4	15.6	9.6	14.7	10.9	17.0	11.1	15.7	7.2
07/04	1300	16.0	9.8	14.5	11.0	17.2	11.4	16.0	2.4	15.8	9.7	13.9	10.8	17.5	11.1	15.8	7.2
07/04	1400	16.0	9.8	14.5	11.0	17.2	11.4	16.0	2.4	16.2	9.7	13.9	10.8	17.1	11.8	16.3	7.3
07/04	1500	16.1	9.6	15.0	11.0	17.3	11.3	16.0	2.5	16.0	9.5	14.0	11.2	17.1	11.1	16.6	7.3
07/04	1600	16.1	9.5	15.0	11.0	17.4	11.2	16.0	2.5	15.7	9.4	14.4	10.9	17.2	11.4	15.6	7.4
07/04	1700	15.8	8.6	14.9	10.8	17.0	11.2	15.8	1.6	15.2	8.2	13.7	10.6	17.0	11.0	15.5	6.7
07/04	1800	15.8	8.6	14.9	10.8	17.0	11.2	15.8	1.6	15.9	8.3	13.7	10.6	17.0	11.4	15.5	6.7
07/04	1900	16.1	9.7	15.0	10.9	17.1	11.1	16.0	2.0	16.5	9.5	13.9	11.0	16.9	10.9	16.4	7.0
07/04	2000	16.1	9.7	15.0	10.9	17.1	11.1	16.0	2.0	15.5	9.9	13.9	10.8	17.6	10.8	15.8	7.0
07/04	2100	16.0	9.6	15.0	10.8	17.1	11.2	16.0	2.0	16.2	9.4	13.8	10.7	17.0	10.9	16.8	7.1
07/04	2200	15.7	9.6	14.7	10.8	16.6	11.6	15.8	1.9	15.4	9.6	13.9	10.6	16.4	11.4	17.0	6.9
07/04	2300	15.8	9.2	14.8	10.8	16.6	11.1	15.8	2.0	15.3	9.0	14.0	10.6	17.0	11.0	15.6	7.0
08/04	0000	15.6	9.2	14.7	11.0	16.4	11.4	15.8	2.0	15.3	9.0	14.0	11.0	16.1	11.1	15.5	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
08/04	0100	15.8	8.8	14.7	10.8	16.7	11.2	16.0	2.0	15.7	9.2	14.6	10.8	16.5	11.1	15.9	7.0
08/04	0200	15.8	8.8	14.7	10.8	16.7	11.2	16.0	2.0	15.7	8.7	14.8	11.0	16.9	11.3	16.3	7.0
08/04	0300	15.5	9.0	14.6	10.8	16.4	11.3	15.8	2.0	15.3	8.9	14.4	10.7	16.8	11.0	15.6	7.0
08/04	0400	15.5	8.8	14.6	10.8	16.4	11.3	15.8	2.0	15.8	8.9	15.1	10.6	16.3	11.2	16.2	7.0
08/04	0500	15.5	8.2	14.6	10.7	16.4	10.9	15.8	2.0	15.5	8.9	14.4	11.2	16.6	10.7	15.7	7.0
08/04	0600	15.6	8.0	14.7	10.7	16.6	11.3	15.9	1.9	15.4	9.5	15.0	10.5	16.4	11.5	15.6	6.9
08/04	0700	15.6	9.0	14.8	10.7	16.6	11.3	15.9	2.0	15.4	8.7	14.7	10.5	16.4	11.2	16.5	7.0
08/04	0800	15.8	9.2	15.0	10.5	16.9	11.2	16.0	2.2	15.9	8.5	15.2	10.5	16.5	11.0	15.7	7.1
08/04	0900	16.0	8.6	14.8	10.8	17.0	11.8	15.8	2.3	15.6	8.5	14.5	10.7	16.7	11.5	15.9	7.1
08/04	1000	16.0	9.0	14.7	10.6	17.0	11.0	16.0	2.6	15.9	9.3	15.1	10.7	16.7	11.5	15.0	7.3
08/04	1100	15.4	9.0	14.5	10.7	16.2	11.0	15.2	2.7	15.2	8.8	14.7	10.4	16.0	10.8	15.5	7.4
08/04	1200	16.0	8.8	14.4	10.6	17.0	11.5	15.8	2.7	15.7	8.5	15.0	10.5	16.9	11.9	15.6	7.4
08/04	1300	16.0	8.8	14.4	10.6	17.0	11.5	15.8	2.7	16.4	9.5	14.6	10.9	16.9	12.0	15.0	7.4
08/04	1400	15.6	8.0	14.4	10.8	16.0	11.6	15.3	2.7	15.4	7.9	14.6	10.4	16.9	12.4	15.1	7.3
08/04	1500	15.6	8.0	14.4	10.8	16.0	11.6	15.3	2.7	15.5	7.8	14.4	10.3	15.8	11.5	15.2	7.1
08/04	1600	15.4	8.2	14.4	10.6	16.2	11.6	15.2	2.3	16.0	8.5	14.2	11.1	17.0	11.4	16.4	7.4
08/04	1700	16.2	8.4	14.4	10.8	17.6	11.0	16.5	2.7	15.9	8.1	14.5	10.6	17.4	11.7	16.4	7.5
08/04	1800	16.2	8.4	14.4	10.8	17.6	11.0	16.5	2.7	16.0	8.2	14.5	10.6	17.3	10.7	16.0	7.2
08/04	1900	16.2	8.2	14.6	10.8	17.6	11.2	16.2	2.5	16.8	8.6	14.4	10.7	18.1	11.0	16.1	7.2
08/04	2000	16.1	8.2	14.6	10.8	17.5	11.8	16.2	2.5	16.0	8.0	14.1	10.5	17.4	11.8	15.8	7.1
08/04	2100	15.8	8.4	14.7	10.8	16.8	11.8	16.0	2.2	16.3	8.3	14.4	10.6	18.1	11.7	16.8	7.1
08/04	2200	15.8	8.4	14.7	10.8	16.8	11.8	16.0	2.2	15.7	9.5	14.5	11.3	16.6	11.6	16.4	7.1
08/04	2300	15.4	8.8	14.5	11.0	16.4	11.4	15.4	2.2	15.9	8.7	14.3	10.9	16.3	11.0	15.0	7.0
09/04	0000	15.0	7.8	14.3	11.0	16.0	11.4	15.3	2.2	14.9	7.6	14.2	10.7	16.7	11.2	15.6	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
09/04	0100	15.2	8.0	14.2	10.7	15.2	10.8	15.5	2.0	15.0	7.7	14.4	11.0	15.6	10.5	15.9	7.1
09/04	0200	15.2	8.0	14.2	10.7	15.2	10.8	15.5	2.0	15.4	7.7	14.1	10.6	15.3	10.5	15.4	7.1
09/04	0300	15.4	8.2	15.0	10.6	15.3	11.1	15.6	2.0	15.1	8.3	14.7	10.8	15.9	10.9	15.8	7.0
09/04	0400	15.4	8.2	15.0	10.6	15.4	11.1	15.6	2.0	15.7	8.0	14.7	10.3	15.5	10.8	15.4	7.1
09/04	0500	15.4	8.2	15.0	10.6	15.6	11.1	15.8	2.0	15.2	7.9	14.9	10.4	15.4	10.9	15.6	7.0
09/04	0600	16.6	8.2	14.8	10.7	15.8	11.0	16.0	2.0	16.2	8.0	15.4	10.5	16.0	11.1	16.7	6.9
09/04	0700	15.4	7.8	17.2	10.5	15.4	11.0	15.6	1.8	16.2	8.1	17.0	11.2	15.3	10.8	15.5	6.9
09/04	0800	15.6	8.0	17.8	10.2	16.0	10.6	15.8	2.2	15.3	8.5	18.3	10.0	15.6	10.4	15.6	7.0
09/04	0900	15.8	8.0	17.8	10.2	16.0	10.6	16.0	2.2	16.3	8.2	17.5	10.5	16.6	10.5	16.3	7.2
09/04	1000	15.8	7.0	17.8	10.4	16.0	11.4	16.0	2.5	15.6	10.0	18.4	10.2	15.9	11.0	15.8	7.2
09/04	1100	15.8	7.0	17.8	10.4	16.0	11.4	16.0	2.5	16.1	6.9	17.6	10.3	15.8	11.1	15.9	7.3
09/04	1200	15.6	7.5	17.8	10.8	16.0	11.4	16.0	2.6	15.9	7.1	18.3	10.5	16.8	11.7	16.0	7.4
09/04	1300	15.6	7.5	17.8	10.8	15.2	11.4	15.8	2.6	15.7	7.1	17.7	11.3	15.0	11.2	15.9	7.3
09/04	1400	15.6	7.5	17.8	10.8	15.2	11.3	15.8	2.6	15.4	8.0	18.4	10.6	15.0	11.2	15.9	7.5
09/04	1500	15.4	8.0	17.7	11.2	15.2	11.2	16.0	2.7	15.9	7.7	17.9	10.9	15.1	11.5	15.7	7.5
09/04	1600	15.4	8.0	17.7	11.2	15.2	11.2	16.0	2.7	16.0	8.6	17.6	10.9	15.1	11.0	16.4	7.6
09/04	1700	15.4	8.0	17.5	11.2	14.7	11.6	14.9	2.5	16.4	8.4	18.4	11.0	14.5	12.1	14.6	7.6
09/04	1800	15.4	8.0	17.5	11.2	14.7	11.6	14.9	2.5	15.1	7.9	17.6	11.0	14.5	12.3	15.1	7.5
09/04	1900	15.4	8.0	17.4	11.0	14.7	11.7	15.2	2.5	15.7	7.8	17.2	11.1	14.5	12.1	15.0	7.4
09/04	2000	15.4	8.0	17.4	11.0	14.7	11.8	15.4	2.5	15.1	7.9	18.4	11.2	14.8	11.2	15.1	7.4
09/04	2100	15.2	8.0	17.2	11.0	14.5	11.4	15.0	2.5	15.1	8.3	17.1	11.5	14.8	11.2	15.0	7.3
09/04	2200	15.0	7.8	17.0	10.8	14.4	11.2	14.8	2.4	15.0	7.7	17.5	11.5	15.0	11.1	14.7	7.4
09/04	2300	15.0	7.8	17.0	10.8	14.4	11.2	14.8	2.4	14.9	7.6	16.9	10.7	14.3	11.5	14.6	7.2
10/04	0000	15.2	7.8	17.4	10.8	14.4	11.0	14.6	2.4	15.0	8.1	17.0	11.2	14.7	11.2	15.0	7.3

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
10/04	0100	15.2	7.2	17.4	10.8	14.5	11.0	14.6	2.4	15.6	7.3	17.8	11.0	14.8	10.8	15.3	7.1
10/04	0200	15.3	7.2	17.5	10.8	14.5	11.0	14.5	2.5	15.2	7.0	17.3	10.5	14.3	10.9	14.2	7.2
10/04	0300	15.3	7.2	17.5	10.8	14.5	11.0	14.5	2.5	15.1	7.1	17.8	11.2	14.7	10.8	14.9	7.1
10/04	0400	15.3	7.2	17.5	10.8	14.5	11.0	14.5	2.5	15.1	7.7	17.6	10.7	14.4	10.7	14.3	7.2
10/04	0500	15.3	7.2	17.5	10.8	14.5	11.0	14.5	2.5	15.5	7.1	17.7	11.0	14.3	10.9	14.3	7.3
10/04	0600	20.5	7.2	21.8	10.8	21.0	10.8	21.5	2.0	17.8	7.3	19.2	10.5	17.4	10.7	17.6	6.9
10/04	0700	15.8	7.6	17.8	10.7	15.2	11.0	15.0	2.5	16.7	7.3	17.7	11.4	15.4	10.8	14.8	7.2
10/04	0800	15.8	7.6	17.8	10.7	15.2	11.0	15.0	2.5	15.7	7.4	18.0	10.6	15.0	10.9	15.2	7.3
10/04	0900	16.0	7.4	18.0	10.4	15.4	10.6	15.2	2.5	16.6	8.0	18.4	10.5	15.7	11.0	14.9	7.3
10/04	1000	16.0	7.6	18.0	10.8	15.4	11.0	15.2	3.0	15.8	7.5	17.8	10.6	16.1	10.7	15.0	7.5
10/04	1100	16.0	7.6	18.0	11.0	15.4	11.2	15.2	3.2	15.7	7.2	18.0	11.4	15.3	10.9	16.5	7.6
10/04	1200	15.5	7.4	17.8	11.4	15.0	11.4	15.2	2.8	15.9	7.2	17.8	11.1	15.5	11.0	14.9	7.4
10/04	1300	15.5	7.4	17.8	11.4	15.0	11.4	15.2	2.8	15.4	7.9	17.9	11.2	14.9	11.1	15.1	7.4
10/04	1400	15.2	7.2	17.3	11.4	14.8	11.4	15.0	2.5	15.1	7.0	17.3	11.1	15.4	11.2	15.1	7.3
10/04	1500	15.2	7.2	17.3	11.4	14.8	11.4	14.8	2.5	15.9	7.7	17.2	11.9	14.6	11.2	14.6	7.2
10/04	1600	15.4	7.8	17.4	11.4	14.8	11.4	15.0	2.2	15.1	7.7	17.9	11.2	15.2	11.3	14.9	7.1
10/04	1700	15.4	7.8	17.4	11.4	15.0	11.6	15.0	2.0	16.9	8.5	17.4	11.2	14.9	11.2	16.2	7.0
10/04	1800	15.6	7.8	17.6	11.4	15.0	11.6	15.0	2.0	16.2	7.6	17.4	12.2	15.5	11.4	14.9	7.0
10/04	1900	15.5	7.8	17.5	11.3	15.0	11.8	15.0	2.2	15.6	8.2	18.6	11.7	14.8	11.5	14.8	7.1
10/04	2000	15.5	7.8	17.4	11.2	15.0	12.0	15.0	2.3	15.4	7.6	17.4	11.0	15.4	11.8	14.3	7.2
10/04	2100	15.4	7.8	17.3	11.3	14.6	11.8	15.0	2.0	15.8	8.0	17.8	11.0	14.9	11.6	14.8	7.0
10/04	2200	15.4	7.8	17.3	11.4	14.6	11.8	15.0	2.0	15.2	7.7	17.1	10.2	14.8	11.5	15.6	6.9
10/04	2300	15.4	7.8	17.3	11.5	14.6	11.8	15.0	2.0	15.6	8.1	17.2	11.3	14.4	11.7	15.5	7.0
11/04	0000	15.4	7.8	17.3	11.5	14.6	11.8	15.0	2.0	15.9	7.6	17.1	12.1	14.9	11.6	14.8	6.9

