

ข้อมูลการศึกษาลักษณะการใช้ไฟฟ้า

เดือน กันยายน 2550

Table 1-1

COINCIDENT WITH SYSTEM LOAD RESEARCH SYSTEM'S PEAK ON September 07,2007 time 13:45 6,753.21 MW

(MEA SYSTEM'S PEAK ON September 07,2007 time 14:30 7,178.44 MW)

CLASS	Number of Customers	Kilowatt hours	Coincident Peak at time 14:30 (MEA System Peak)		Coincident Peak at time 14:15 (Load Research System Peak)		Sector Diversified Demand		
			MW	Contribution (%)	MW	Contribution (%)	Max MW.	Date	Time
Residential	2,180,098	811,443,557	725.93	10.78	754.75	11.18	1,964.26	13 Sep 07	22:45
Small General Service	472,352	534,836,189	1,115.33	16.56	1,111.61	16.46	1,169.40	10 Sep 07	11:00
Medium General Service	19,904	680,544,044	1,597.78	23.73	1,565.09	23.18	1,745.64	6 Sep 07	14:45
Large General Service	1,588	1,309,168,020	2,406.22	35.73	2,437.87	36.10	2,490.12	26 Sep 07	14:45
Specific Business	2,216	149,419,720	266.14	3.95	267.58	3.96	267.62	7 Sep 07	13:30
Government and non Profit organization	11,713	111,358,377	431.43	6.41	427.09	6.32	534.84	10 Sep 07	14:00
Public Lighting	-	18,591,412	0.00	0.00	0.00	0.00	55.09	-	-
Loss	-	97,382,661	191.60	2.85	189.21	2.80	200.87	7 Sep 07	14:30
TOTAL	2,687,871	3,712,743,980	6,734.44	100	6,753.21	100	6,753.21	7 Sep 07	13:45

Table 1-2

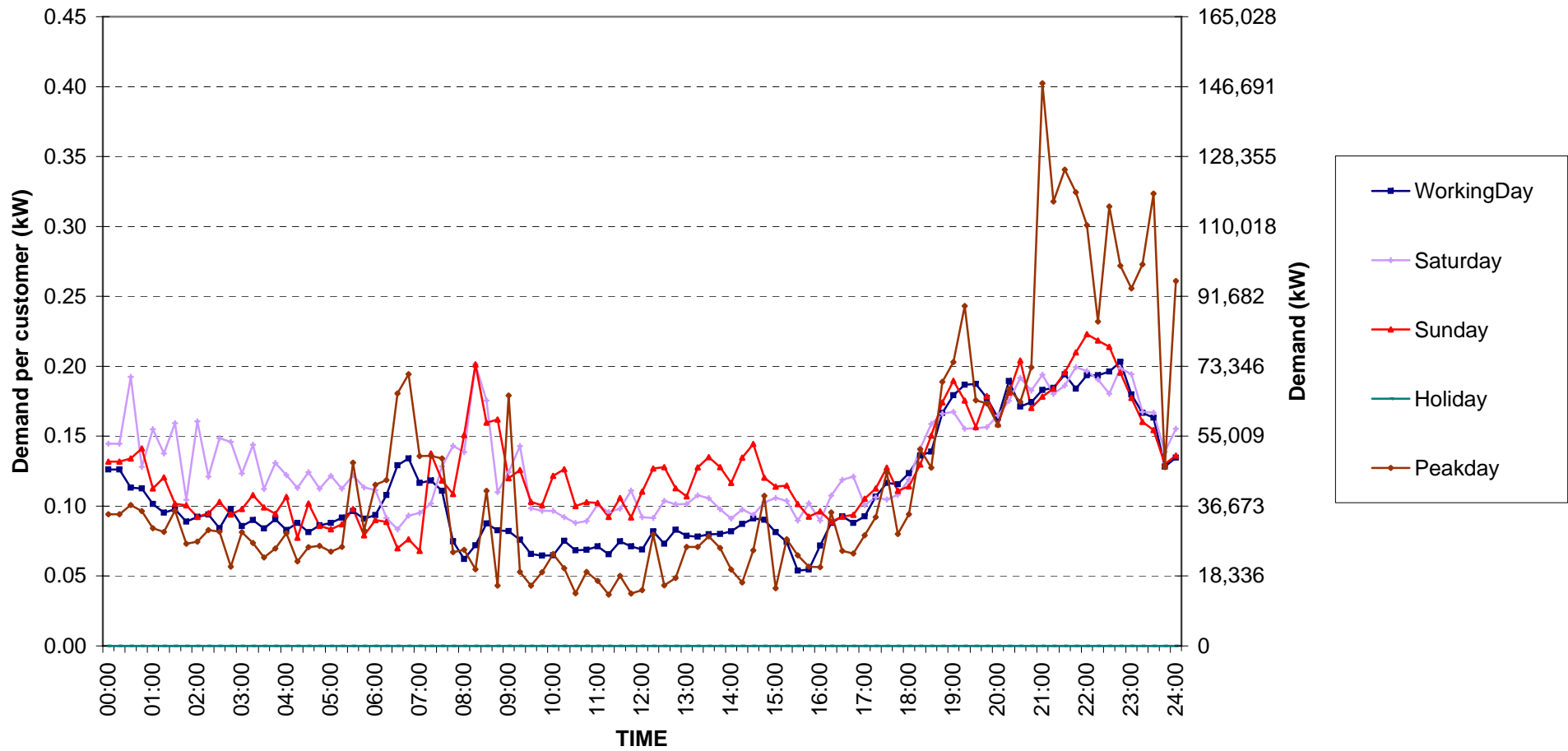
Number of sample customers on September, 2007

CLASS	Number of sample customers (Target)	Number of sample customers (Collected)
Residential	191	191
Small General Service	297	297
Medium General Service	163	163
Large General Service	328	328
Specific Business	76	76
Government and Non-profit Organization	68	68
TOTAL	1,123	1,123

Residential (Energy Consumption less than 150 kWh per month)

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 10

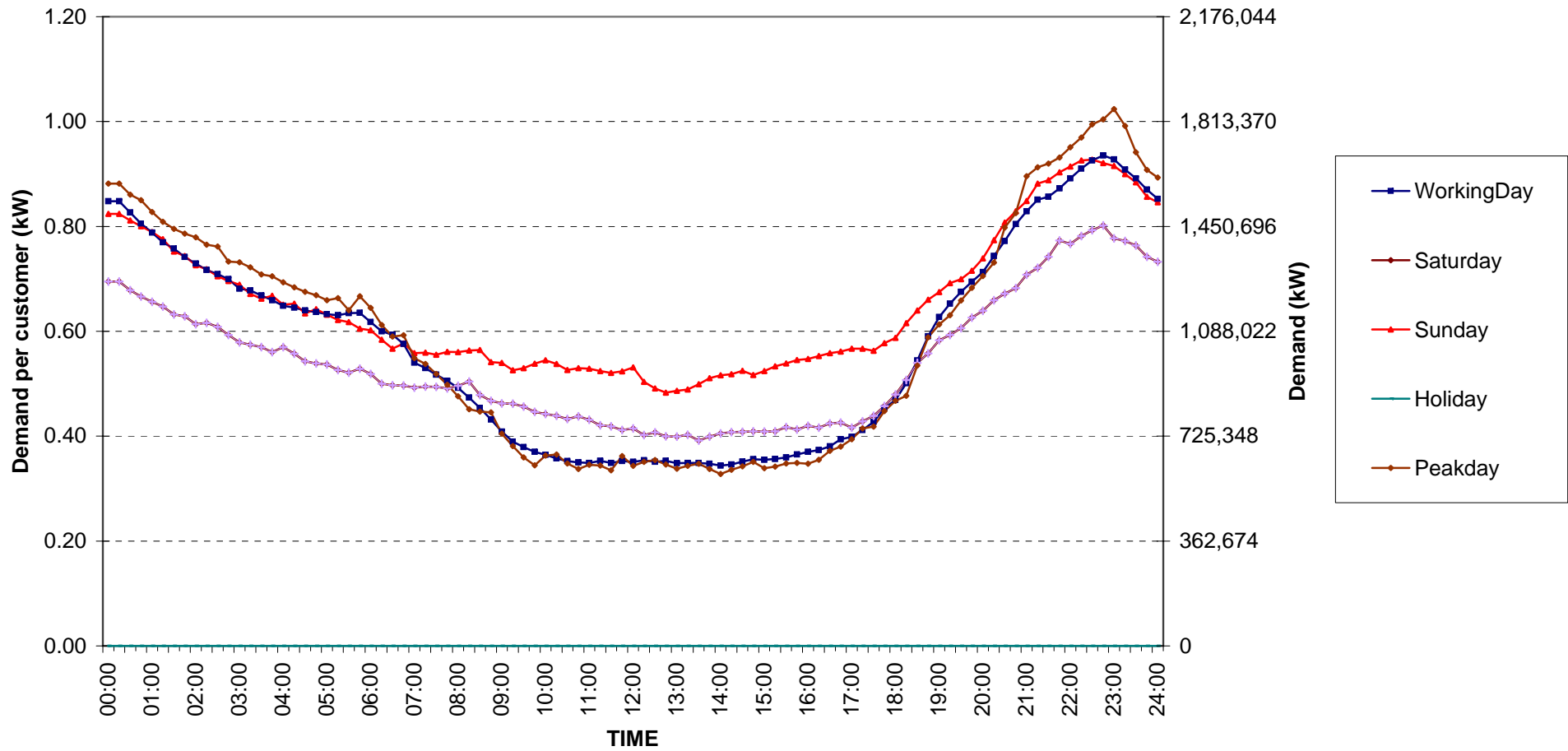


กราฟรูปที่ 1

Residential (Energy Consumption more than 150 kWh per month)

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 181

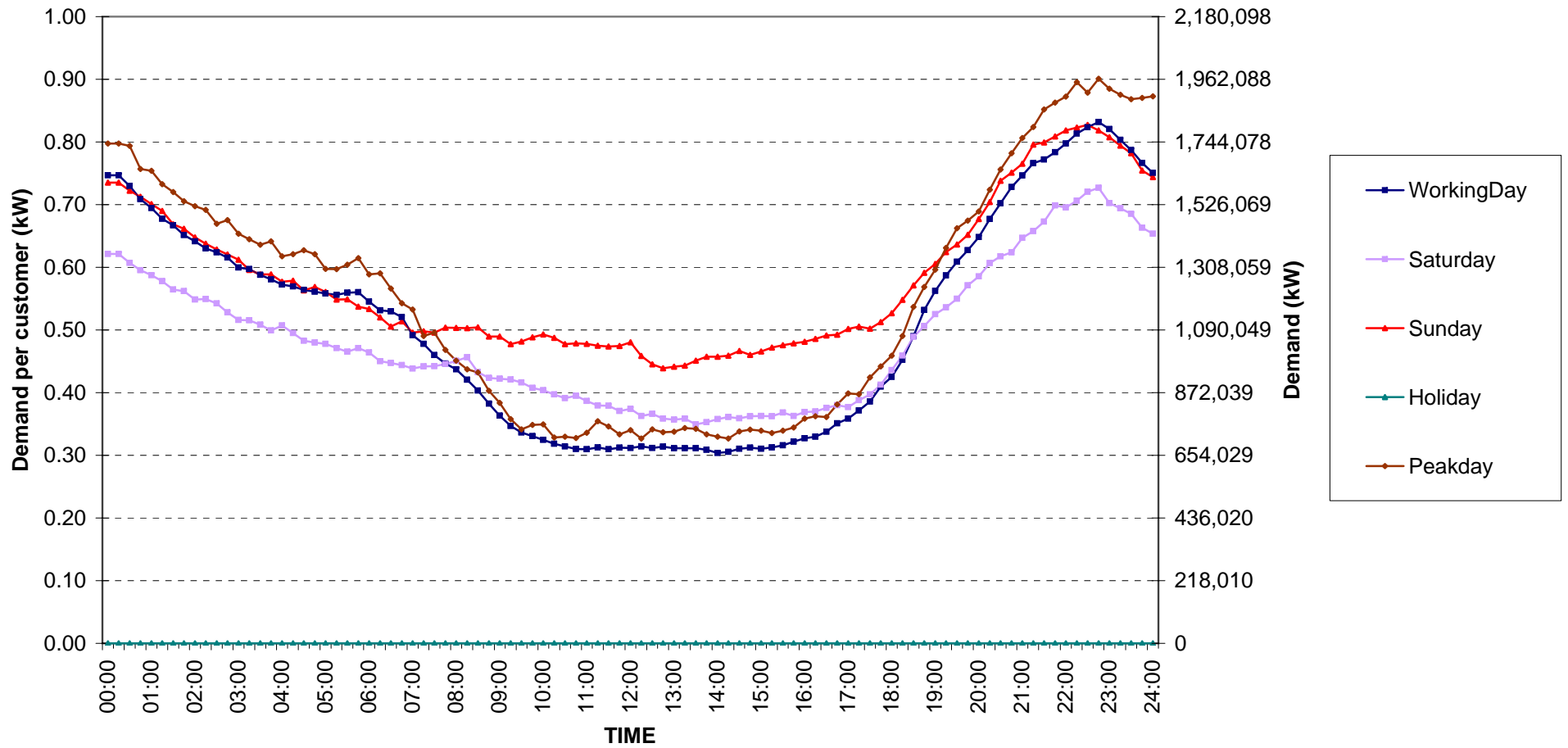


กราฟรูปที่ 2

Residential Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 191

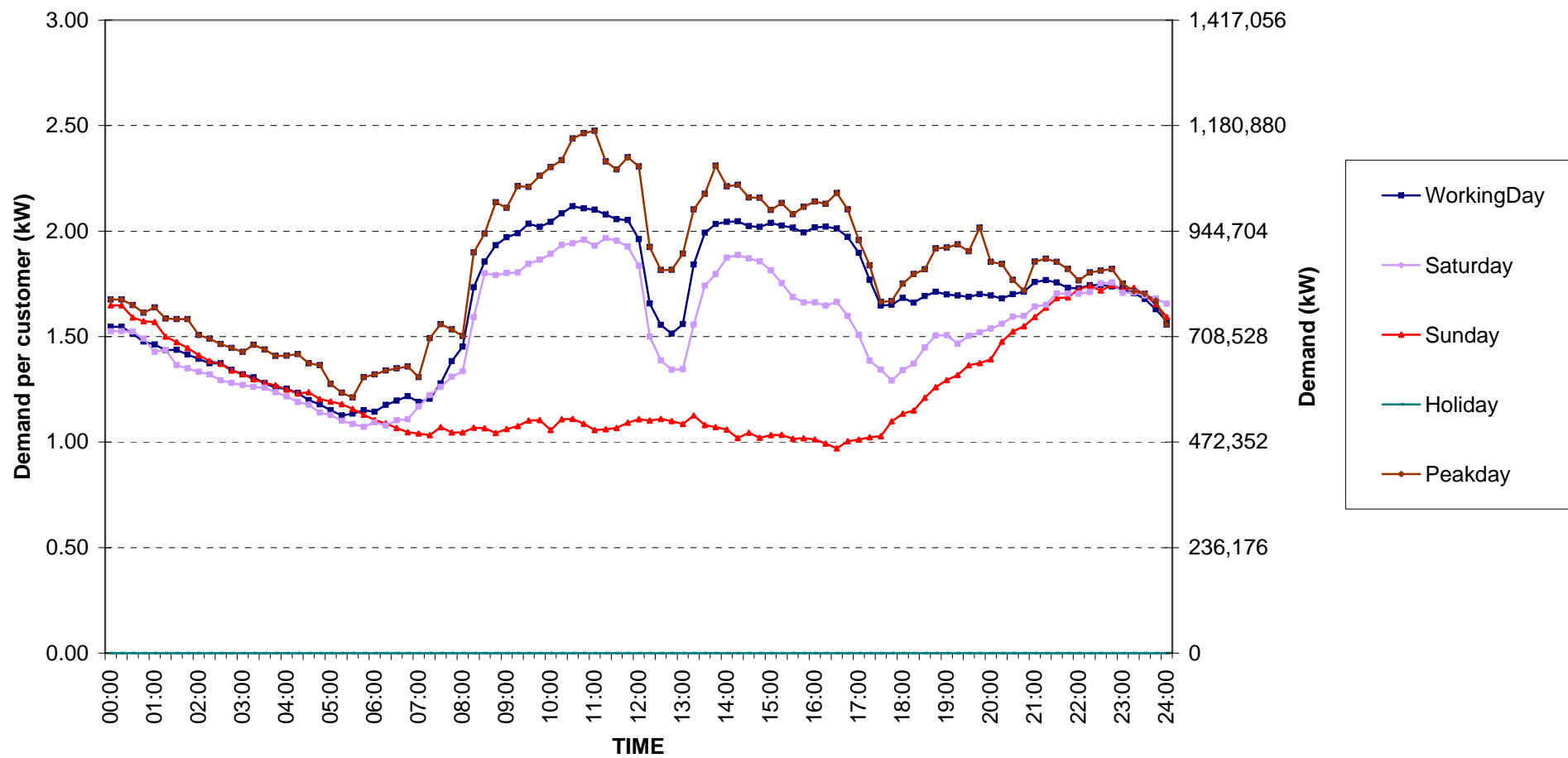


กราฟรูปที่ 3

Small General Services Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 297

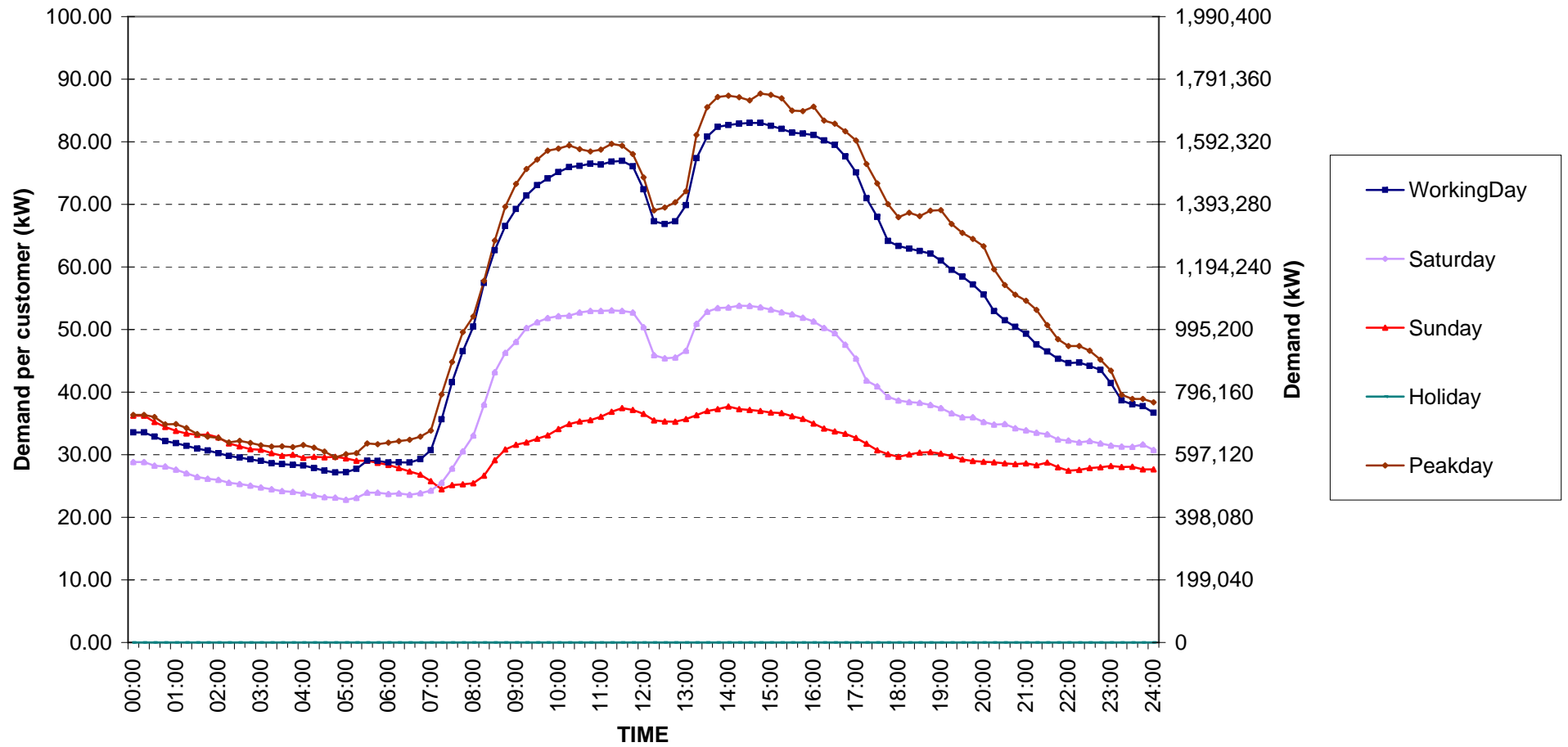