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
11/04	0100	15.0	7.6	17.1	11.0	14.5	11.6	14.6	1.6	14.8	8.3	17.5	10.7	14.2	11.5	14.3	6.8
11/04	0200	15.0	7.6	17.0	11.0	14.5	11.6	14.6	1.6	14.8	7.4	16.9	11.3	14.3	12.2	14.9	6.7
11/04	0300	15.0	7.6	17.0	11.0	14.4	11.6	14.6	1.6	15.5	7.9	16.8	10.7	14.3	11.4	13.8	6.8
11/04	0400	15.0	7.5	17.0	11.0	14.5	11.6	14.6	1.6	14.8	7.3	16.7	10.9	14.8	11.4	15.5	6.8
11/04	0500	15.0	7.6	17.0	11.0	14.5	11.6	14.5	1.6	15.4	7.3	16.8	11.3	14.3	11.3	15.3	6.7
11/04	0600	15.4	8.0	17.6	11.0	14.9	11.4	15.0	1.5	15.2	7.9	18.2	10.9	14.7	12.1	14.8	6.6
11/04	0700	15.8	7.8	17.8	10.6	15.3	11.2	15.0	1.8	16.0	8.0	17.5	10.4	15.0	11.0	14.7	6.9
11/04	0800	17.4	7.2	17.2	10.6	14.6	11.2	14.8	2.2	16.3	7.0	17.0	10.4	15.0	11.1	15.7	7.0
11/04	0900	14.6	6.2	16.8	10.8	14.0	10.0	14.5	2.2	14.3	6.5	17.3	11.3	14.9	11.3	14.4	7.1
11/04	1000	14.6	6.6	17.0	11.0	14.2	9.8	14.8	2.5	15.2	6.3	16.8	10.9	14.0	9.6	15.2	7.2
11/04	1100	14.6	6.6	17.0	11.0	14.2	9.8	14.8	2.5	14.4	6.2	16.9	11.9	15.9	9.7	15.0	7.2
11/04	1200	14.5	7.6	16.8	11.1	13.8	11.4	14.8	2.5	15.9	8.0	17.2	11.0	13.6	11.2	15.1	7.3
11/04	1300	14.3	7.6	16.6	11.2	14.0	11.3	14.5	2.3	14.1	7.5	16.4	10.9	16.9	12.0	14.9	7.1
11/04	1400	14.4	7.5	16.6	11.3	13.8	11.0	14.5	2.3	14.7	8.3	16.5	11.1	13.6	10.7	13.0	7.2
11/04	1500	14.2	7.2	16.4	11.4	14.8	10.8	14.6	2.2	14.3	7.0	16.9	12.0	14.5	11.0	14.9	7.0
11/04	1600	14.4	7.6	16.8	11.4	14.8	11.0	14.8	2.2	14.2	7.2	16.7	11.2	14.6	11.1	15.9	7.1
11/04	1700	14.5	8.0	17.0	11.4	15.0	11.3	15.2	2.0	15.0	8.4	18.5	11.2	15.9	11.8	15.0	7.0
11/04	1800	14.8	8.0	16.6	11.4	14.8	12.0	15.0	2.0	14.5	7.8	17.5	11.9	14.6	11.9	14.9	7.1
11/04	1900	14.8	8.6	16.6	11.4	14.6	12.0	15.0	2.3	15.8	8.5	16.7	11.6	15.2	11.8	15.2	7.3
11/04	2000	14.8	8.5	16.6	11.4	14.6	12.0	15.0	2.3	14.7	8.4	16.5	11.3	14.4	11.8	14.8	7.2
11/04	2100	14.8	8.5	16.6	11.4	14.6	12.0	15.0	2.3	15.5	9.4	17.4	11.2	15.4	12.8	14.5	7.0
11/04	2200	14.8	8.5	16.5	11.4	14.6	12.0	15.0	2.3	14.7	8.3	16.3	12.1	15.5	11.7	14.9	7.3
11/04	2300	14.0	8.4	15.8	11.6	13.8	12.0	14.3	2.0	14.3	8.9	15.5	12.0	13.7	11.8	13.2	7.1
12/04	0000	14.0	8.4	15.8	11.6	13.8	12.0	14.3	2.0	13.9	8.8	15.6	11.3	14.1	12.5	14.2	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
12/04	0100	14.0	8.5	15.8	11.6	13.8	12.0	14.3	2.0	14.5	8.2	15.5	11.5	13.5	12.4	14.0	6.8
12/04	0200	14.0	8.5	16.0	11.5	13.8	12.0	14.5	2.0	14.7	8.2	16.4	11.6	14.1	11.9	14.4	6.9
12/04	0300	14.0	8.5	16.0	11.6	13.8	12.0	14.5	2.0	14.3	8.9	16.8	11.4	13.5	11.8	15.3	7.0
12/04	0400	14.0	8.5	16.0	11.6	13.8	12.0	14.5	2.0	14.2	9.0	15.8	12.0	14.3	12.8	16.0	6.9
12/04	0500	14.2	8.5	16.0	11.6	13.8	12.0	14.5	2.0	14.0	9.2	15.9	12.4	14.0	12.7	15.4	7.0
12/04	0600	14.5	8.6	16.0	11.6	13.8	12.0	14.5	2.0	14.0	8.5	15.8	11.7	14.0	12.1	14.4	7.1
12/04	0700	14.9	8.0	16.7	11.0	14.9	11.4	15.1	1.7	14.8	8.2	17.3	11.2	14.0	11.9	15.5	7.0
12/04	0800	14.9	8.0	16.7	11.0	14.9	11.4	15.2	1.6	15.4	8.0	16.5	10.9	14.5	11.2	15.0	6.5
12/04	0900	14.9	7.8	16.8	10.9	14.9	10.8	15.2	1.4	15.6	7.7	17.4	11.5	14.6	10.9	15.1	6.6
12/04	1000	15.5	8.3	16.9	10.9	15.4	11.0	15.2	1.6	17.1	8.5	17.1	11.6	14.7	11.3	15.8	6.5
12/04	1100	15.5	8.4	14.8	11.4	14.8	11.2	15.3	1.6	15.2	8.7	16.5	10.9	14.5	11.3	15.2	6.8
12/04	1200	15.2	7.1	15.8	11.2	14.3	11.7	15.0	1.6	15.5	7.0	15.5	10.9	13.2	11.8	15.6	6.8
12/04	1300	13.0	5.4	14.6	7.4	13.4	7.0	14.0	2.5	12.8	5.0	15.2	7.5	14.1	7.5	14.3	6.9
12/04	1400	14.6	10.0	15.3	10.0	14.2	9.6	14.5	2.1	15.3	10.5	15.0	10.9	14.3	9.5	14.3	6.7
12/04	1500	14.9	11.4	15.7	10.3	14.5	9.5	15.4	3.0	15.5	12.3	15.5	10.9	14.2	9.6	15.3	7.7
12/04	1600	15.5	11.2	16.2	10.8	14.8	9.4	16.0	2.8	15.5	11.1	16.9	10.7	14.7	10.0	16.8	7.0
12/04	1700	15.4	10.2	16.2	10.7	15.2	9.8	16.2	2.4	15.5	10.0	16.0	10.7	15.7	9.7	16.1	7.5
12/04	1800	15.2	9.8	15.9	10.5	14.7	10.0	15.8	2.4	15.0	10.0	17.1	10.7	15.5	10.8	15.5	7.4
12/04	1900	14.8	8.0	15.5	11.0	14.4	10.6	15.5	3.0	15.5	9.3	15.3	11.4	14.6	10.5	15.6	7.0
12/04	2000	14.8	8.0	15.5	11.0	14.4	10.6	15.5	3.0	15.0	7.8	16.0	11.3	14.9	11.4	15.6	7.2
12/04	2100	14.6	8.0	15.2	11.2	14.0	11.0	15.4	2.2	15.9	8.7	15.0	11.0	14.2	11.7	15.8	7.2
12/04	2200	14.6	8.0	15.2	11.2	14.0	11.0	15.4	2.2	14.5	7.8	15.5	11.3	14.5	11.1	16.3	7.1
12/04	2300	14.5	8.2	15.2	10.6	14.0	11.0	15.4	2.2	13.9	8.5	15.9	10.5	13.8	10.9	16.1	7.4
13/04	0000	14.4	7.8	14.9	9.8	13.6	10.2	15.0	2.1	14.8	7.7	16.0	10.2	13.7	10.3	15.1	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
13/04	0100	14.4	7.6	14.9	10.0	17.6	11.0	15.2	2.0	13.8	7.2	14.2	10.3	16.8	11.2	15.6	7.0
13/04	0200	14.4	7.6	14.9	10.0	17.6	11.0	15.2	2.0	13.9	8.0	14.3	9.7	17.0	10.5	14.9	7.1
13/04	0300	14.6	7.6	15.0	10.0	14.2	11.0	15.2	2.0	14.0	7.2	14.7	9.8	15.4	10.7	15.8	6.9
13/04	0400	14.6	7.2	15.0	9.6	14.2	10.4	15.2	2.0	13.9	7.0	15.5	10.0	13.8	9.6	14.7	6.8
13/04	0500	14.6	7.2	15.0	9.6	14.2	10.4	15.2	2.0	14.1	6.9	14.7	9.2	14.5	9.7	14.8	7.3
13/04	0600	20.6	7.2	22.2	9.6	21.6	10.6	21.6	2.0	19.9	6.8	21.5	9.3	21.1	9.9	20.9	7.2
13/04	0700	15.0	7.4	14.9	9.6	18.0	10.6	16.7	2.5	15.2	7.1	14.5	9.2	17.5	10.0	21.8	7.4
13/04	0800	15.2	7.6	14.8	9.6	18.0	10.6	16.5	2.5	14.9	8.0	14.4	9.1	18.6	10.1	16.0	7.1
13/04	0900	15.4	7.8	14.8	9.6	18.0	10.6	16.5	2.5	15.0	7.3	14.5	9.3	17.6	10.7	16.1	6.9
13/04	1000	15.4	7.8	14.8	9.6	18.0	10.6	16.5	2.5	15.1	7.4	15.1	9.4	17.5	9.9	16.0	7.2
13/04	1100	15.4	7.8	14.8	9.6	18.0	10.6	16.5	2.5	15.2	7.3	14.5	9.8	17.4	10.1	16.2	7.3
13/04	1200	15.4	7.8	14.8	9.6	18.0	10.6	16.5	2.5	15.1	8.1	16.3	10.2	17.6	10.2	16.7	6.7
13/04	1300	15.3	8.4	14.8	9.6	18.0	11.0	16.4	2.6	15.8	7.9	14.6	9.3	18.3	10.7	16.0	6.9
13/04	1400	14.7	8.0	14.8	9.6	17.5	11.2	16.1	2.2	14.2	7.8	14.5	9.1	17.0	10.8	15.8	7.1
13/04	1500	14.5	7.6	14.0	9.6	17.2	11.3	15.9	1.0	14.2	8.3	13.7	9.3	16.7	10.7	16.4	6.4
13/04	1600	15.5	8.6	15.1	9.6	18.0	11.0	16.8	2.7	14.7	7.9	15.8	10.1	17.4	10.5	16.2	6.8
13/04	1700	15.5	9.0	17.0	9.8	18.0	11.6	16.8	2.8	14.9	8.3	16.3	9.2	17.6	11.8	14.9	7.6
13/04	1800	15.5	9.0	17.0	9.3	18.0	11.6	16.8	2.8	14.8	8.5	16.5	9.0	17.5	11.1	16.5	7.7
13/04	1900	15.0	9.0	17.2	9.6	18.0	11.2	16.3	3.0	14.7	8.6	16.7	9.9	17.7	10.8	16.4	7.9
13/04	2000	15.3	10.8	17.7	10.7	18.0	11.2	17.0	2.0	14.9	10.5	17.2	9.9	18.4	10.7	15.9	7.0
13/04	2100	15.3	10.0	17.6	10.6	17.8	11.4	16.8	2.0	15.0	10.6	18.6	10.2	17.5	11.8	16.7	7.2
13/04	2200	15.0	9.4	17.2	10.0	17.8	11.4	16.3	1.3	16.4	9.1	16.8	9.5	17.4	11.0	16.1	6.5
13/04	2300	15.1	9.4	17.3	9.8	17.0	11.5	16.7	2.4	14.8	9.2	16.9	9.9	17.4	11.2	16.9	7.4
14/04	0000	14.8	8.6	17.0	9.4	17.3	11.5	16.7	2.4	14.5	8.9	17.6	10.1	16.8	11.7	16.6	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
14/04	0100	14.8	8.4	17.0	9.8	14.0	7.4	16.3	2.1	14.3	7.9	17.6	10.0	14.4	7.0	16.6	6.5
14/04	0200	14.8	8.6	16.8	9.6	14.0	7.4	16.0	2.0	14.5	8.9	16.5	9.3	13.7	7.1	15.5	6.8
14/04	0300	15.0	8.6	17.0	9.8	13.8	7.8	16.2	2.2	15.6	8.1	17.7	9.4	13.4	8.2	15.6	7.0
14/04	0400	15.0	8.6	17.0	9.8	13.8	7.8	16.4	2.4	14.6	9.1	16.4	9.6	13.5	7.5	15.8	7.4
14/04	0500	15.0	8.6	17.0	9.8	13.9	8.2	16.4	2.4	14.5	8.0	16.5	9.5	14.5	7.8	16.0	7.5
14/04	0600	14.9	8.8	17.0	9.4	14.5	8.2	16.3	2.3	14.4	8.4	16.7	10.2	13.9	8.3	16.4	7.3
14/04	0700	14.9	8.8	17.0	9.4	14.5	8.2	16.4	2.4	15.4	8.5	17.2	10.5	14.2	7.9	16.0	7.6
14/04	0800	14.9	8.8	17.0	9.4	15.0	8.5	16.4	2.4	14.5	8.4	16.4	9.1	15.4	8.2	15.9	7.4
14/04	0900	15.7	8.8	17.8	10.0	15.6	8.5	16.5	3.0	16.8	9.0	17.2	9.7	15.2	8.8	16.2	7.8
14/04	1000	15.6	8.9	18.0	10.2	15.6	8.5	16.9	3.0	15.1	8.5	18.5	9.8	15.4	8.1	16.5	7.9
14/04	1100	15.4	8.9	17.6	10.0	16.0	7.9	16.3	3.0	15.0	9.2	17.1	9.6	16.5	7.7	16.0	7.7
14/04	1200	15.4	8.0	17.6	10.0	14.0	7.9	16.4	3.0	14.9	7.6	17.2	10.3	14.7	8.3	16.9	7.6
14/04	1300	15.5	8.0	17.6	10.0	14.5	7.9	16.5	3.0	14.8	7.7	18.0	9.5	14.2	7.6	16.9	7.8
14/04	1400	15.5	8.0	17.6	10.0	14.2	7.9	16.5	3.0	15.6	7.5	17.2	9.6	13.7	8.1	16.3	7.5
14/04	1500	15.5	7.8	17.8	10.4	13.0	7.5	16.5	3.0	15.1	8.5	17.8	9.8	13.1	7.3	16.2	7.7
14/04	1600	15.7	8.3	17.9	10.8	13.0	7.5	16.6	3.5	15.4	8.0	17.5	10.2	12.8	7.2	17.2	8.1
14/04	1700	15.8	8.6	17.9	11.0	13.8	7.5	16.6	3.8	15.5	8.2	18.8	11.3	13.4	7.6	16.1	8.3
14/04	1800	15.4	8.4	17.6	10.0	13.7	7.8	16.5	2.1	15.7	8.1	18.0	9.7	14.4	7.2	16.0	7.2
14/04	1900	15.4	8.5	17.7	10.3	14.0	7.8	16.5	2.4	15.0	9.1	17.2	9.9	15.4	7.6	17.7	7.5
14/04	2000	15.5	9.0	17.8	10.1	14.2	7.9	16.5	2.4	15.2	8.7	18.5	10.2	14.6	7.7	16.9	7.6
14/04	2100	15.4	9.0	17.4	8.6	13.7	8.0	16.2	2.8	14.9	9.1	17.7	8.2	13.5	8.3	16.1	7.7
14/04	2200	15.3	8.9	17.3	8.5	13.8	8.2	16.2	2.4	14.7	8.6	17.0	9.1	13.6	8.0	15.8	7.3
14/04	2300	15.5	9.8	17.7	8.9	13.8	8.2	16.5	2.0	14.8	9.2	18.2	8.4	13.5	7.9	16.2	7.2
15/04	0000	15.2	8.9	17.5	8.0	13.9	8.4	16.1	2.0	15.9	9.2	18.4	8.5	14.1	8.8	15.7	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
15/04	0100	15.3	7.7	17.2	7.6	12.5	8.1	16.2	1.7	14.8	7.2	16.4	7.6	12.7	7.9	16.0	6.9
15/04	0200	15.3	7.8	17.3	7.6	15.0	7.6	16.2	2.3	14.9	7.9	16.5	7.7	15.1	7.5	16.2	7.2
15/04	0300	15.3	7.7	17.3	7.6	15.0	7.6	16.3	2.4	15.0	7.6	16.7	7.6	15.3	7.5	16.4	7.2
15/04	0400	15.3	7.6	17.3	7.5	14.9	7.6	16.4	2.5	15.1	7.9	16.7	7.6	15.2	7.7	16.3	7.2
15/04	0500	15.3	7.6	17.3	7.5	17.3	7.6	16.4	2.5	14.9	7.7	16.6	7.5	15.1	7.5	16.2	7.2
15/04	0600	15.3	9.3	17.3	7.4	17.5	7.8	16.4	2.3	15.1	10.1	16.7	7.5	17.3	7.8	16.5	7.1
15/04	0700	15.4	9.4	17.3	7.4	17.5	7.8	16.5	2.4	15.0	10.1	16.7	7.5	17.3	7.8	16.6	7.1
15/04	0800	15.4	9.3	17.4	7.4	17.5	7.8	16.5	2.4	14.3	8.3	15.0	4.9	15.7	6.5	15.6	7.9
15/04	0900	15.4	9.3	17.5	7.4	17.5	7.8	16.5	2.4	14.8	10.4	15.7	5.3	16.3	6.5	16.2	8.0
15/04	1000	15.4	9.5	17.5	7.4	17.5	7.8	16.5	2.4	14.9	10.7	15.9	5.5	16.5	7.0	16.4	8.4
15/04	1100	15.4	9.5	17.5	7.4	17.5	7.8	16.5	2.4	14.9	13.2	16.0	6.4	16.6	7.7	16.3	7.1
15/04	1200	15.5	9.0	17.5	7.4	17.5	7.8	16.5	2.5	14.9	9.3	15.8	6.7	16.4	8.6	16.3	6.9
15/04	1300	15.5	9.0	17.0	7.2	17.5	7.8	16.5	2.5	14.9	9.0	15.8	6.6	16.4	7.8	16.3	6.7
15/04	1400	15.5	9.0	17.0	7.2	17.5	7.8	16.5	2.5	14.8	8.7	15.8	6.9	16.4	8.1	16.2	6.8
15/04	1500	15.5	8.0	16.8	7.0	17.5	7.8	16.5	2.8	14.8	10.1	15.8	7.4	16.4	7.8	16.3	6.8
15/04	1600	15.6	10.8	16.8	7.6	17.1	8.0	16.8	1.8	14.8	10.4	15.8	7.7	16.4	8.1	16.3	6.9
15/04	1700	15.5	10.8	16.8	7.6	17.0	7.8	16.6	1.7	14.9	10.4	16.0	7.8	16.6	8.0	16.4	6.7
15/04	1800	15.4	10.8	16.8	7.6	17.0	7.8	16.5	1.6	15.1	10.8	16.0	7.7	16.6	8.0	16.5	6.9
15/04	1900	15.2	10.8	16.6	7.6	16.8	8.6	16.5	2.3	15.0	11.1	15.9	7.6	16.6	8.3	16.5	7.0
15/04	2000	15.2	10.8	16.6	7.6	16.8	8.6	16.5	2.3	15.0	10.9	15.9	7.7	16.6	8.4	16.5	7.1
15/04	2100	15.1	11.0	16.4	7.8	16.6	8.5	16.2	2.1	14.7	10.7	15.7	7.7	16.3	8.2	16.2	7.1
15/04	2200	15.2	9.4	16.4	7.8	16.6	8.6	16.3	2.0	14.7	9.5	15.7	7.8	16.3	8.5	16.3	7.3
15/04	2300	15.1	8.9	16.4	8.0	16.4	8.6	16.4	2.4	14.7	8.6	15.6	7.6	16.3	8.6	16.2	7.2
16/04	0000	15.1	8.9	16.4	8.0	16.4	8.6	16.4	2.4	14.5	8.6	15.4	7.5	15.9	8.0	15.9	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
16/04	0100	15.0	9.0	16.2	7.6	16.4	8.4	16.3	2.0	14.6	8.7	15.5	7.6	16.1	8.2	16.2	7.0
16/04	0200	15.0	9.0	16.2	7.6	16.4	8.4	16.3	2.0	14.7	8.7	15.6	7.6	16.2	7.7	16.2	6.9
16/04	0300	15.0	9.0	16.4	7.6	16.6	8.4	16.3	2.0	14.8	8.1	16.6	7.6	16.3	8.3	16.3	6.9
16/04	0400	15.2	9.0	16.4	7.8	16.6	8.2	16.5	2.0	14.8	8.9	15.6	7.5	16.5	8.1	16.3	7.0
16/04	0500	15.2	9.0	16.4	7.8	16.6	8.2	16.5	2.0	14.7	9.0	15.6	7.7	16.2	7.4	16.4	7.0
16/04	0600	20.0	9.0	22.6	7.8	21.4	8.2	21.0	2.0	14.8	8.7	15.7	7.7	16.1	8.2	16.3	7.0
16/04	0700	15.2	9.0	16.3	7.8	16.2	8.6	16.3	2.0	14.7	8.9	15.5	7.7	15.7	8.1	16.2	7.1
16/04	0800	15.2	9.0	16.3	7.8	16.2	8.6	16.3	2.0	14.9	9.0	15.6	7.7	15.9	8.7	16.2	7.0
16/04	0900	15.2	8.8	16.6	7.8	16.4	8.6	16.3	2.0	15.2	8.4	16.2	7.7	16.6	8.8	16.7	7.1
16/04	1000	16.2	8.4	18.2	7.6	16.9	8.6	15.8	1.9	15.5	8.8	16.4	7.6	16.7	8.6	16.8	7.2
16/04	1100	16.2	8.4	18.0	7.6	16.6	8.6	15.8	1.9	15.6	8.3	17.0	7.9	16.1	8.1	16.3	7.2
16/04	1200	15.8	7.5	17.8	7.8	16.3	8.6	16.5	2.5	15.7	7.6	17.2	7.8	16.3	8.5	16.5	7.2
16/04	1300	15.8	7.8	17.8	7.9	16.4	9.0	16.4	1.8	15.6	7.9	17.1	7.7	16.2	8.5	16.4	7.2
16/04	1400	15.9	8.5	17.8	8.0	16.4	9.0	16.3	1.8	15.5	8.9	17.0	8.0	16.1	8.9	16.2	6.9
16/04	1500	15.9	8.8	17.9	8.0	16.3	8.5	16.3	1.9	15.5	8.7	16.9	8.0	16.1	8.4	16.3	7.0
16/04	1600	16.0	8.6	17.9	8.2	16.5	8.5	16.5	1.9	15.6	8.4	17.1	8.0	16.3	8.5	16.5	6.9
16/04	1700	16.0	9.1	18.0	8.1	16.5	9.0	16.5	1.9	15.6	9.0	17.1	8.1	16.3	8.7	16.3	6.9
16/04	1800	15.8	9.2	17.8	8.1	16.3	8.8	16.4	1.9	15.6	9.4	17.0	8.1	16.2	8.5	16.4	6.9
16/04	1900	15.6	9.0	17.6	8.1	16.0	8.8	16.4	2.0	15.5	9.5	16.9	8.1	16.1	8.8	16.2	6.9
16/04	2000	15.4	8.4	17.2	7.9	15.9	8.8	16.0	2.1	15.0	8.6	16.4	7.9	15.5	7.9	15.9	7.2
16/04	2100	15.4	9.0	17.2	8.0	15.7	8.7	15.9	2.5	14.9	8.8	16.3	7.8	15.3	8.2	15.7	7.2
16/04	2200	15.2	9.2	17.0	8.0	15.4	8.6	15.9	2.5	14.9	9.3	16.2	8.0	15.2	8.5	15.7	7.2
16/04	2300	15.3	10.0	16.9	8.0	15.2	8.9	15.8	2.3	14.9	9.8	16.2	7.9	15.2	8.6	15.6	7.1
17/04	0000	15.3	10.0	16.9	8.0	15.2	8.9	15.8	2.3	14.7	8.8	16.0	7.6	15.1	7.9	15.5	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
17/04	0100	15.0	9.2	16.7	7.8	15.2	8.2	15.6	2.0	14.8	9.0	16.1	7.7	15.2	8.5	15.5	7.0
17/04	0200	15.0	9.0	16.8	7.6	15.2	8.3	15.6	1.8	14.7	8.9	16.0	7.7	15.0	8.3	15.4	6.9
17/04	0300	15.0	8.8	16.2	7.8	15.2	8.3	15.5	2.0	14.7	9.0	16.0	7.6	15.1	8.2	15.5	6.9
17/04	0400	15.5	8.8	16.2	7.8	15.2	8.3	15.5	2.0	14.6	8.8	15.9	7.3	14.9	8.2	15.3	7.0
17/04	0500	15.5	8.8	16.2	7.8	15.2	8.3	15.5	2.0	14.5	8.6	16.0	7.5	14.9	7.9	15.3	6.9
17/04	0600	20.0	9.0	22.7	8.0	21.5	8.2	21.0	2.0	14.8	9.0	16.2	7.7	15.2	8.5	20.7	6.9
17/04	0700	15.0	8.0	16.2	7.8	15.2	8.2	15.5	2.0	15.1	8.8	15.7	7.7	15.5	8.4	15.5	7.0
17/04	0800	16.0	8.4	17.0	7.6	16.0	7.6	16.0	2.0	15.3	8.6	15.9	7.4	15.8	7.8	15.5	6.9
17/04	0900	16.1	8.4	17.1	7.7	16.4	7.7	16.0	2.0	15.5	8.2	16.2	7.5	16.0	7.4	15.8	7.0
17/04	1000	16.2	8.4	17.3	7.8	16.6	7.8	16.0	2.0	15.7	8.4	16.4	7.8	16.4	7.8	16.0	7.0
17/04	1100	16.2	8.8	17.2	8.2	16.8	8.6	16.1	2.0	15.8	8.9	16.5	8.1	16.4	8.5	16.2	6.9
17/04	1200	16.2	8.8	17.3	8.2	16.7	8.8	16.2	2.0	15.9	8.9	16.8	8.3	16.7	8.5	16.3	6.9
17/04	1300	16.1	8.4	17.3	8.2	16.8	8.8	16.2	1.6	15.8	8.4	16.5	8.1	16.4	8.4	16.1	6.9
17/04	1400	16.1	8.5	17.3	8.2	16.8	9.0	16.0	1.8	15.8	8.5	16.5	8.3	16.3	8.7	16.0	7.0
17/04	1500	16.2	8.5	17.3	8.2	16.8	9.0	16.0	2.0	15.8	8.7	16.5	8.1	16.3	9.5	16.0	7.0
17/04	1600	16.2	8.4	17.2	8.2	16.0	9.0	16.0	2.0	15.9	8.4	16.4	8.1	16.3	8.2	16.0	6.9
17/04	1700	16.4	8.4	17.2	8.0	16.4	9.0	16.0	1.8	16.1	8.4	16.3	8.0	16.1	8.9	15.9	7.0
17/04	1800	16.4	8.8	16.8	8.0	16.0	8.8	16.0	2.0	16.0	8.9	16.0	8.0	15.8	8.8	15.6	7.0
17/04	1900	16.2	9.0	16.6	7.8	15.8	9.0	15.5	2.0	16.1	9.3	16.1	7.8	15.9	9.2	15.8	7.0
17/04	2000	16.2	9.2	16.5	7.6	15.8	9.2	15.5	1.8	16.2	9.2	16.1	7.8	16.0	9.2	15.8	6.9
17/04	2100	16.2	9.0	16.6	7.6	15.8	8.2	15.6	1.5	16.1	8.9	16.0	7.7	15.8	8.8	15.7	6.8
17/04	2200	16.2	9.0	16.6	7.6	15.8	8.2	15.7	1.5	16.0	8.9	15.9	7.6	15.8	9.0	15.6	7.1
17/04	2300	16.4	8.6	16.8	7.6	16.1	8.6	15.8	1.8	16.0	8.6	16.0	7.8	15.8	8.0	15.9	7.0
18/04	0000	16.4	8.5	16.8	7.8	16.2	8.7	15.8	1.8	16.1	8.1	16.0	7.6	16.0	8.3	15.7	6.9