กราฟรูปที่ 4

Medium General Services Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 163

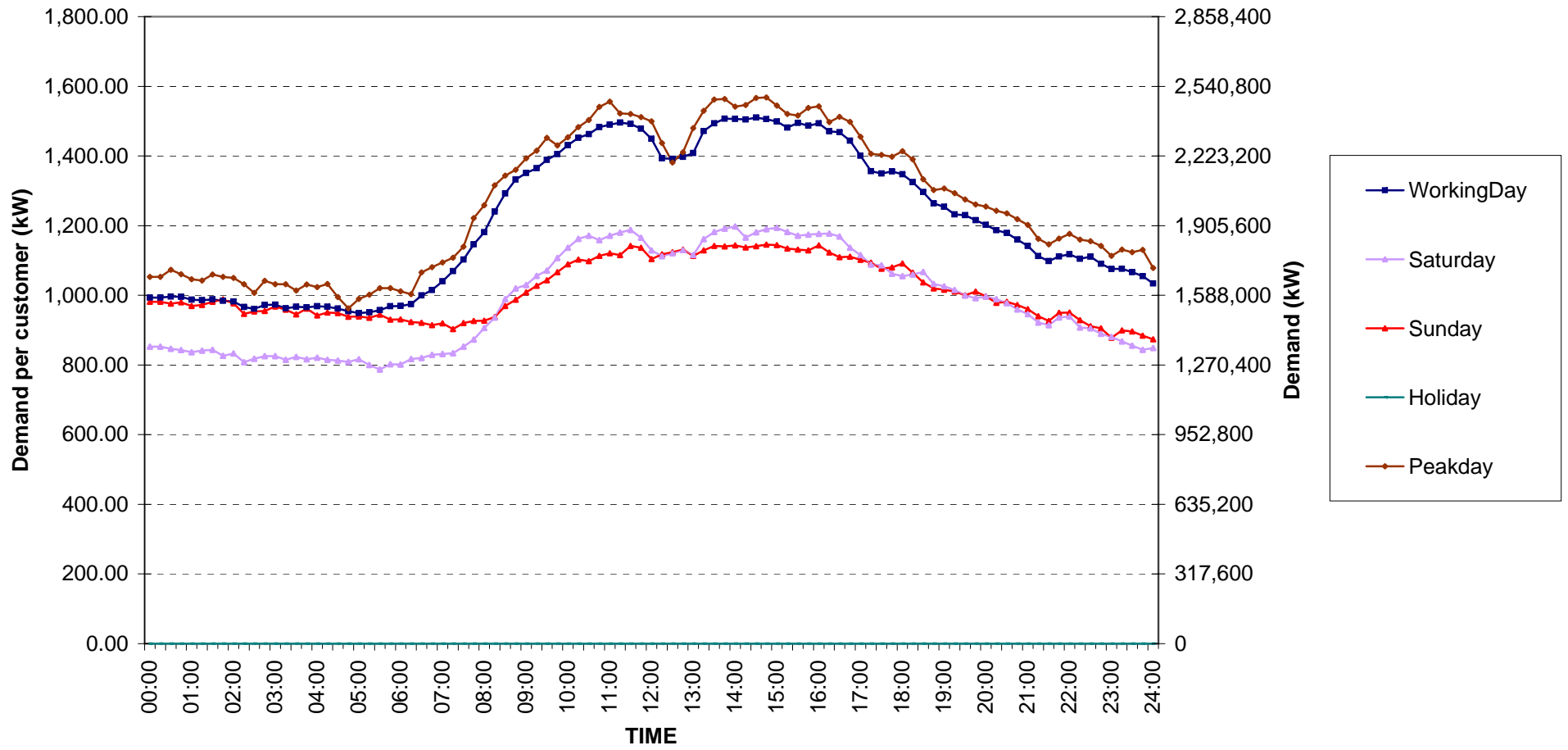


กราฟรูปที่ 5

Large General Services Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 328

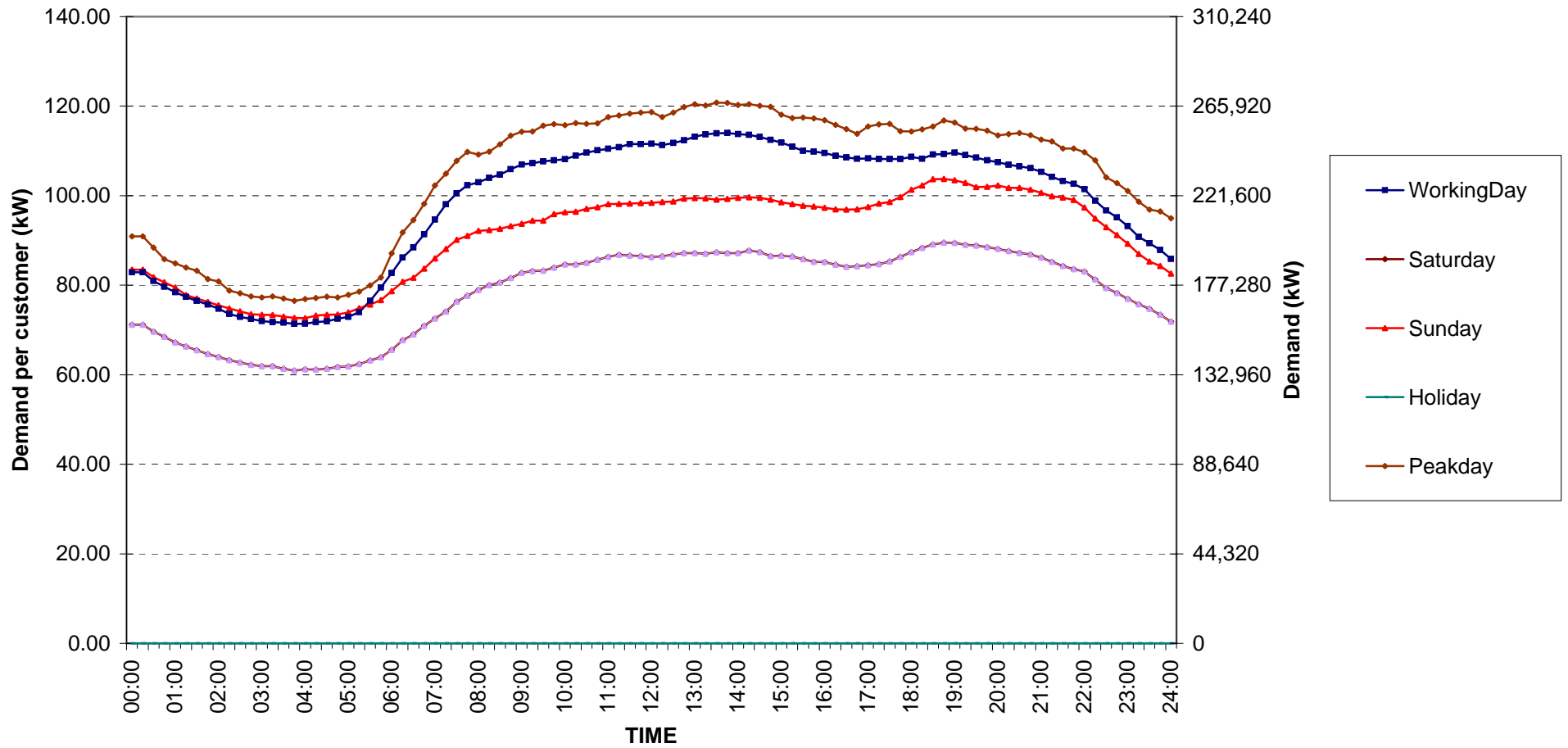


กราฟรูปที่ 6