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
18/04	0100	16.2	8.0	16.5	7.8	16.3	8.2	15.8	2.0	15.8	8.1	16.0	7.7	15.8	8.2	16.0	7.0
18/04	0200	16.2	8.0	16.6	7.8	16.0	8.3	15.7	2.0	15.9	8.1	16.0	7.8	15.8	8.3	15.6	7.0
18/04	0300	16.2	8.0	16.6	7.8	16.0	8.3	15.7	2.0	15.8	8.2	15.9	7.5	15.7	8.3	15.6	7.0
18/04	0400	16.2	8.0	16.5	7.0	16.3	8.2	15.7	2.0	15.8	8.4	15.9	7.7	15.6	7.7	15.5	7.0
18/04	0500	16.2	8.0	16.5	7.0	16.3	8.0	15.7	2.0	15.8	8.4	15.9	7.6	15.9	8.3	15.6	7.1
18/04	0600	19.5	8.2	22.5	7.0	21.5	8.0	20.5	2.0	18.9	8.0	21.5	7.4	20.9	8.2	19.8	7.1
18/04	0700	16.0	7.9	16.1	6.9	16.2	7.8	15.3	2.3	15.6	8.1	15.7	7.2	15.9	7.9	15.1	7.5
18/04	0800	16.1	8.2	16.4	6.8	16.3	7.4	15.3	2.2	15.7	8.1	15.9	7.0	15.8	7.3	15.2	7.4
18/04	0900	16.0	7.2	16.2	6.8	16.0	6.8	15.0	2.2	15.5	6.9	15.8	7.8	15.7	6.5	15.1	7.4
18/04	1000	16.3	6.8	16.6	6.8	16.5	7.9	15.4	2.5	15.9	6.8	16.0	6.8	15.9	7.5	15.0	7.6
18/04	1100	16.4	7.6	16.8	7.0	16.5	7.8	15.5	2.7	16.0	7.5	16.1	6.9	16.0	7.4	15.0	7.7
18/04	1200	16.4	6.8	17.0	7.1	16.6	7.9	15.5	2.5	16.0	6.9	16.5	7.0	16.0	7.6	15.2	7.5
18/04	1300	16.4	7.5	17.0	7.0	16.4	7.9	15.5	2.5	16.1	7.1	16.4	6.5	15.9	7.7	15.3	7.5
18/04	1400	16.4	7.6	17.0	7.0	16.6	7.8	15.5	2.5	16.0	7.3	16.6	6.6	16.1	7.8	15.2	7.4
18/04	1500	16.0	7.4	16.6	7.6	16.4	8.0	15.2	2.5	15.7	7.2	16.7	6.9	16.0	7.8	15.4	7.5
18/04	1600	16.0	7.4	16.2	7.5	16.0	8.2	15.0	2.5	15.8	7.2	16.5	7.6	16.1	7.9	15.1	7.6
18/04	1700	16.0	7.4	16.4	7.6	16.4	8.0	15.2	2.5	15.7	7.1	16.3	7.1	16.2	7.7	15.4	7.0
18/04	1800	16.0	7.6	16.4	7.6	16.0	8.0	15.5	2.0	15.7	7.2	16.4	7.2	16.2	7.8	15.5	7.2
18/04	1900	16.2	9.2	16.4	8.5	16.4	9.0	15.3	2.4	15.8	8.9	16.3	7.9	16.2	8.5	15.0	7.3
18/04	2000	16.2	9.2	16.4	8.6	16.4	9.0	15.2	2.2	15.8	8.9	16.1	8.2	15.9	8.6	14.8	7.4
18/04	2100	16.0	9.2	16.2	8.8	16.0	9.2	15.0	1.8	15.5	9.0	16.0	8.4	15.8	8.7	14.7	7.0
18/04	2200	15.8	9.2	16.0	8.9	15.9	9.2	15.0	1.8	15.4	9.0	16.0	8.5	15.5	8.9	14.5	6.8
18/04	2300	15.6	8.0	16.0	8.7	15.7	8.2	14.8	2.0	15.3	7.6	15.8	8.5	15.6	8.4	14.2	6.9
19/04	0000	15.6	7.8	15.8	8.6	15.6	8.0	14.8	2.0	15.4	7.7	15.5	8.2	15.3	8.3	14.5	6.7

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
19/04	0100	15.6	7.2	15.7	8.2	15.6	8.3	14.7	2.0	15.5	7.2	15.6	8.4	15.4	8.4	14.9	7.0
19/04	0200	15.5	7.2	15.6	8.0	15.5	8.2	14.7	1.8	15.7	6.7	15.6	8.2	15.3	8.1	14.8	6.8
19/04	0300	15.6	7.0	15.6	8.0	15.5	8.2	14.8	1.8	15.8	7.2	15.4	8.2	15.3	8.1	14.8	6.7
19/04	0400	15.6	7.0	15.6	8.0	15.5	8.2	14.8	1.8	15.7	7.4	15.5	8.1	15.4	8.0	14.5	6.8
19/04	0500	15.6	7.0	15.6	8.0	15.5	8.2	14.8	1.8	15.9	6.9	15.3	8.2	15.5	8.2	14.6	6.9
19/04	0600	15.7	7.0	15.8	8.0	15.5	8.2	14.8	1.8	15.9	6.7	15.4	7.8	15.6	8.0	14.6	6.7
19/04	0700	15.5	7.6	15.8	8.2	15.5	8.2	14.8	2.0	15.7	7.1	15.6	8.0	15.4	7.9	14.5	7.0
19/04	0800	16.1	7.5	15.7	8.2	15.5	8.0	15.0	2.2	15.6	7.0	15.5	8.0	15.2	7.8	14.8	7.0
19/04	0900	16.3	7.4	16.5	7.6	16.3	7.5	15.0	2.1	15.6	6.5	16.1	7.5	15.7	7.4	14.6	7.1
19/04	1000	18.0	8.2	16.4	8.3	16.6	8.5	15.0	2.3	17.6	6.9	15.8	7.8	15.9	8.1	14.7	7.2
19/04	1100	16.0	8.2	16.4	8.2	16.7	7.8	15.0	2.3	15.8	7.9	15.9	7.9	16.0	7.2	14.7	7.4
19/04	1200	16.0	7.7	16.1	8.1	16.5	8.8	14.9	2.3	16.1	7.7	15.8	8.0	16.0	8.3	14.9	7.3
19/04	1300	16.0	7.3	16.2	8.1	16.5	7.8	15.0	2.3	15.8	8.2	16.0	7.8	16.1	7.4	14.8	7.3
19/04	1400	16.4	7.8	16.6	8.0	17.0	8.4	15.3	2.2	15.6	8.4	16.1	7.7	16.6	8.1	15.0	7.1
19/04	1500	16.2	8.0	16.5	7.9	16.8	7.7	15.2	2.4	16.2	8.5	16.2	7.8	16.6	7.5	15.1	7.5
19/04	1600	16.4	9.2	16.5	8.2	17.0	8.2	15.2	2.6	16.3	8.5	16.3	8.0	16.5	7.9	15.1	7.6
19/04	1700	16.2	9.0	16.2	8.2	16.6	8.4	15.0	2.5	16.1	8.1	16.5	8.1	16.4	8.0	14.5	7.5
19/04	1800	16.2	9.0	16.2	8.2	16.4	8.4	15.0	2.5	16.2	8.4	16.3	7.5	16.5	8.0	14.7	7.4
19/04	1900	16.2	9.0	16.4	8.2	16.8	8.5	15.0	2.5	16.3	8.1	15.9	7.6	16.7	8.3	14.6	7.5
19/04	2000	16.2	9.8	16.4	8.4	16.8	8.6	15.0	1.5	16.2	7.9	15.8	7.3	16.4	8.4	14.8	6.5
19/04	2100	15.8	8.1	16.0	8.0	16.4	8.4	14.8	2.0	15.6	8.7	15.8	7.9	16.7	8.2	14.9	7.0
19/04	2200	15.8	9.0	16.0	7.8	16.2	8.0	14.8	2.5	15.5	8.7	15.7	7.9	16.0	7.8	14.7	7.4
19/04	2300	15.6	9.2	15.8	7.8	16.0	8.0	14.5	2.0	15.4	8.7	15.8	7.6	16.0	7.7	14.2	6.9
20/04	0000	15.6	8.0	15.6	7.6	15.8	7.8	14.5	2.0	15.3	7.8	15.8	7.6	15.7	7.5	14.3	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
20/04	0100	15.8	8.4	16.0	7.8	16.0	8.4	15.0	2.0	15.5	8.7	15.8	7.5	16.2	8.2	14.8	7.0
20/04	0200	15.6	9.0	16.0	7.8	16.0	7.6	14.5	2.0	15.4	8.7	15.9	7.6	16.0	7.8	14.5	7.1
20/04	0300	15.6	8.5	16.0	7.8	15.5	7.6	14.5	2.0	15.4	8.4	15.8	7.5	15.3	7.7	14.4	7.0
20/04	0400	15.0	8.5	15.6	7.8	15.5	7.6	14.5	1.8	14.9	8.4	15.7	7.7	15.2	7.5	14.2	6.8
20/04	0500	15.0	8.5	15.6	7.8	15.5	7.6	14.5	1.8	14.8	8.3	15.5	7.6	15.2	7.5	14.2	6.9
20/04	0600	15.0	8.8	16.2	7.6	16.0	7.8	15.0	2.0	14.9	8.7	15.8	7.4	15.7	7.4	14.7	7.0
20/04	0700	15.6	7.0	16.4	7.8	16.4	7.8	15.0	2.0	15.1	7.2	16.0	7.5	16.0	7.5	14.6	7.0
20/04	0800	15.5	8.4	16.5	7.6	16.4	7.8	15.1	1.8	15.3	8.0	16.0	7.2	16.3	7.3	14.8	6.7
20/04	0900	16.0	7.6	17.0	7.6	16.8	7.6	15.4	2.2	15.7	7.7	16.6	7.1	16.3	7.2	14.9	7.2
20/04	1000	15.2	8.0	16.2	8.4	16.8	8.4	14.7	2.9	15.9	7.8	15.9	8.0	16.5	7.9	14.5	7.8
20/04	1100	16.0	9.1	16.9	8.2	16.9	8.9	15.5	2.9	16.0	8.6	16.7	7.8	16.7	8.2	15.2	7.7
20/04	1200	15.8	4.6	20.6	6.6	19.4	6.4	16.5	3.1	15.9	5.0	19.9	6.2	19.2	6.0	15.9	7.9
20/04	1300	20.0	3.8	21.2	5.4	20.2	4.6	20.2	1.4	19.6	4.0	20.8	5.3	19.7	5.1	20.0	6.6
20/04	1400	14.3	5.0	16.5	5.6	16.2	5.4	16.1	1.9	14.0	4.8	16.3	5.4	15.9	5.2	15.7	6.8
20/04	1500	16.5	4.8	16.8	5.4	16.7	4.8	16.2	2.8	15.9	4.6	16.5	5.5	16.2	4.9	15.8	7.5
20/04	1600	16.3	5.2	16.6	5.6	16.5	4.9	15.8	2.5	16.0	4.9	16.2	5.6	16.1	5.2	15.7	7.3
20/04	1700	15.6	8.0	15.7	8.5	15.8	6.5	15.2	2.8	15.1	7.5	15.1	8.2	15.2	6.3	15.0	7.3
20/04	1800	15.7	7.4	16.0	6.0	16.1	5.4	15.0	2.0	15.3	7.0	15.7	5.8	16.0	5.1	15.1	7.0
20/04	1900	16.8	8.2	16.2	6.0	16.4	6.2	15.2	2.8	16.7	7.7	15.9	5.9	16.1	5.9	15.1	7.4
20/04	2000	16.1	7.4	15.4	6.0	15.7	6.4	14.7	2.8	16.0	7.1	15.0	5.6	15.3	6.1	14.6	7.6
20/04	2100	16.8	8.4	16.0	6.0	16.2	6.6	15.0	2.0	16.5	8.2	15.8	5.7	15.9	6.2	14.7	7.0
20/04	2200	16.8	7.0	16.0	6.6	16.0	7.0	15.0	2.2	16.5	6.8	16.0	6.0	16.0	6.5	14.8	7.4
20/04	2300	16.0	7.2	15.6	6.6	15.8	7.0	15.0	2.5	16.2	6.8	15.3	6.3	15.2	6.7	14.8	7.6
21/04	0000	16.4	8.0	16.2	7.4	16.4	7.5	15.5	2.0	16.3	7.7	16.1	6.9	16.7	7.2	15.2	6.9