Specific Business Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 76

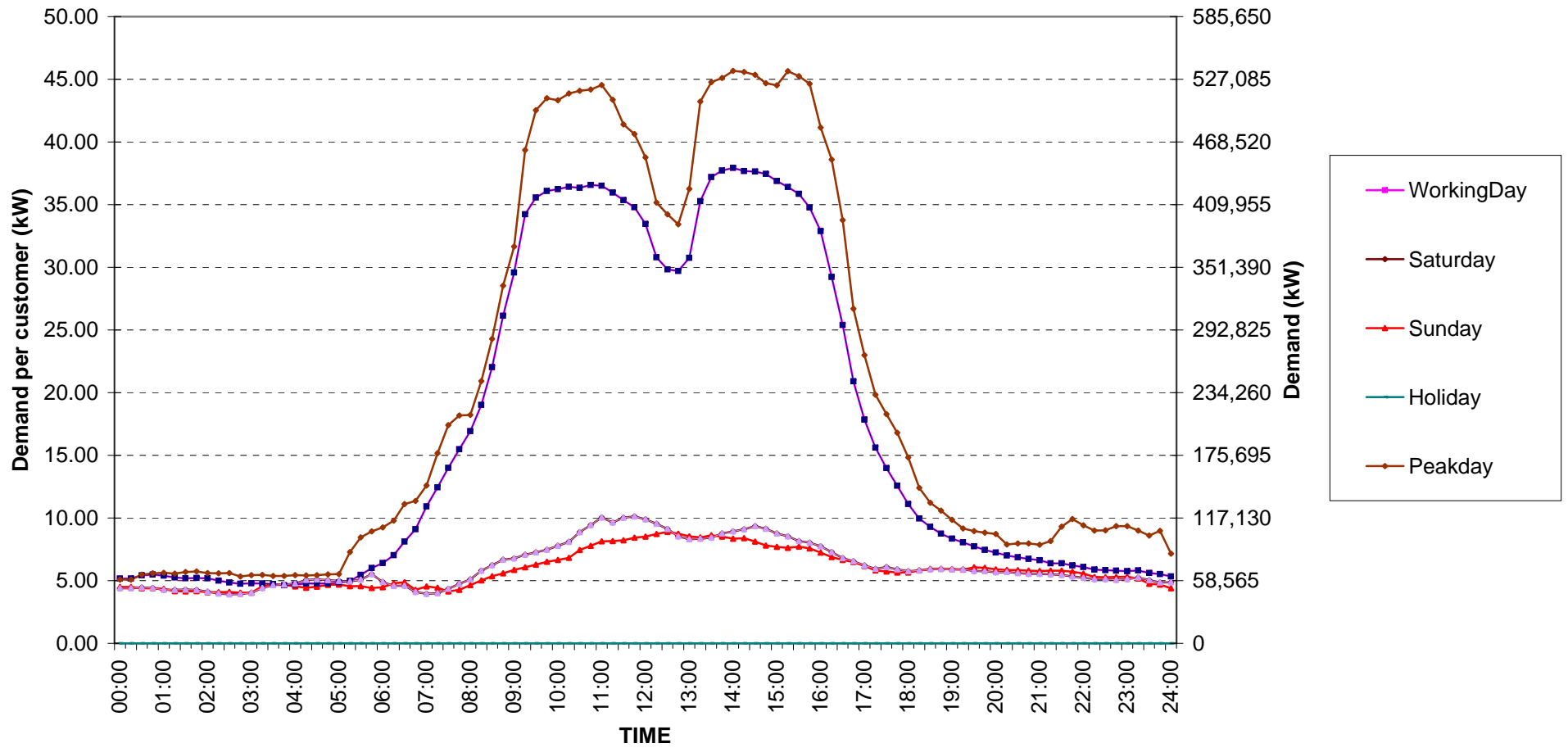


กราฟรูปที่ 7

Government institutions and non-profit organizations Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 68

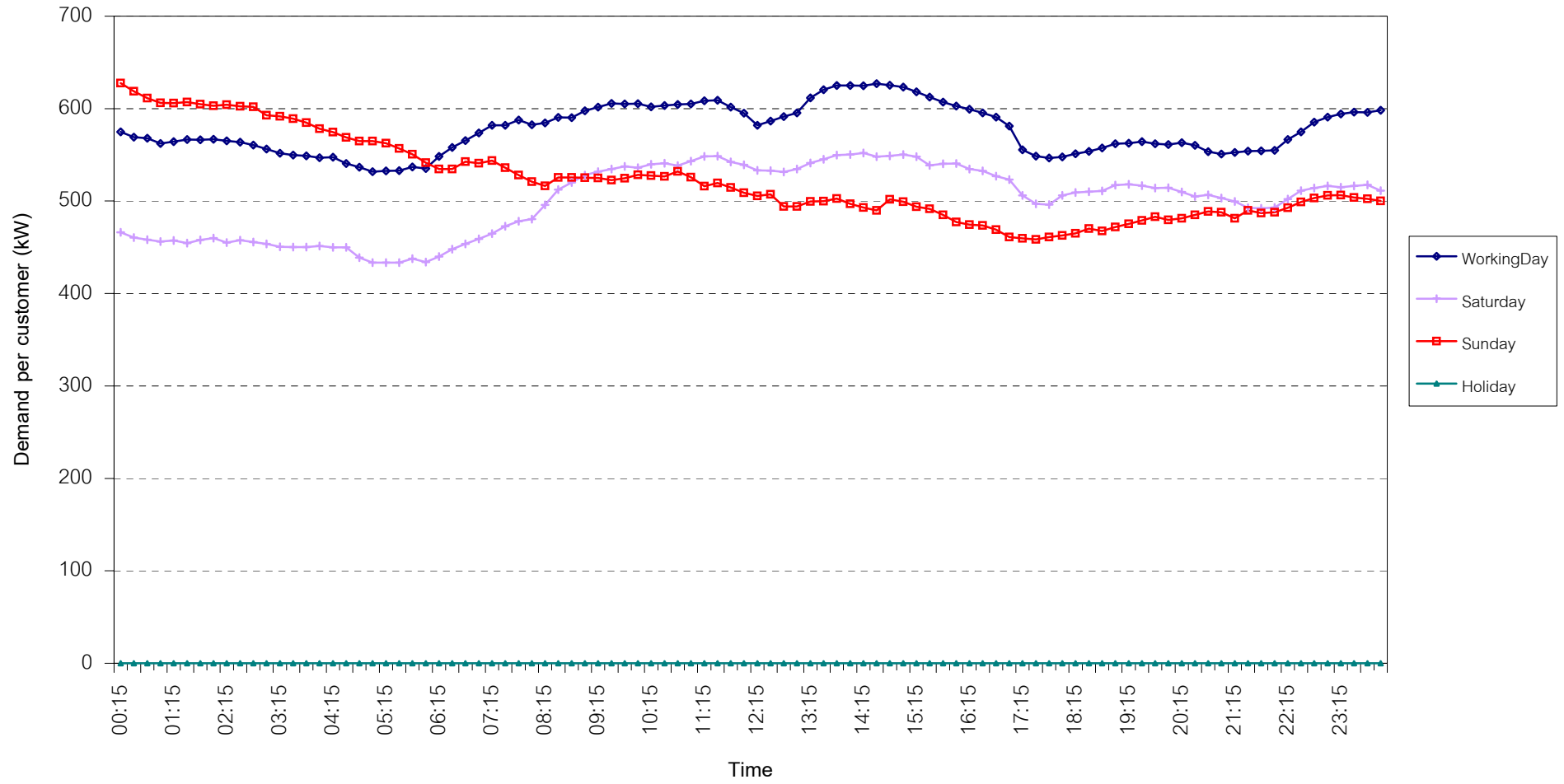


กราฟรูปที่ 8

TSIC 31 (Food Processing) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 30