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
21/04	0100	15.6	7.4	15.5	7.2	15.2	7.2	15.2	2.0	15.1	7.4	14.7	7.2	14.9	7.2	15.3	6.9
21/04	0200	15.6	7.4	15.4	7.2	15.2	7.2	15.0	2.0	15.0	7.7	14.6	7.1	15.0	7.1	15.2	6.9
21/04	0300	15.3	7.6	15.2	7.5	15.0	7.0	15.2	2.0	14.9	7.7	14.6	7.0	14.9	7.1	15.1	6.9
21/04	0400	15.2	7.6	15.2	7.4	15.0	7.0	15.2	2.0	14.9	7.8	14.5	7.3	14.9	7.0	15.1	7.0
21/04	0500	15.0	7.6	15.2	7.0	15.0	7.0	15.0	2.0	14.8	7.2	14.5	6.9	14.6	7.0	15.0	7.0
21/04	0600	15.0	7.6	15.2	7.0	15.0	7.0	15.0	2.0	15.0	7.9	14.5	7.1	14.9	7.1	15.2	7.1
21/04	0700	15.7	7.1	15.4	7.2	15.0	7.3	15.3	2.3	15.0	6.9	14.7	7.3	15.1	7.2	15.2	7.2
21/04	0800	16.9	6.9	16.2	7.0	16.4	6.8	15.5	2.3	15.7	6.9	15.1	7.2	15.4	6.8	15.5	7.1
21/04	0900	16.6	6.8	16.6	7.4	16.6	7.0	15.2	2.5	16.3	6.7	15.9	7.3	16.3	6.9	15.1	7.2
21/04	1000	16.8	6.6	16.6	7.0	16.8	6.8	15.3	2.2	16.5	6.7	15.9	6.9	16.5	6.8	15.4	7.2
21/04	1100	17.0	7.4	16.6	7.0	17.0	7.4	15.3	2.8	16.7	7.5	15.9	6.9	16.7	7.1	15.1	7.4
21/04	1200	17.0	7.4	16.6	7.0	17.0	7.4	15.3	2.8	16.6	7.6	15.9	6.8	16.8	7.2	15.2	7.5
21/04	1300	16.6	7.6	16.5	7.4	16.9	7.6	15.0	2.4	16.3	7.5	15.8	7.0	16.7	7.3	14.8	7.2
21/04	1400	16.4	8.6	16.2	7.4	16.4	8.0	15.0	2.7	16.2	8.2	15.7	7.1	16.9	7.7	14.9	7.3
21/04	1500	16.3	9	16.0	7.8	16.2	8.4	14.8	2.4	16.0	8.6	15.7	7.3	16.0	7.9	14.9	7.0
21/04	1600	16.2	9.2	16.0	8.0	16.2	8.6	14.8	2.4	15.7	8.8	15.5	7.8	15.8	8.3	14.5	7.2
21/04	1700	16.4	9.2	20.2	8.2	16.5	9.0	15.2	2.4	16.2	8.9	19.6	7.9	15.9	8.5	15.0	7.1
21/04	1800	15.8	9.6	17.6	8.0	16.0	8.6	14.7	2.4	15.2	9.1	17.1	7.7	15.7	8.4	14.8	7.2
21/04	1900	15.6	9.6	15.5	8.0	15.6	8.4	14.5	2.5	14.9	9.3	14.9	7.6	15.2	8.2	14.1	7.4
21/04	2000	15.6	9.6	15.5	8.0	15.6	8.8	14.5	2.5	15.0	9.4	15.0	7.7	15.3	8.6	14.2	7.1
21/04	2100	15.8	9.4	15.5	8.0	15.6	8.8	14.5	2.2	15.1	9.0	15.1	7.5	15.4	8.7	14.4	7.0
21/04	2200	15.6	10.0	15.6	8.0	16.0	6.4	15.0	2.0	15.0	9.7	15.3	7.8	15.6	6.3	14.8	6.8
21/04	2300	15.8	9.3	16.0	8.0	16.4	8.8	15.0	3.0	15.3	9.1	15.4	7.6	15.9	8.7	14.9	7.9
22/04	0000	15.5	8.6	15.8	7.8	16.0	8.0	15.0	2.8	15.2	8.3	15.6	7.4	15.8	7.8	15.0	7.5

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
22/04	0100	15.6	7.0	15.8	8.0	16.0	8.5	15.0	3.0	15.2	6.8	15.1	7.7	15.7	8.3	14.9	7.8
22/04	0200	15.7	7.0	15.8	8.1	16.0	8.4	15.0	2.5	14.3	6.9	15.2	7.8	15.6	8.2	15.0	7.6
22/04	0300	14.6	8.4	15.0	8.1	15.0	8.3	14.0	2.5	15.0	8.2	14.8	7.7	14.7	8.2	14.2	7.6
22/04	0400	15.4	9.2	15.5	8.1	15.6	8.4	14.5	2.8	15.0	8.7	15.0	7.9	15.3	8.0	14.3	7.7
22/04	0500	15.6	9.5	15.8	8.0	16.0	8.6	15.0	2.0	15.1	9.0	15.2	7.6	15.7	8.1	14.8	6.9
22/04	0600	15.6	9.0	15.8	8.0	16.0	8.0	15.0	2.0	15.2	8.8	15.1	7.8	15.6	7.8	14.9	7.0
22/04	0700	15.8	9.5	16.2	8.0	16.4	8.2	15.0	2.0	15.4	9.2	15.7	7.9	16.1	7.9	15.0	7.2
22/04	0800	16.0	9.4	16.4	8.0	16.6	8.2	15.0	2.3	15.7	9.1	15.1	7.8	16.4	8.0	14.7	7.3
22/04	0900	16.0	8.4	16.4	9.2	16.6	8.6	15.0	2.6	15.6	7.9	16.1	9.0	16.5	8.4	14.8	7.4
22/04	1000	16.0	8.0	17.0	9.4	17.2	9.4	15.6	2.3	15.8	8.7	15.7	8.8	16.5	8.6	15.2	7.3
22/04	1100	16.0	8.0	16.4	9.4	16.6	9.5	15.2	2.5	15.7	8.6	15.7	9.4	16.5	9.2	15.3	7.3
22/04	1200	16.0	8.0	16.4	9.4	16.2	9.5	15.2	2.5	15.6	8.4	15.5	9.5	16.2	9.3	15.1	7.3
22/04	1300	15.8	8.2	16.0	9.6	16.2	9.5	15.0	2.7	15.4	8.1	15.5	9.4	16.2	9.2	15.0	7.3
22/04	1400	15.8	8.2	16.0	9.6	16.2	9.2	15.0	2.7	15.5	8.3	15.5	9.7	16.3	9.4	15.2	7.3
22/04	1500	15.4	8.0	16.0	9.8	16.2	9.2	15.0	2.7	15.5	8.2	15.5	9.9	16.2	9.7	15.1	7.5
22/04	1600	15.4	8.0	16.0	9.8	16.2	9.4	14.8	2.8	15.4	8.4	15.3	9.7	16.1	9.4	14.9	7.4
22/04	1700	15.8	8.4	16.0	9.8	16.4	9.4	15.0	2.5	15.1	8.1	15.1	9.3	15.8	9.4	14.8	7.2
22/04	1800	15.8	8.4	16.0	9.8	16.4	9.4	15.0	2.5	15.2	8.6	15.2	9.6	15.9	9.5	14.8	7.2
22/04	1900	16.2	9.6	16.8	10.0	17.0	9.8	15.5	2.3	16.0	8.1	16.0	9.3	16.8	9.3	15.4	7.2
22/04	2000	16.2	9.6	16.4	10.0	16.5	9.8	15.5	2.0	15.6	9.5	15.9	10.0	16.5	9.7	15.3	7.0
22/04	2100	15.6	9.0	15.8	9.6	16.0	9.8	15.0	2.0	15.2	9.1	15.0	9.5	15.7	9.6	14.8	7.0
22/04	2200	15.5	8.8	15.6	9.6	15.8	9.6	15.0	2.0	14.7	8.8	14.7	9.6	15.3	9.6	14.4	6.8
22/04	2300	15.5	8.8	15.6	9.6	15.8	9.6	15.0	2.5	15.2	9.0	15.3	9.6	15.9	9.5	14.9	7.3
23/04	0000	15.8	9.5	16.0	10.0	16.4	9.8	15.0	3.0	15.2	8.8	15.2	9.4	16.0	8.6	14.9	7.3

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
23/04	0100	16.0	8.8	16.0	9.6	16.4	9.5	15.0	3.0	15.7	8.7	15.6	9.5	16.3	9.3	15.2	7.4
23/04	0200	16.0	8.8	16.0	9.8	16.4	9.5	15.0	3.0	15.5	9.0	15.5	9.6	16.0	9.2	15.0	7.4
23/04	0300	16.0	9.2	16.2	9.6	16.6	9.1	15.2	3.0	15.5	9.1	15.5	9.5	16.3	9.1	15.4	7.4
23/04	0400	16.0	9.0	16.2	9.6	16.6	9.6	15.0	3.0	15.5	8.0	15.4	9.3	16.2	9.4	15.1	7.3
23/04	0500	16.0	9.0	16.2	9.6	16.6	9.6	15.0	3.0	15.7	8.8	15.5	9.6	16.3	9.4	15.1	7.4
23/04	0600	16.0	9.0	16.2	9.6	16.6	9.6	15.0	3.0	15.7	8.7	15.7	9.6	16.4	9.2	15.2	7.4
23/04	0700	16.0	8.6	16.4	9.8	16.8	9.8	15.2	3.5	15.5	8.6	15.5	9.4	16.2	8.9	15.2	7.4
23/04	0800	16.2	8.4	16.4	9.9	16.8	9.8	15.2	3.8	15.8	8.4	15.6	9.6	16.4	9.3	15.2	7.6
23/04	0900	15.8	7.4	15.8	9.8	16.0	9.8	14.8	2.5	15.8	7.3	15.6	9.6	16.3	9.4	15.3	7.5
23/04	1000	15.8	7.4	15.8	9.8	16.0	9.8	14.8	2.5	15.3	7.4	15.0	9.5	15.7	9.7	14.6	7.5
23/04	1100	15.6	8.4	15.2	9.8	15.5	9.8	15.2	2.5	15.1	8.5	14.4	9.8	15.4	9.5	15.2	7.2
23/04	1200	15.2	8.0	14.6	10.2	15.0	10.0	14.8	2.3	14.9	8.7	14.1	9.9	14.9	10.1	14.9	7.2
23/04	1300	15.0	8.0	14.6	10.2	15.0	10.0	14.8	2.3	14.8	7.9	14.0	9.9	14.9	9.8	14.8	7.3
23/04	1400	15.0	7.6	14.6	10.2	15.0	10.0	15.0	2.6	14.8	8.3	14.0	10.0	14.9	10.1	14.9	7.4
23/04	1500	15.0	7.6	14.6	10.2	15.0	10.0	15.0	2.6	14.5	8.3	13.9	10.1	14.8	9.6	14.7	7.4
23/04	1600	15.0	7.6	14.8	10.0	15.2	10.0	15.0	2.4	14.6	7.9	13.8	9.8	14.9	10.0	14.7	7.0
23/04	1700	15.0	7.6	14.8	10.0	15.2	10.0	15.0	2.4	14.8	7.9	14.2	9.9	15.9	10.1	14.9	7.1
23/04	1800	15.0	7.6	14.8	10.0	15.2	10.0	15.0	2.4	14.7	7.5	14.1	9.8	14.9	9.9	15.1	7.1
23/04	1900	15.0	8.0	14.8	10.0	15.0	10.0	15.0	2.8	14.7	7.9	14.1	9.7	14.9	10.0	15.0	7.2
23/04	2000	15.2	8.0	14.8	10.2	15.0	10.0	15.2	2.5	14.6	8.0	14.1	10.1	14.9	9.9	15.1	7.2
23/04	2100	15.0	6.8	14.6	10.4	15.0	9.6	15.0	2.3	14.6	6.9	14.0	10.1	14.8	9.5	14.9	7.2
23/04	2200	15.0	6.5	14.6	10.4	15.0	10.2	15.0	2.5	14.5	6.7	13.9	10.2	14.7	10.1	14.7	7.2
23/04	2300	15.0	6.0	14.5	10.2	14.8	9.6	15.0	2.0	14.4	6.3	13.8	10.0	14.6	9.5	14.6	7.1
24/04	0000	15.0	6.0	14.5	10.2	14.8	9.6	15.0	2.5	14.5	6.2	13.8	10.0	14.6	9.1	14.8	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
24/04	0100	15.0	6.0	14.6	10.0	15.0	14.0	15.0	2.5	14.7	6.3	14.0	10.0	14.9	9.8	14.9	7.2
24/04	0200	15.0	6.0	14.4	10.0	15.0	14.0	15.0	2.5	14.5	6.2	13.9	10.1	14.8	9.9	15.0	7.2
24/04	0300	15.0	6.0	14.4	10.2	14.8	14.0	15.0	2.5	14.5	5.7	13.8	10.0	14.8	9.8	14.7	7.2
24/04	0400	15.0	5.6	14.4	10.0	14.8	14.0	15.0	2.0	14.6	5.6	13.8	9.9	14.6	9.7	14.7	7.1
24/04	0500	15.0	5.6	14.4	10.0	14.8	14.0	15.0	2.0	14.6	5.7	13.8	10.0	14.7	9.6	14.6	7.0
24/04	0600	15.0	6.0	14.4	10.0	14.8	14.0	15.0	2.0	14.6	6.2	13.8	10.0	14.7	9.5	14.7	7.1
24/04	0700	15.0	6.0	14.6	10.0	14.8	9.8	15.0	2.0	14.4	5.8	13.7	9.6	14.5	9.3	14.7	6.9
24/04	0800	15.2	6.0	14.7	10.0	15.0	9.6	15.0	2.0	14.7	6.0	14.0	9.9	14.9	9.5	14.9	7.1
24/04	0900	15.3	6.0	14.8	10.0	15.0	9.6	15.0	2.0	14.9	6.0	14.1	9.9	14.9	9.6	14.9	7.2
24/04	1000	15.3	6.0	15.0	10.0	15.0	9.6	15.0	2.0	14.8	5.9	14.2	10.4	15.1	9.5	15.0	7.3
24/04	1100	15.3	6.0	14.8	10.0	15.0	9.6	15.0	2.0	14.9	5.5	14.4	10.2	15.2	9.9	15.0	7.3
24/04	1200	15.5	6.0	14.8	10.0	15.0	9.6	15.0	2.0	14.9	5.8	14.5	10.1	15.3	10.0	15.2	7.4
24/04	1300	15.5	6.0	14.8	10.0	15.0	9.9	15.0	2.0	15.0	5.3	14.5	10.1	15.3	9.5	15.1	7.4
24/04	1400	15.5	6.0	14.8	10.0	15.2	9.6	15.0	2.0	14.2	5.1	13.6	10.2	14.4	10.0	14.4	7.5
24/04	1500	15.2	5.5	14.5	10.0	15.0	10.0	15.0	2.0	14.4	5.4	13.7	10.0	14.6	9.9	14.6	7.5
24/04	1600	15.2	5.0	14.5	10.0	15.0	10.0	15.0	2.5	14.5	5.4	14.0	10.3	14.9	10.0	14.8	7.4
24/04	1700	15.4	5.0	14.5	10.0	15.0	10.0	15.0	2.5	14.2	5.1	13.8	10.0	14.7	9.6	14.6	7.2
24/04	1800	15.5	5.2	14.5	10.0	15.0	10.0	15.0	2.8	14.1	4.8	13.6	9.8	14.6	10.0	14.5	7.3
24/04	1900	14.4	4.4	14.0	8.6	14.2	9.6	14.3	2.6	14.1	4.5	13.5	9.6	14.4	9.9	14.5	7.4
24/04	2000	14.4	4.0	14.0	8.6	14.2	9.6	14.3	2.6	13.9	4.6	13.3	9.5	14.1	9.5	14.2	7.2
24/04	2100	14.4	4.3	14.0	9.0	14.3	9.6	14.3	2.5	14.4	4.7	13.6	9.6	14.5	10.0	14.5	7.2
24/04	2200	14.4	4.3	14.0	9.3	14.4	9.7	14.3	2.5	14.4	4.7	13.8	9.8	14.6	9.4	14.6	7.1
24/04	2300	14.4	4.3	14.0	9.3	14.4	9.6	14.3	2.6	14.2	4.5	13.5	9.3	14.3	9.5	14.4	7.4
25/04	0000	14.4	4.3	14.0	9.3	14.4	9.6	14.3	2.6	14.1	4.1	13.4	9.3	14.2	9.0	14.3	7.4

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
25/04	0100	14.2	5.8	13.8	9.6	14.0	9.5	14.4	2.8	13.9	4.3	13.2	9.4	14.0	9.7	14.1	7.6
25/04	0200	14.2	5.8	13.8	9.6	14.0	9.5	14.4	2.8	13.9	6.0	13.2	9.6	14.1	9.5	14.3	7.2
25/04	0300	14.8	5.4	14.4	9.8	14.6	9.4	14.7	2.2	14.5	5.6	13.8	9.6	14.6	9.3	14.5	7.1
25/04	0400	14.8	5.4	14.4	9.8	14.6	9.4	14.7	2.2	14.4	5.4	13.8	9.3	14.7	9.5	14.5	7.0
25/04	0500	15.0	5.6	14.6	9.8	14.8	9.8	14.8	2.5	14.1	5.4	13.6	9.1	14.5	9.4	14.4	7.0
25/04	0600	15.0	5.6	14.6	9.8	14.8	9.8	14.8	2.5	14.4	5.8	14.0	9.6	14.7	9.6	14.7	7.2
25/04	0700	15.0	5.8	14.6	9.8	14.8	9.8	14.8	2.5	14.7	6.5	14.0	9.5	14.9	9.4	14.8	7.1
25/04	0800	15.6	7.5	15.2	9.6	15.6	9.6	15.2	2.1	14.9	7.5	14.5	9.6	15.2	9.3	15.1	7.0
25/04	0900	15.2	7.6	15.0	9.5	15.4	9.6	15.0	2.4	14.8	8.1	14.3	9.6	15.1	9.1	14.9	7.1
25/04	1000	15.4	7.8	15.0	9.5	15.4	9.6	15.0	2.6	14.8	7.6	14.2	9.9	15.0	9.8	15.0	7.2
25/04	1100	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.8	7.7	14.3	9.4	15.1	9.5	14.9	7.2
25/04	1200	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.7	8.3	14.3	9.2	15.0	9.5	14.9	7.2
25/04	1300	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.8	8.0	14.3	9.2	15.1	9.2	15.0	7.2
25/04	1400	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.6	7.9	14.1	9.2	15.0	9.4	14.8	7.3
25/04	1500	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.7	8.1	14.4	9.2	15.1	9.4	15.0	7.1
25/04	1600	15.2	7.8	15.0	9.5	15.2	9.6	15.0	2.8	14.3	8.4	14.0	9.1	14.7	9.3	14.7	7.3
25/04	1700	15.2	7.9	15.0	9.5	15.2	9.6	15.0	2.8	14.4	8.1	13.9	9.4	14.6	9.5	14.6	7.3
25/04	1800	15.3	7.9	15.0	9.5	15.2	9.6	15.0	2.8	14.3	8.7	13.9	9.5	14.7	9.4	14.7	7.3
25/04	1900	14.4	8.0	14.2	9.4	14.3	9.4	14.5	2.0	14.6	9.3	14.0	9.5	14.8	9.5	14.8	7.4
25/04	2000	14.4	8.0	14.2	9.4	14.3	9.4	14.5	2.0	14.0	8.3	13.4	9.3	14.1	9.2	14.2	7.0
25/04	2100	15.0	9.0	14.8	9.8	15.0	9.6	14.9	2.5	14.2	9.4	13.7	9.8	14.3	9.7	14.4	7.3
25/04	2200	15.4	8.0	15.2	9.8	15.2	10.0	15.0	2.5	15.0	7.8	14.5	9.7	15.1	9.9	15.0	7.2
25/04	2300	15.0	7.7	14.8	10.0	15.0	9.8	15.0	2.4	14.5	7.6	13.9	9.6	14.6	10.0	14.8	7.1
26/04	0000	14.7	7.2	14.4	9.4	14.5	9.2	14.5	2.0	14.2	7.2	13.6	9.2	14.4	9.0	14.5	7.0