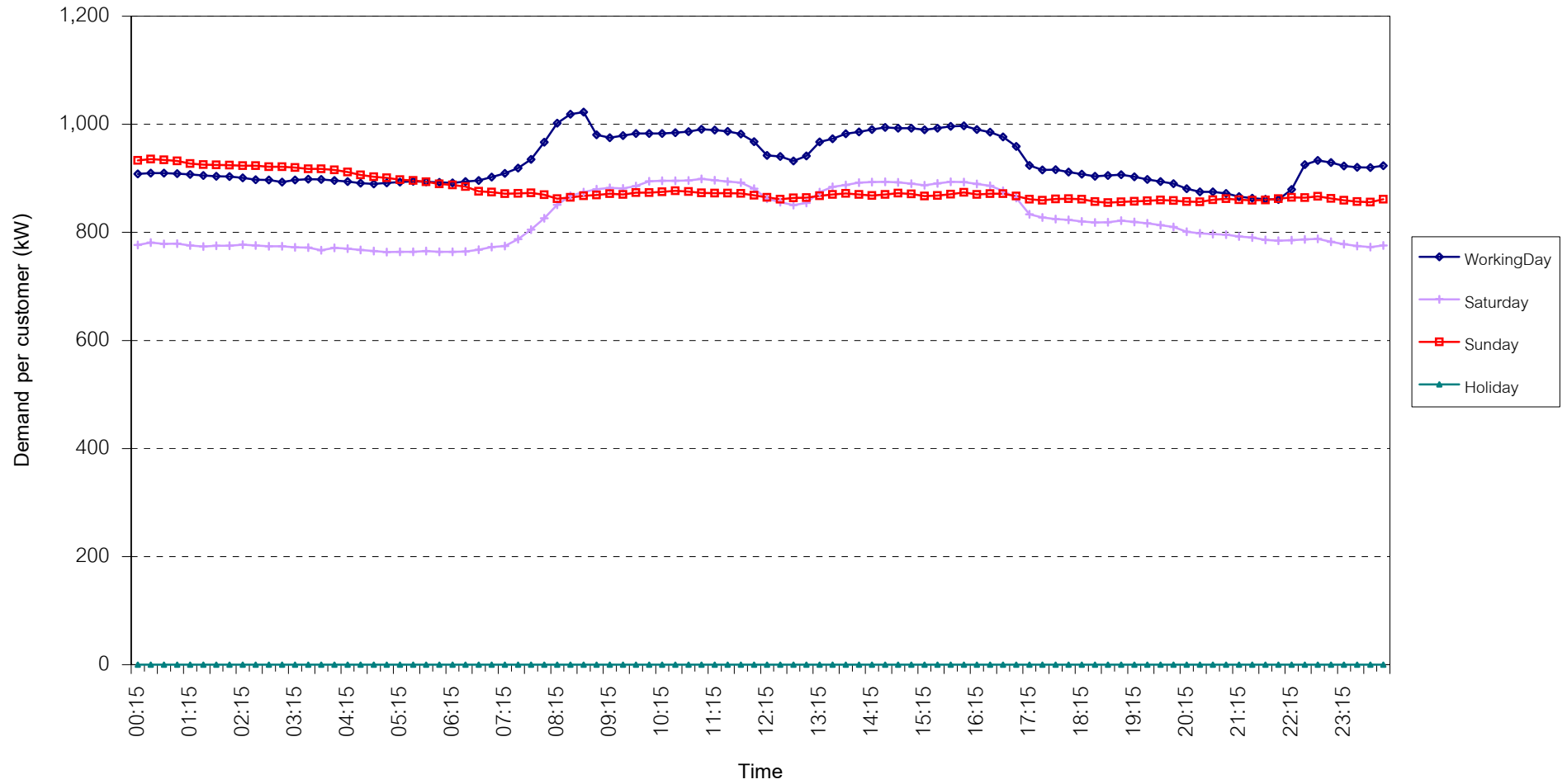


กราฟรูปที่ 9

TSIC 32 (Textiles) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 63

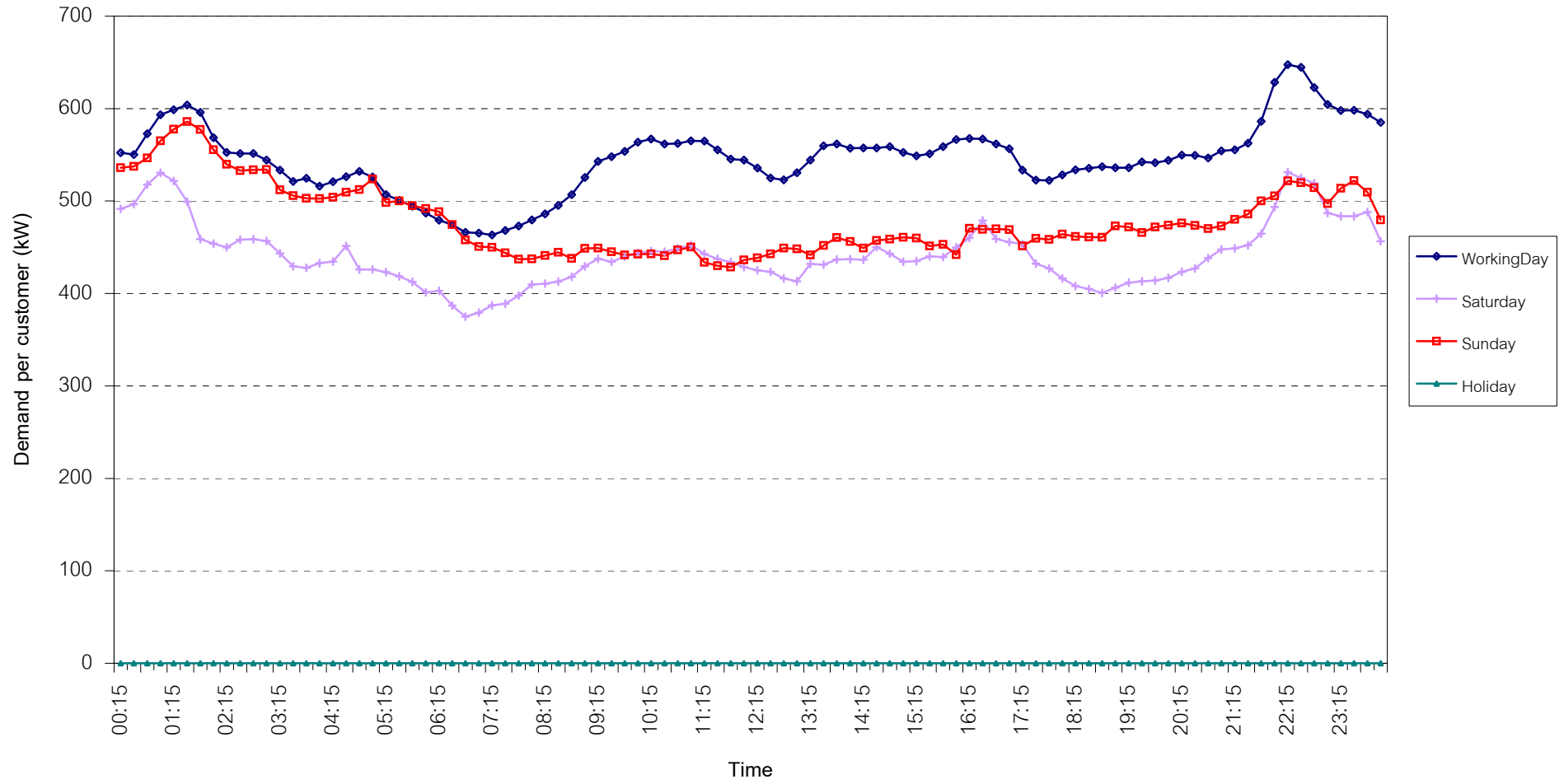


กราฟรูปที่ 10

TSIC 34 (Paper & Printing) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 10

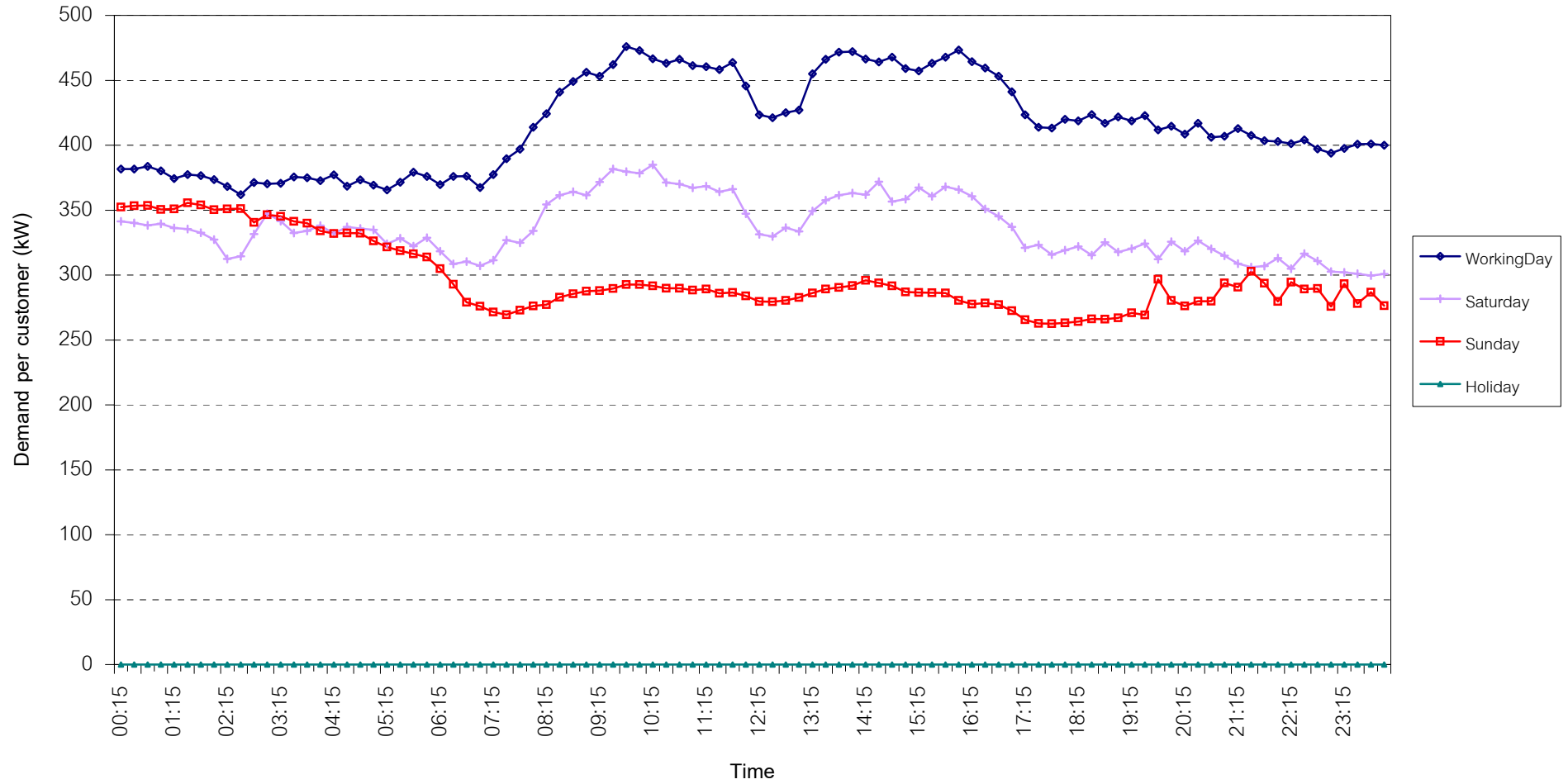


กราฟรูปที่ 11

TSIC 35 (Chemical & Petroleum) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 62