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
26/06	0100	14.8	8.0	14.4	11.6	14.6	9.8	14.8	2.2	14.6	7.6	13.8	9.6	14.6	9.5	14.7	7.0
26/06	0200	14.8	8.0	14.4	11.6	14.6	9.8	14.8	2.2	14.6	8.0	13.9	9.5	14.7	9.5	14.7	7.1
26/06	0300	14.6	7.5	14.2	9.6	14.2	9.6	14.5	2.0	14.4	7.6	13.7	9.4	14.4	9.5	14.5	7.1
26/06	0400	14.6	7.5	14.2	9.6	14.2	9.6	14.6	2.0	14.2	7.6	13.6	9.3	14.3	9.9	14.3	7.0
26/06	0500	14.6	7.0	14.2	9.2	14.5	9.8	14.6	2.3	14.2	7.6	13.7	9.3	14.5	9.6	14.4	7.0
26/06	0600	14.6	7.0	14.4	9.2	14.5	9.8	14.6	2.3	14.2	7.0	13.8	9.0	14.3	9.6	14.4	6.9
26/06	0700	15.8	7.0	16.3	9.0	17.4	9.4	16.0	2.9	15.6	6.9	15.9	8.7	16.9	9.2	15.7	7.4
26/06	0800	18.6	6.6	20.4	8.9	20.6	9.2	18.4	2.6	18.3	6.3	20.0	8.7	16.7	9.1	18.0	7.3
26/06	0900	18.6	6.5	20.4	8.9	20.5	9.4	18.4	2.7	18.4	6.2	19.7	8.6	19.9	9.2	18.1	7.3
26/06	1000	18.7	7.0	20.6	9.1	20.6	9.1	18.5	2.5	18.7	6.8	20.1	8.8	19.8	8.7	18.2	7.2
26/06	1100	18.8	7.0	20.7	8.9	20.5	9.3	18.6	2.3	18.5	6.9	19.8	8.6	20.0	8.9	18.2	7.0
26/06	1200	18.8	7.0	20.7	8.9	20.4	9.3	18.6	2.2	18.5	6.7	19.9	8.7	19.8	9.0	18.4	6.8
26/06	1300	18.8	7.5	20.7	9.2	20.3	10.0	18.7	2.5	18.6	7.2	20.2	8.9	19.6	9.5	18.3	6.9
26/06	1400	18.6	7.5	20.4	9.3	20.4	9.6	18.5	2.4	18.4	7.3	20.0	9.0	20.0	9.1	18.1	7.1
26/06	1500	18.5	7.4	20.3	9.4	20.4	9.4	18.3	2.2	18.2	7.5	19.7	9.1	20.1	9.2	17.9	7.2
26/06	1600	18.4	7.5	20.2	9.0	20.4	9.6	18.3	2.2	18.1	7.3	19.8	8.9	19.7	9.3	18.0	7.0
26/06	1700	18.4	7.2	20.2	9.2	20.5	9.6	18.3	1.9	18.1	7.0	19.9	9.0	20.2	9.2	18.2	6.7
26/06	1800	18.5	8.0	20.2	9.6	20.6	9.8	18.2	2.8	18.2	7.8	20.0	9.2	20.3	9.4	18.1	7.5
26/06	1900	18.2	7.8	20.2	9.5	20.4	10.0	18.2	2.2	18.0	7.5	19.8	9.1	19.9	9.7	18.2	7.0
26/06	2000	18.2	7.8	20.2	9.4	20.4	10.0	18.0	2.0	17.8	7.4	19.9	9.0	19.7	9.8	17.5	6.9
26/06	2100	18.2	7.8	20.2	9.2	20.2	9.6	16.0	2.0	17.9	7.3	20.0	8.8	20.1	9.2	15.8	6.8
26/06	2200	16.0	6.0	17.0	9.2	16.5	9.2	15.7	2.0	16.0	6.1	16.5	8.9	16.2	8.7	15.3	7.0
26/06	2300	15.6	6.0	16.2	9.2	15.8	9.2	15.7	2.0	15.2	5.8	16.0	9.0	15.5	8.8	15.5	7.0
27/06	0000	15.6	6.0	16.2	9.2	15.8	9.2	15.7	2.0	15.3	6.0	15.9	9.7	15.6	8.9	15.2	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
27/04	0100	15.2	5.7	15.8	9.2	15.6	8.9	15.3	1.7	15.0	5.4	15.6	9.0	15.2	8.5	15.2	6.8
27/04	0200	15.4	6.0	16.0	8.8	15.6	8.9	15.5	2.3	14.8	5.5	15.8	8.2	15.3	8.6	15.3	7.2
27/04	0300	15.4	6.0	16.0	8.8	15.6	8.9	15.5	2.3	15.1	5.5	16.0	8.4	15.4	8.4	15.1	7.1
27/04	0400	15.0	5.2	16.0	8.8	15.6	8.9	15.5	2.3	14.7	4.0	16.2	8.4	15.1	8.1	15.1	7.2
27/04	0500	15.0	5.2	16.0	8.4	15.6	8.4	15.5	2.0	14.9	5.0	16.1	8.0	15.0	8.6	14.9	7.0
27/04	0600	18.8	5.2	20.5	8.4	19.4	8.4	18.2	2.0	18.0	4.9	19.7	8.3	19.1	8.0	17.8	7.0
27/04	0700	18.2	7.0	20.0	8.8	19.4	8.6	17.5	2.5	17.8	6.2	19.6	8.5	18.7	7.5	17.6	7.5
27/04	0800	18.2	6.2	19.9	8.5	19.4	8.7	17.5	1.6	17.4	6.0	19.3	8.0	19.2	8.1	17.5	6.7
27/04	0900	18.5	5.3	20.1	8.6	19.6	9.0	17.8	1.6	17.9	5.0	19.8	8.1	19.1	8.3	17.5	6.7
27/04	1000	18.4	6.0	20.0	8.5	19.8	8.4	17.8	2.5	18.2	5.7	19.2	8.3	19.1	8.8	17.4	7.6
27/04	1100	18.4	6.4	21.0	8.8	20.0	9.2	15.6	2.0	18.1	6.1	20.1	8.0	19.7	8.0	15.0	7.0
27/04	1200	18.2	6.0	21.0	9.0	20.0	9.4	15.5	2.0	18.1	6.1	20.5	8.7	19.6	9.0	14.8	7.0
27/04	1300	18.1	6.2	20.7	9.6	19.7	9.5	16.3	1.8	17.6	6.2	20.0	9.0	19.5	8.8	15.7	6.9
27/04	1400	18.1	6.6	20.7	9.8	19.6	9.6	15.8	2.2	17.6	6.1	20.1	9.1	19.0	9.0	15.4	7.3
27/04	1500	16.6	5.4	20.5	9.2	19.3	8.8	16.0	2.2	16.8	5.2	19.9	8.4	18.7	8.7	15.6	7.3
27/04	1600	17.4	7.0	19.5	9.8	19.7	9.0	15.8	2.0	17.2	6.5	18.9	9.0	19.1	9.0	15.2	7.0
27/04	1700	17.0	6.9	19.3	9.7	19.7	9.4	15.5	2.1	16.9	6.4	18.7	9.2	19.3	9.1	15.2	7.1
27/04	1800	17.0	6.8	19.2	10.0	19.8	9.6	15.4	2.0	17.0	6.7	18.8	9.8	19.4	9.1	15.1	7.1
27/04	1900	16.8	6.4	19.0	9.4	19.3	8.6	15.2	2.2	16.5	6.1	19.0	9.5	18.8	8.5	15.2	7.2
27/04	2000	16.8	6.4	19.0	9.4	19.3	8.6	15.2	2.2	16.4	6.3	16.8	9.6	18.5	8.4	15.0	7.5
27/04	2100	15.2	7.0	17.3	9.4	17.0	8.8	14.9	2.4	14.8	6.6	17.1	9.3	17.3	8.3	14.7	7.5
27/04	2200	15.4	7.0	17.4	9.8	17.1	8.8	15.0	2.4	14.8	6.6	17.1	9.5	17.2	8.7	14.9	7.3
27/04	2300	15.5	7.2	17.4	9.8	17.2	9.4	15.2	2.4	15.0	6.9	17.2	9.6	17.1	9.0	14.7	7.2
28/04	0000	15.5	7.2	17.4	9.8	17.2	9.4	15.2	2.4	15.0	6.9	17.3	9.5	17.0	8.7	14.8	7.3

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
28/04	0100	15.8	7.0	16.8	9.6	17.5	9.4	15.4	2.5	14.9	6.8	16.7	9.5	17.6	9.3	15.0	7.8
28/04	0200	15.8	7.0	16.8	9.6	17.5	9.4	15.4	2.5	14.9	6.8	16.6	9.2	17.3	9.3	15.0	7.9
28/04	0300	15.5	7.0	16.8	9.6	17.5	9.4	15.4	2.5	14.8	6.9	16.6	9.3	17.3	9.1	14.7	7.9
28/04	0400	15.5	7.0	17.0	9.6	17.5	9.4	15.4	2.5	15.0	6.9	16.5	9.4	17.2	9.1	15.1	7.7
28/04	0500	15.4	6.6	17.3	9.6	17.0	9.2	15.2	2.4	15.0	6.7	16.6	9.4	16.8	9.0	14.8	7.5
28/04	0600	15.4	6.6	17.3	9.4	17.0	9.2	15.2	2.4	15.1	6.5	16.8	9.0	16.9	9.1	14.8	7.5
28/04	0700	15.5	6.6	17.4	9.4	17.0	9.2	15.2	2.4	15.3	6.7	17.0	9.0	16.9	8.7	14.9	7.6
28/04	0800	15.5	6.6	17.4	9.5	17.0	9.2	15.3	2.4	14.7	6.4	17.0	9.4	17.0	8.9	14.8	7.5
28/04	0900	15.5	6.6	17.4	9.5	17.2	9.2	15.3	2.5	14.9	6.5	17.2	9.3	17.1	8.8	15.0	7.7
28/04	1000	15.5	6.6	17.4	9.5	17.2	9.2	15.3	2.5	14.8	6.2	17.1	9.4	16.8	8.8	15.1	7.6
28/04	1100	15.5	6.6	17.4	9.5	17.2	9.2	15.3	2.5	15.2	6.3	17.0	9.5	16.5	9.0	15.1	7.8
28/04	1200	15.5	6.6	17.3	9.5	17.2	9.2	15.3	2.5	15.1	6.5	16.9	9.5	16.8	9.1	15.3	7.9
28/04	1300	15.6	6.7	17.4	9.5	17.3	9.4	15.3	2.5	15.1	6.5	16.7	9.6	16.9	9.3	15.4	7.5
28/04	1400	15.6	5.0	17.5	9.5	17.3	9.4	15.3	2.5	15.4	6.3	16.9	9.3	17.0	9.2	15.5	7.5
28/04	1500	15.5	5.0	17.4	9.5	17.3	9.5	15.5	2.5	15.5	6.2	17.0	9.2	17.0	9.2	15.5	7.5
28/04	1600	15.5	4.6	17.4	9.5	17.3	9.5	15.5	2.5	15.3	5.8	17.0	9.1	17.1	9.4	14.9	7.3
28/04	1700	15.6	6.6	17.5	9.4	17.4	8.0	15.3	2.5	15.5	6.3	17.1	9.0	17.3	9.5	15.0	7.0
28/04	1800	15.8	5.8	17.8	9.3	17.6	8.0	15.5	2.0	15.2	5.7	17.5	9.3	17.2	9.7	15.2	7.2
28/04	1900	16.0	5.2	18.0	9.3	17.9	9.7	15.8	2.3	15.6	5.0	17.6	8.5	17.3	8.8	15.3	7.0
28/04	2000	15.6	5.5	17.7	9.2	17.4	9.7	15.4	2.0	15.6	5.1	17.3	8.7	17.1	8.9	15.1	7.7
28/04	2100	15.6	5.4	16.0	9.0	16.4	9.4	15.0	2.5	15.7	5.2	16.2	8.9	16.0	9.3	15.0	7.7
28/04	2200	15.8	5.2	16.2	9.2	16.5	9.6	15.5	2.5	15.7	4.8	16.2	9.0	16.1	9.4	15.2	8.0
28/04	2300	15.8	5.0	16.2	9.2	16.5	9.5	15.5	2.5	15.4	4.7	16.1	9.0	16.1	9.5	15.3	8.0
29/04	0000	15.6	5.2	16.2	8.8	16.4	9.6	15.5	2.5	15.3	5.2	16.0	8.5	16.0	9.1	15.4	7.8

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
29/04	0100	15.5	5.0	16.0	9.0	16.2	9.6	15.2	2.9	15.3	5.0	15.8	8.9	15.8	9.1	15.1	8.0
29/04	0200	15.5	5.0	16.0	8.8	16.4	9.6	15.5	2.8	15.4	5.2	15.8	8.8	15.9	9.3	15.2	7.8
29/04	0300	15.6	6.0	16.2	8.8	16.4	9.6	15.5	2.2	15.4	5.8	15.9	8.6	15.7	9.1	15.1	7.5
29/04	0400	15.6	6.0	16.2	8.8	16.4	9.6	15.5	2.2	15.2	5.9	16.0	8.5	15.8	9.0	15.3	7.5
29/04	0500	15.6	6.0	16.0	8.8	16.4	9.6	15.5	2.0	15.3	5.7	15.7	8.6	15.7	9.4	15.3	7.0
29/04	0600	16.8	7.0	16.2	8.5	16.0	9.5	16.0	2.0	15.9	6.3	15.9	8.2	15.5	9.4	15.7	7.0
29/04	0700	17.0	7.0	17.0	8.4	16.5	9.2	16.0	2.2	16.5	6.5	16.7	8.2	15.9	8.7	15.5	7.4
29/04	0800	17.5	7.0	17.5	8.4	17.0	9.2	16.2	2.5	16.8	6.6	16.8	8.0	16.7	8.8	15.8	7.5
29/04	0900	17.5	7.0	18.0	8.4	17.0	9.2	16.2	2.5	16.9	6.5	17.5	8.1	16.5	8.7	15.9	7.6
29/04	1000	17.4	7.4	18.2	8.6	17.2	9.4	16.1	2.6	17.0	6.3	17.8	8.0	16.8	8.9	16.0	7.5
29/04	1100	17.4	7.6	18.2	9.0	17.2	9.6	16.0	2.8	16.8	7.5	17.9	8.4	16.8	9.0	16.0	7.8
29/04	1200	17.0	7.8	17.8	9.2	17.4	9.8	15.8	2.8	15.7	7.4	17.9	8.7	16.9	9.5	15.7	7.7
29/04	1300	16.8	8.0	17.4	9.4	16.2	10.0	15.3	2.8	16.3	7.7	17.6	8.7	16.3	9.7	14.7	7.7
29/04	1400	16.8	8.0	17.4	9.4	16.2	10.0	15.3	2.8	16.6	7.7	17.7	8.8	16.0	9.8	14.8	7.8
29/04	1500	16.8	7.6	17.4	9.8	16.3	10.2	15.3	2.6	16.3	7.3	17.4	8.9	16.1	10.1	14.9	7.9
29/04	1600	16.8	7.4	17.4	9.8	16.3	10.2	15.3	2.6	16.5	7.2	17.2	9.0	16.1	9.9	15.0	7.6
29/04	1700	17.0	7.6	17.6	10.0	16.4	9.6	15.6	2.8	16.9	7.5	17.4	9.7	16.3	9.1	15.0	7.8
29/04	1800	17.0	7.8	17.6	9.8	16.6	10.0	15.6	2.6	16.8	7.5	17.2	9.3	16.1	9.7	15.1	7.5
29/04	1900	17.0	8.2	17.7	9.5	16.6	10.0	15.8	2.6	16.5	8.5	17.3	9.4	16.5	9.6	15.6	7.6
29/04	2000	17.1	8.3	17.9	9.7	16.9	10.0	15.8	2.4	16.7	7.9	17.5	9.5	16.6	9.5	15.4	7.4
29/04	2100	17.0	7.4	17.6	9.8	16.4	10.1	15.6	2.2	16.8	7.1	17.5	9.5	15.9	9.8	15.2	7.2
29/04	2200	17.0	7.4	17.6	9.8	16.4	10.0	15.6	2.2	17.0	7.3	16.9	9.4	15.8	9.7	15.3	7.3
29/04	2300	16.8	8.0	17.4	9.8	16.3	9.6	15.6	2.3	16.9	7.8	17.0	9.6	15.8	9.7	15.4	7.2
30/04	0000	16.6	8.0	17.4	9.8	16.0	9.5	15.5	2.2	16.8	7.8	17.1	9.6	15.5	9.2	15.2	7.1