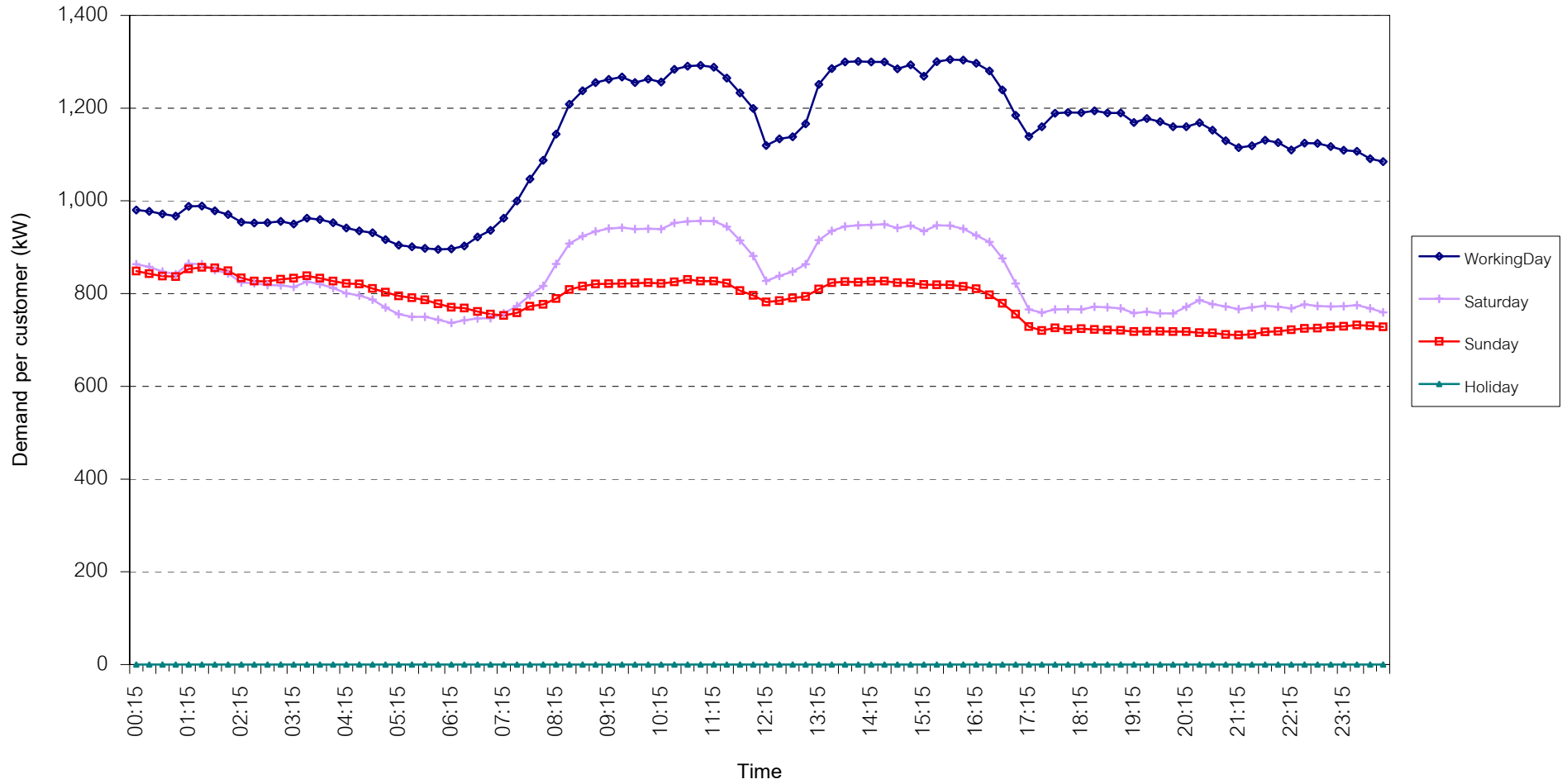


กราฟรูปที่ 12

TSIC 38 (Fabricated Metal Products) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 61