TIME		DATA PENGUKURAN DI CENTRAL GAS TURBIN DURI								DATA PENGUKURAN MELALUI SISTEM SCADA							
		CGT # 2		CGT # 3		CGT # 4		CGT # 5		CGT-2		CGT-3		CGT-4		CGT-5	
		MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR	MW	MVAR
30/04	0100	16.5	7.7	17.2	9.5	16.0	9.8	15.4	1.9	15.9	7.8	15.9	9.4	15.7	9.2	15.1	6.7
30/04	0200	16.5	7.7	17.0	9.5	16.0	9.6	15.5	1.9	16.0	7.7	16.2	9.1	15.8	9.1	15.1	6.8
30/04	0300	16.5	7.8	17.2	9.4	16.2	10.0	15.7	1.9	16.0	7.6	16.1	9.2	15.7	9.7	15.2	6.5
30/04	0400	16.4	8.2	17.0	9.5	16.2	9.5	15.5	1.9	16.1	7.9	16.2	9.3	15.9	9.0	15.3	6.8
30/04	0500	16.4	8.5	17.0	9.5	16.2	9.5	15.4	1.9	16.1	8.0	16.7	9.5	15.8	9.1	15.0	6.7
30/04	0600	16.2	8.4	17.1	9.5	16.8	9.5	16.0	1.9	15.8	8.0	16.6	9.3	16.0	9.1	15.7	6.5
30/04	0700	16.2	8.5	17.1	9.5	16.8	9.5	16.0	1.9	15.9	8.2	16.5	9.2	16.3	9.3	15.5	6.4
30/04	0800	16.2	8.5	17.1	9.5	16.8	9.5	16.0	1.9	15.7	8.1	16.6	9.2	16.5	9.2	15.5	6.3
30/04	0900	16.2	8.5	17.1	9.5	16.8	9.5	16.0	1.9	15.7	8.1	16.8	9.3	16.4	9.4	19.5	6.9
30/04	1000	20.0	8.0	21.0	10.0	16.4	9.8	20.5	1.9	18.7	7.7	19.9	9.7	16.0	9.5	19.9	7.0
30/04	1100	20.0	8.0	21.0	10.0	16.4	9.8	20.5	4.0	18.9	7.8	20.7	9.5	16.1	9.6	20.0	8.2
30/04	1200	20.0	8.0	21.0	10.0	16.4	9.4	20.5	4.0	19.5	7.6	20.5	9.5	16.2	9.3	20.2	8.5
30/04	1300	20.0	7.2	18.0	10.0	15.0	9.4	20.5	4.0	19.6	6.9	18.2	9.7	16.1	9.2	20.1	8.1
30/04	1400	20.0	7.2	18.0	10.0	15.0	9.2	20.2	2.5	19.7	6.9	18.0	9.6	14.8	9.0	20.2	7.9
30/04	1500	19.8	7.2	17.2	9.9	15.0	9.0	20.0	2.2	19.5	7.0	16.9	9.8	14.9	8.5	20.1	7.5
30/04	1600	20.0	7.2	20.0	10.0	15.8	9.0	20.0	2.2	19.5	7.1	19.4	9.9	14.9	8.7	19.9	7.5
30/04	1700	20.0	7.2	20.9	10.0	15.8	9.4	20.2	2.0	19.7	6.8	19.9	10.0	15.2	8.1	20.0	7.4
30/04	1800	20.0	7.2	21.4	10.0	16.0	9.4	20.5	2.0	19.4	6.5	21.1	10.2	15.4	9.1	19.8	7.0
30/04	1900	20.0	7.6	21.6	10.0	16.0	9.0	20.5	2.0	19.8	6.9	20.9	9.8	15.7	8.5	20.2	6.9
30/04	2000	20.2	7.4	21.4	9.8	16.0	9.4	21.0	1.8	19.8	7.0	21.0	9.5	15.6	9.2	20.5	7.0
30/04	2100	20.2	7.8	21.6	9.8	16.4	9.4	16.0	2.0	20.0	7.5	21.1	9.4	15.8	9.0	15.7	7.1
30/04	2200	20.0	7.4	21.6	9.6	16.4	9.6	15.0	2.0	19.3	7.2	21.4	9.3	16.1	9.0	15.2	7.2
30/04	2300	20.0	7.4	21.6	9.6	16.8	9.6	15.0	2.0	19.3	7.3	21.5	9.2	16.5	9.4	15.1	7.0
01/05	0000	19.8	7.2	21.6	9.6	16.8	9.6	15.0	2.0	19.5	7.3	20.8	9.3	16.7	9.5	14.9	7.1

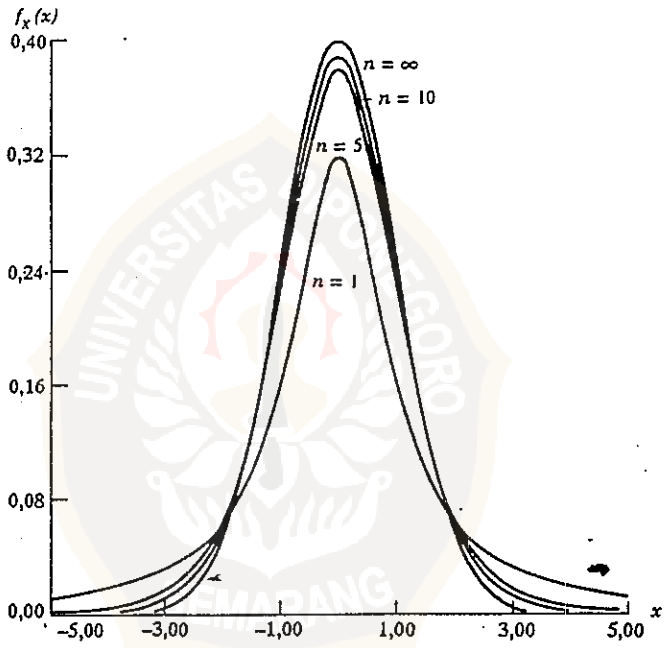
LAMPIRAN-G

TABEL DISTRIBUSI-t

Suatu peubah acak X dikatakan berdistribusi $-t$ dengan derajat kebebasan n jika (untuk suatu bilangan bulat $n \geq 1$; lihat definisi 4.2.26)

$$f_X(x) = \frac{\Gamma\left(\frac{n+1}{2}\right)}{\sqrt{n\pi}\,\Gamma\left(\frac{n}{2}\right)} \frac{1}{\left(1 + \frac{x^2}{n}\right)^{(n+1)/2}}, \qquad -\infty < x < +\infty.$$

Grafik berikut menunjukkan fungsi padat distribusi $-t$ dengan berbagai pilihan n, dan fungsi padat $N(0, 1)$ (bertanda $n = \infty$).



Tabel 13 Distribusi –*t* (lanjutan)

Tabel berikut memberikan nilai *y* sedemikian sehingga (untuk berbagai nilai *n*, γ)

$$P[X \leq y] = \int_{-\infty}^{y} f_X(x)\, dx = \gamma$$

n \ γ	*0,60*	*0,75*	*0,90*	*0,95*	*0,975*	*0,99*	*0,995*	*0,9975*	*0,999*	*0,9995*
1	0,325	1,000	3,078	6,314	12,706	31,821	63,657	127,32	318,31	636,62
2	0,289	0,816	1,886	2,920	4,303	6,965	9,925	14,089	22,327	31,598
3	0,277	0,765	1,638	2,353	3,182	4,541	5,841	7,453	10,214	12,924
4	0,271	0,741	1,533	2,132	2,776	3,747	4,604	5,598	7,173	8,610
5	0,267	0,727	1,476	2,015	2,571	3,365	4,032	4,773	5,893	6,869
6	0,265	0,718	1,440	1,943	2,447	3,143	3,707	4,317	5,208	5,959
7	0,263	0,711	1,415	1,895	2,365	2,998	3,499	4,029	4,785	5,408
8	0,262	0,706	1,397	1,860	2,306	2,896	3,355	3,833	4,501	5,041
9	0,261	0,703	1,383	1,833	2,262	2,821	3,250	3,690	4,297	4,781
10	0,260	0,700	1,372	1,812	2,228	2,764	3,169	3,581	4,144	4,587
11	0,260	0,697	1,363	1,796	2,201	2,718	3,106	3,497	4,025	4,437
12	0,259	0,695	1,356	1,782	2,179	2,681	3.055	3,428	3,930	4,318
13	0,259	0,694	1,350	1,771	2,160	2,650	3,012	3,372	3,852	4,221
14	0,258	0,692	1,345	1,761	2,145	2,624	2,977	3,326	3,787	4,140
15	0,258	0,691	1,341	1,753	2,131	2,602	2,947	3,286	3,733	4,073
16	0,258	0,690	1,337	1,746	2,120	2,583	2,921	3,252	3,686	4,015
17	0,257	0,689	1,333	1,740	2,110	2,567	2,898	3,222	3,646	3,965
18	0,257	0,688	1,330	1,734	2,101	2,552	2,878	3,197	3,610	3,922
19	0,257	0,688	1,328	1,729	2,093	2,539	2,861	3,174	3,579	3,883
20	0,257	0,687	1,325	1,725	2,086	2,528	2,845	3,153	3,552	3,850
21	0,257	0,686	1,323	1,721	2,080	2,518	2,831	3,135	3,527	3,819
22	0,256	0,686	1,321	1,717	2,074	2,508	2,819	3,119	3,505	3,792
23	0,256	0,685	1,319	1,714	2,069	2,500	2,807	3,104	3,485	3,767
24	0,256	0,685	1,318	1,711	2,064	2,492	2,797	3,091	3,467	3,745
25	0,256	0,684	1,316	1,708	2,060	2,485	2,787	3,078	3,450	3,725
26	0,256	0,684	1,315	1,706	2,056	2,479	2,779	3,067	3,435	3,707
27	0,256	0,684	1,314	1,703	2,052	2,473	2,771	3,057	3,421	3,690
28	0,256	0,683	1,313	1,701	2,048	2,467	2,763	3.047	3,408	3,674
29	0,256	0,683	1,311	1,699	2,045	2,462	2,756	3,038	3,396	3,659
30	0,256	0,683	1,310	1,697	2,042	2,457	2,750	3,030	3,385	3,646
40	0,255	0,681	1,303	1,684	2,021	2,423	2,704	2,971	3,307	3,551
60	0,254	0,679	1,296	1,671	2,000	2,390	2,660	2,915	3,232	3,460
120	0,254	0,677	1,289	1,658	1,980	2,358	2,617	2,860	3,160	3,373
∞	0,253	0,674	1,282	1,645	1,960	2,326	2,576	2,807	3,090	3,291

*Penyesuaian dari tabel 12 di h. 146 *Biometrika Tables for Statisticians, Vol. I* (Edisi ke-3 dicetak kembali dengan tambahan), dan disunting oleh E. S. Pearson dan H. O. Hartley, Cambridge University Press, London, 1970. Disalin seizin the Biometrika Trustees.

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Perguruan Tinggi : *UNIVERSITAS DIPONEGORO*
Fakultas/Jurusan : *MIPA / FISIKA*

Telah melaksanakan survey untuk bahan pembuatan laporan Tugas Akhir (skripsi) dengan judul :

" ANALISIS SISTEM "SCADA" SEBAGAI PENGENDALI DAN PEMANTAU JARAK JAUH SISTEM KETENAGALISTRIKAN "

di PT Caltex Pacific Indonesia dari tanggal ***8 Maret 2001*** *sampai dengan tanggal* ***25 Mei 2001*** *dengan hasil penilaian seperti tercantum di halaman belakang sertifikat ini.*

Rumbai, 25 Mei 2001

A. BAYU RAJASA
Team Manager People Development
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PEOPLE DEVELOPMENT RUMBAI

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