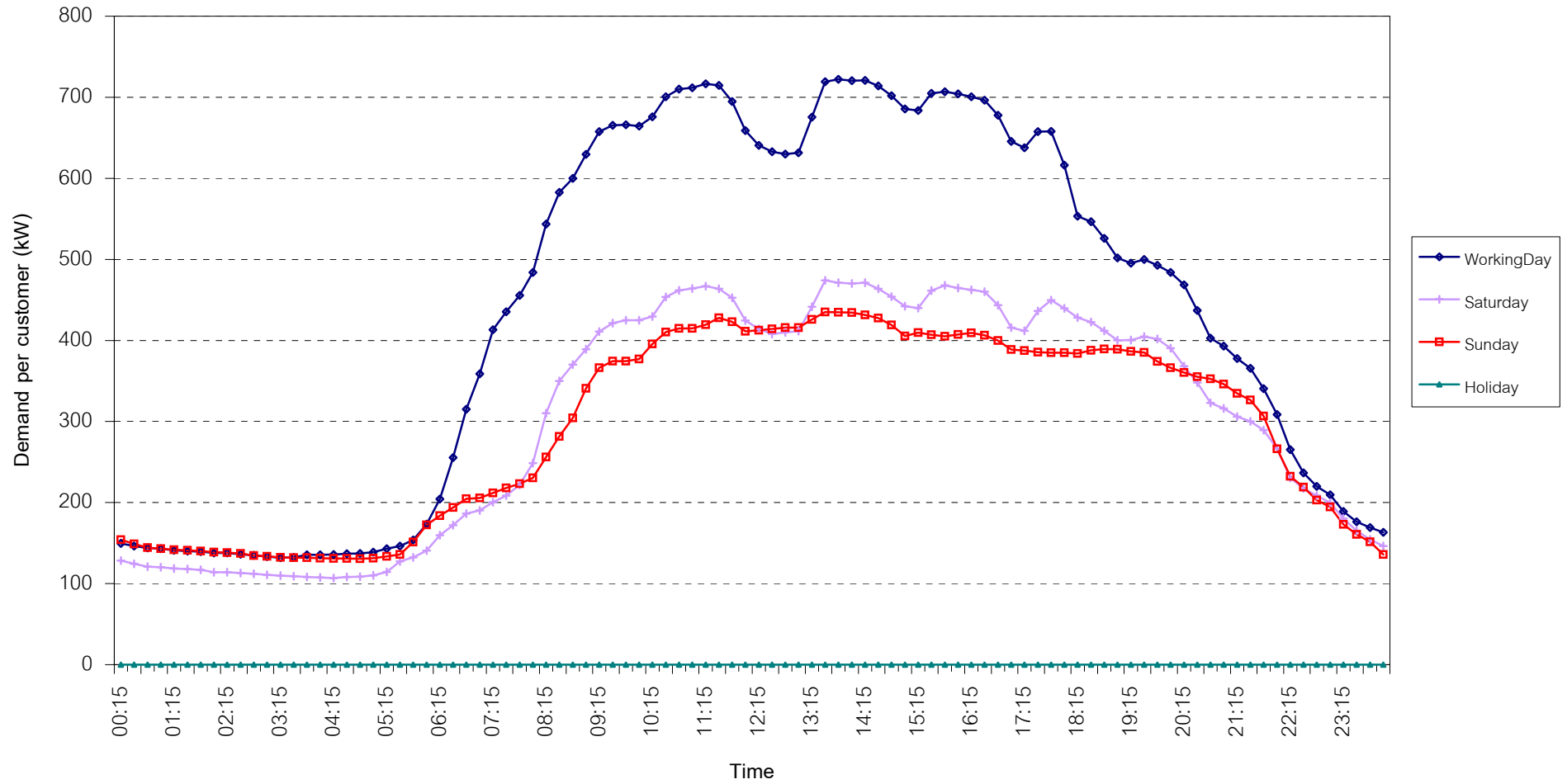


กราฟรูปที่ 13

TSIC 61 (Wholesale Trade) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 8

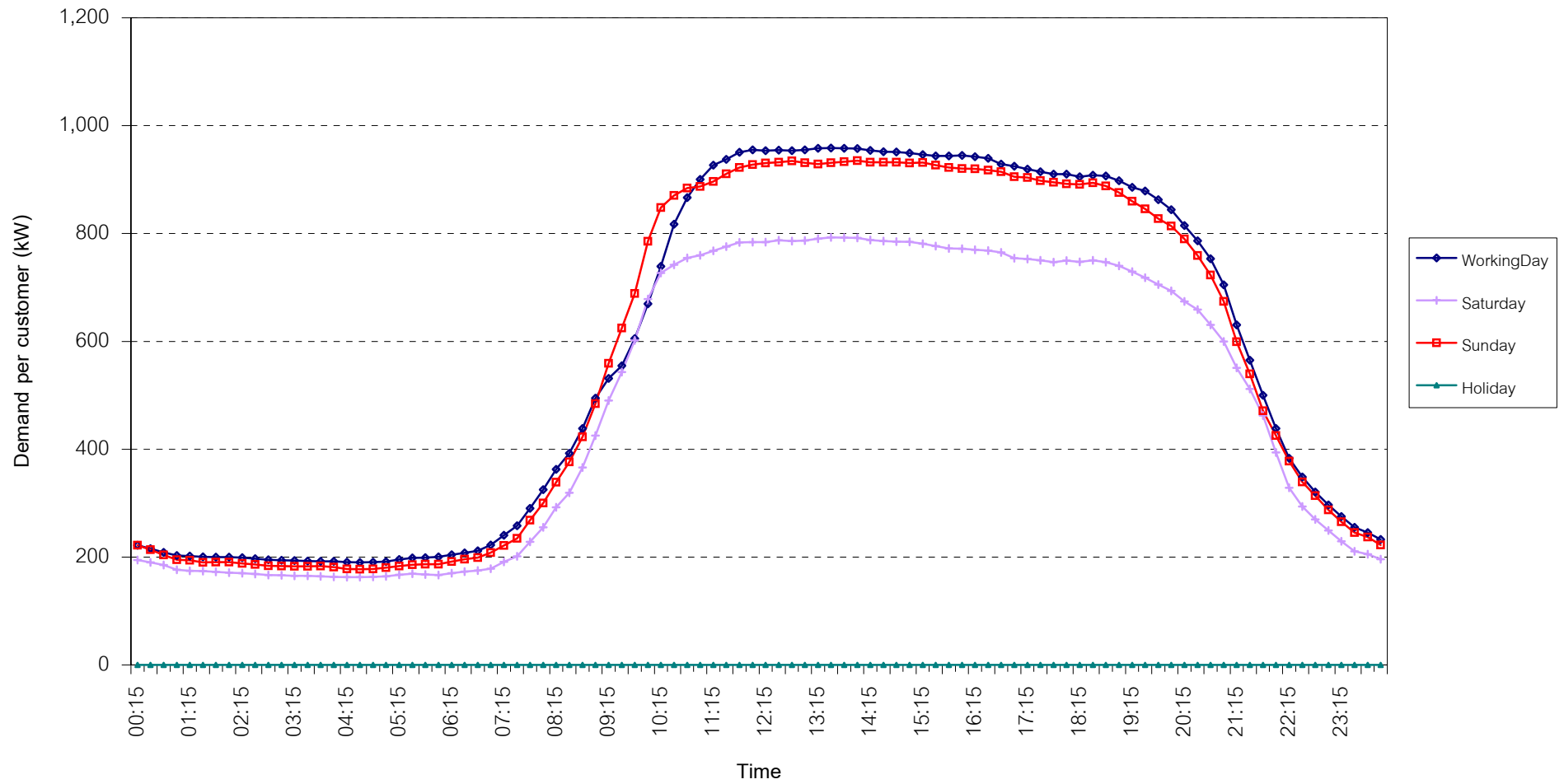


กราฟรูปที่ 14

TSIC 62 (Retail Trade) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 73

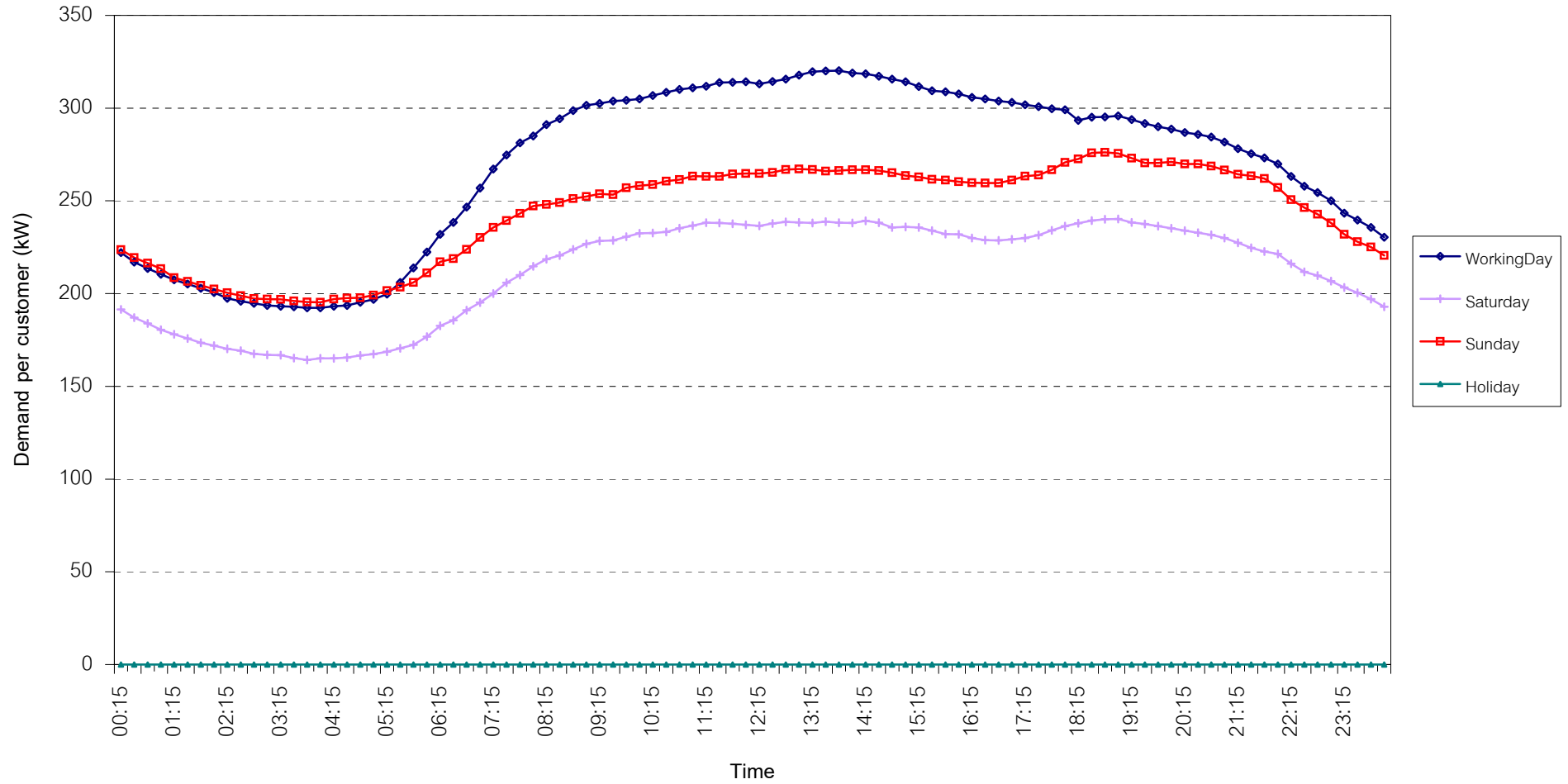


กราฟรูปที่ 15

TSIC 63 (Hotels and restaurants) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 82

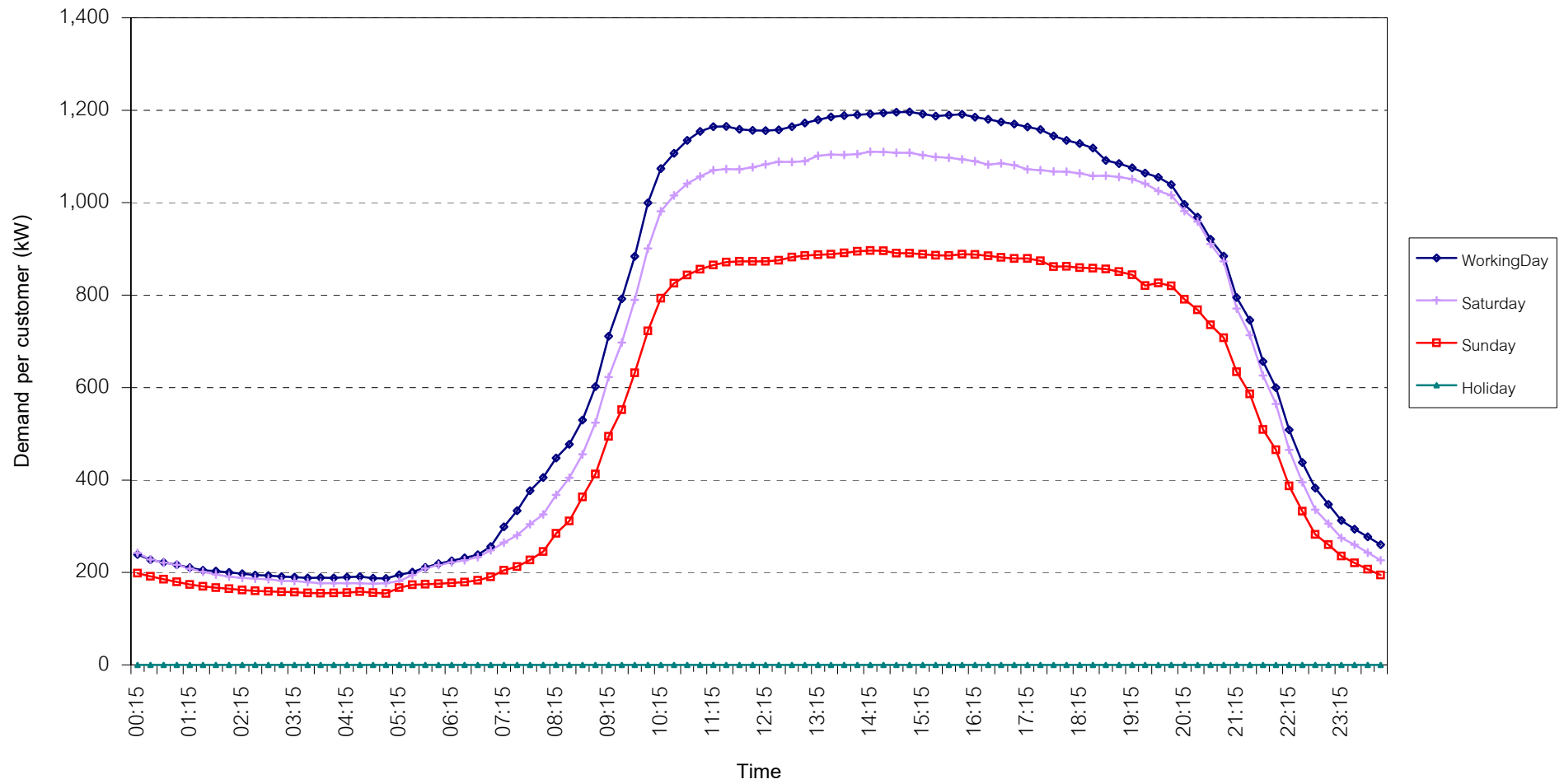


กราฟรูปที่ 16

TSIC 83 (Real Estate) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

Number of sample customers = 33

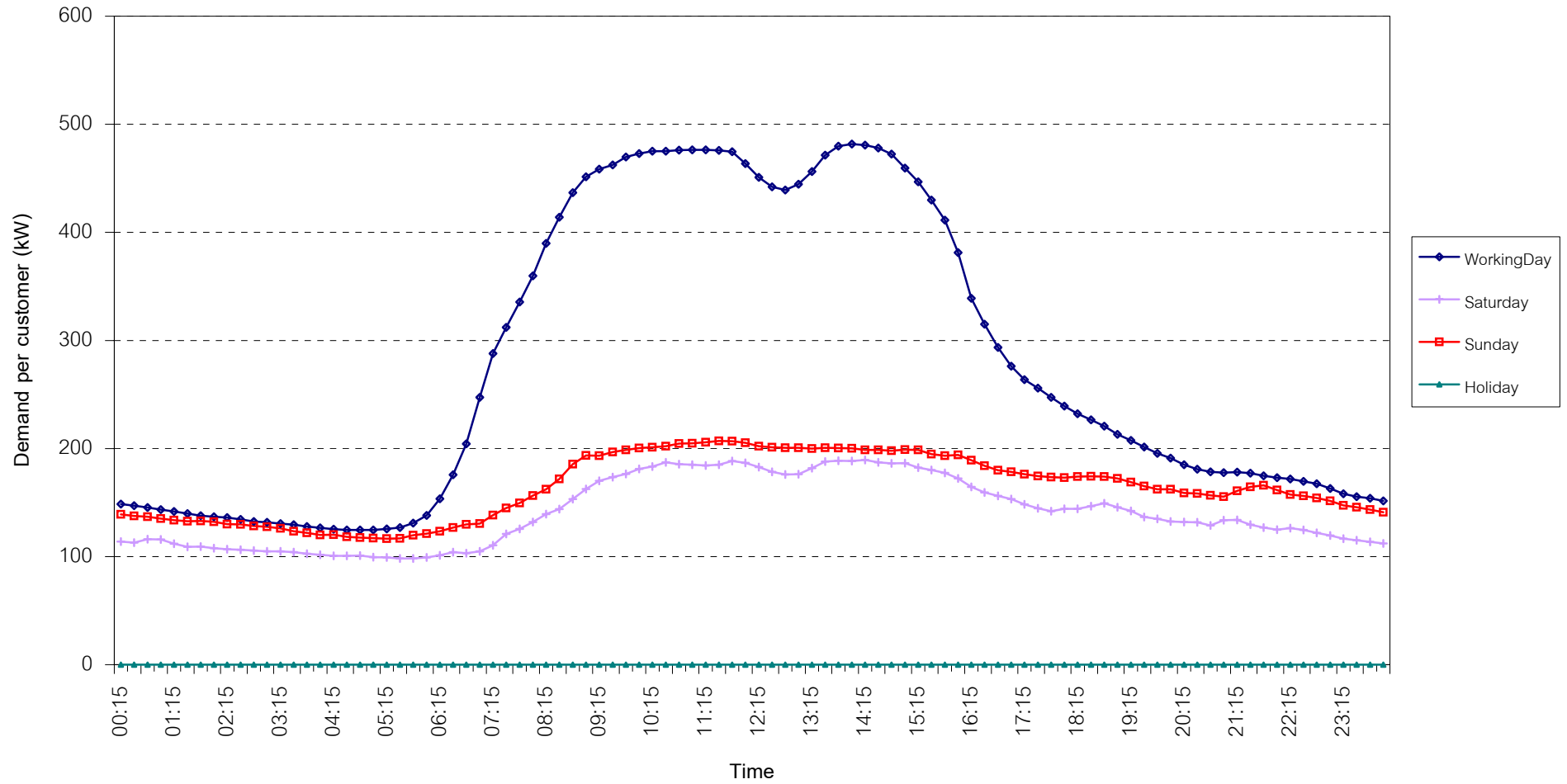


กราฟรูปที่ 17

TSIC 93 (Social Services) Load Profile

Date: 1 Sep, 2007 to 30 Sep, 2007

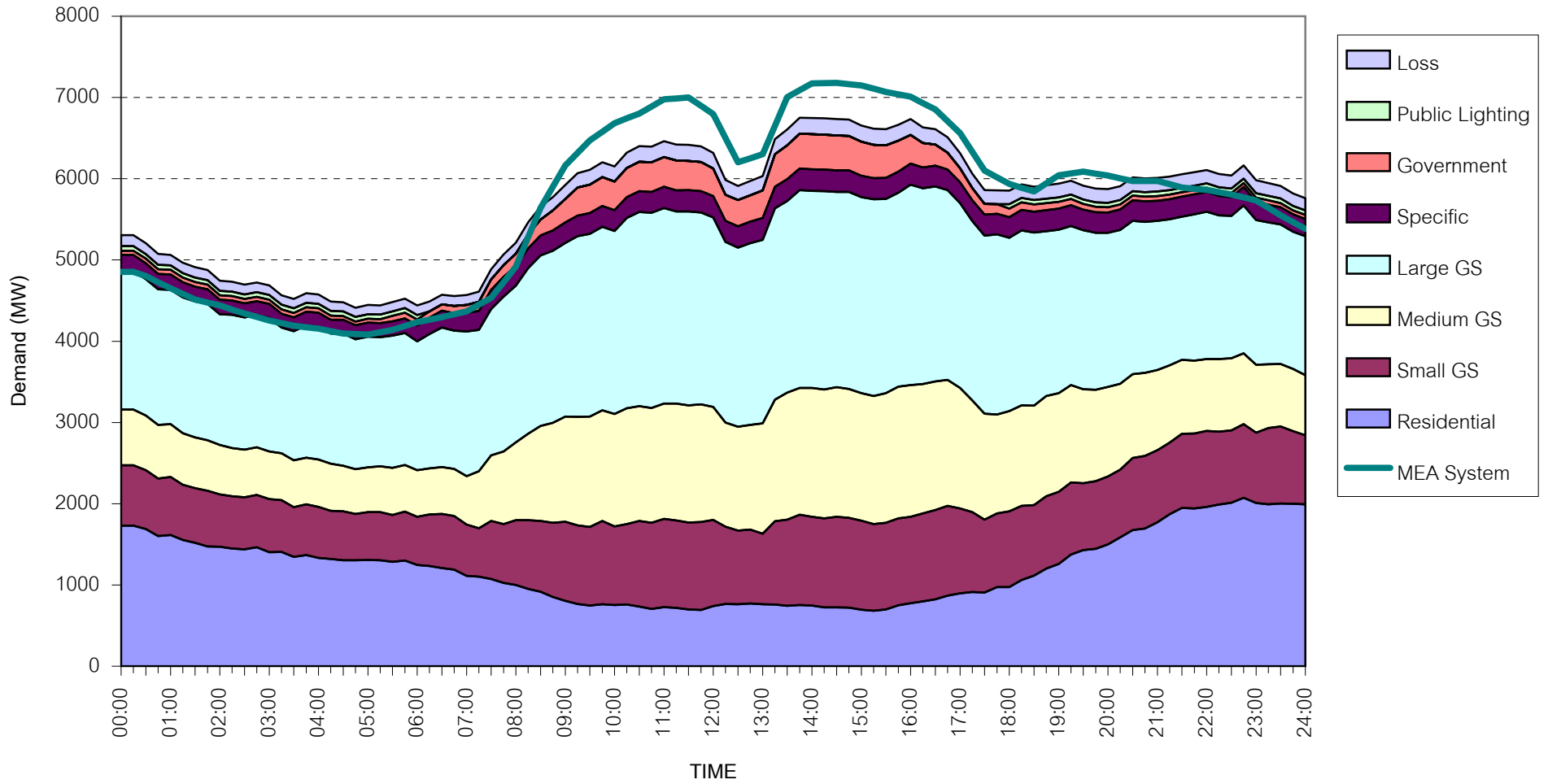
Number of sample customers = 21



กราฟรูปที่ 18

MEA's System Load Profile

Peak Day 07 September, 2007 at 14:30



กราฟรูปที่ 19