

ข้อมูลการศึกษาลักษณะการใช้ไฟฟ้า

เดือน กันยายน 2564

Table 1-1

COINCIDENT WITH LOAD RESEARCH SYSTEM'S PEAK ON September 13,2021 time 14:30 7,833.42 MW
 (MEA SYSTEM'S PEAK ON September 13,2021 time 16:00 7,241.70 MW)

CLASS	Number of Customers	Kilowatt hours	Coincident Peak (MEA System Peak at time 14:30)		Coincident Peak (Load Research System Peak at time 16:00)		Sector Diversified Demand		
			MW	Contribution (%)	MW	Contribution (%)	Max MW.	Date	Time
Residential	3,686,515	1,289,964,756	1,506.76	20.89	1,751.32	24.18	2,609.95	19 Sep 21	20:45
Small General Service	349,110	539,744,448	1,060.98	14.71	984.89	13.60	1,175.52	13 Sep 21	14:15
Medium General Service	23,714	629,190,147	1,566.90	21.72	1,484.44	20.50	1,774.20	30 Sep 21	13:30
Large General Service	2,516	1,375,983,896	2,661.30	36.90	2,608.98	36.03	2,622.96	29 Sep 21	14:00
Specific Business	3,295	114,468,598	174.14	2.41	172.80	2.39	198.18	13 Sep 21	21:30
Non Profit Organization	325	10,921,056	18.83	0.26	19.94	0.28	27.83	6 Sep 21	13:00
Public Lighting	-	42,100,475	0.00	0.00	0.00	0.00	116.53	-	-
Loss	-	119,155,150	223.89	3.10	219.33	3.03	223.89	13 Sep 21	14:30
TOTAL	4,065,475	4,121,528,526	7,212.79	100.00	7,241.70	100.00	7,241.70	13 Sep 21	14:30

Table 1-2

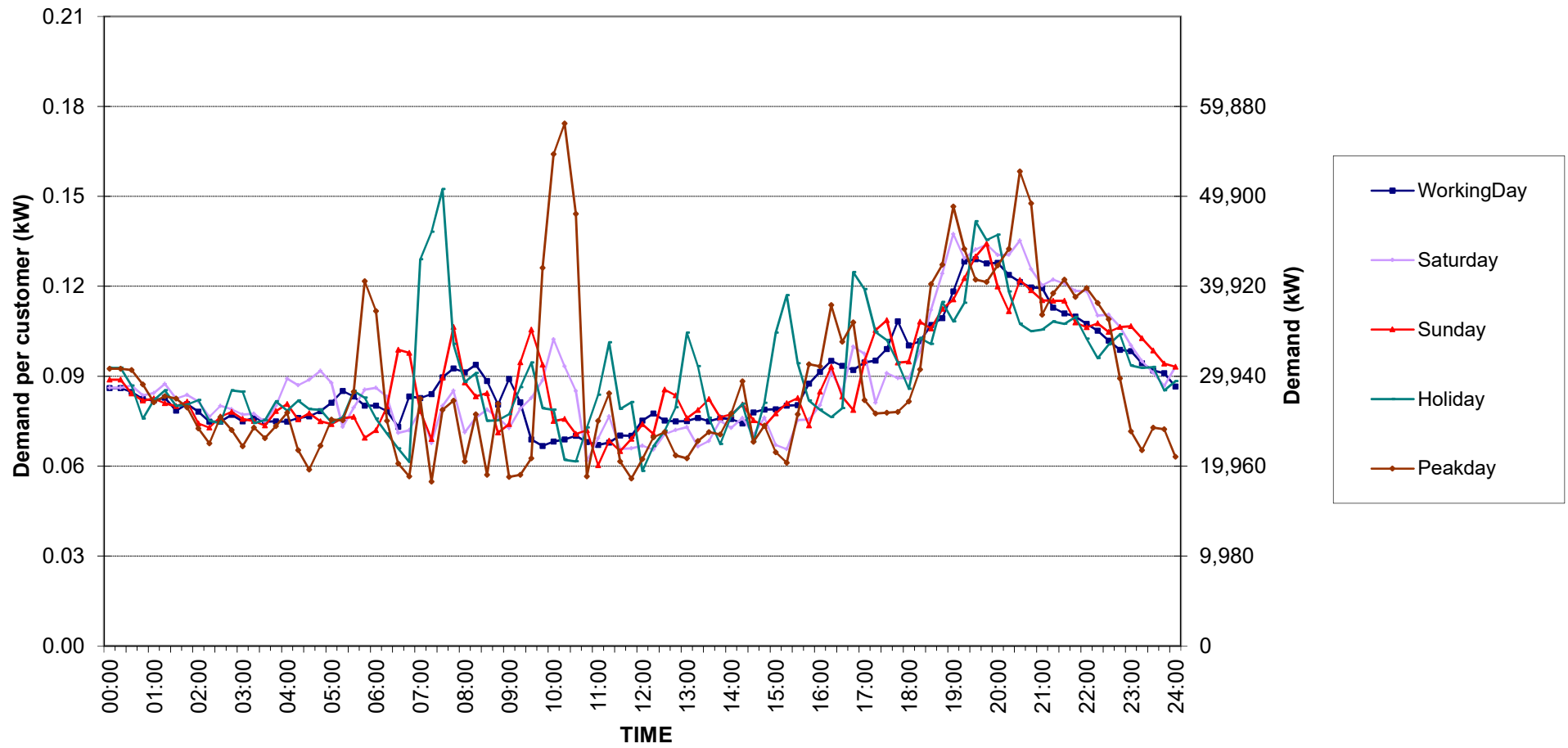
Number of sample customers on September, 2021

CLASS	Number of sample customers (Target)	Number of sample customers (Collected)
Residential	171	171
Small General Service	258	258
Medium General Service	165	165
Large General Service	284	284
Specific Business	74	74
Non-profit Organization	50	50
TOTAL	1,002	1,002

Residential (Energy Consumption less than 150 kWh per month)

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 52

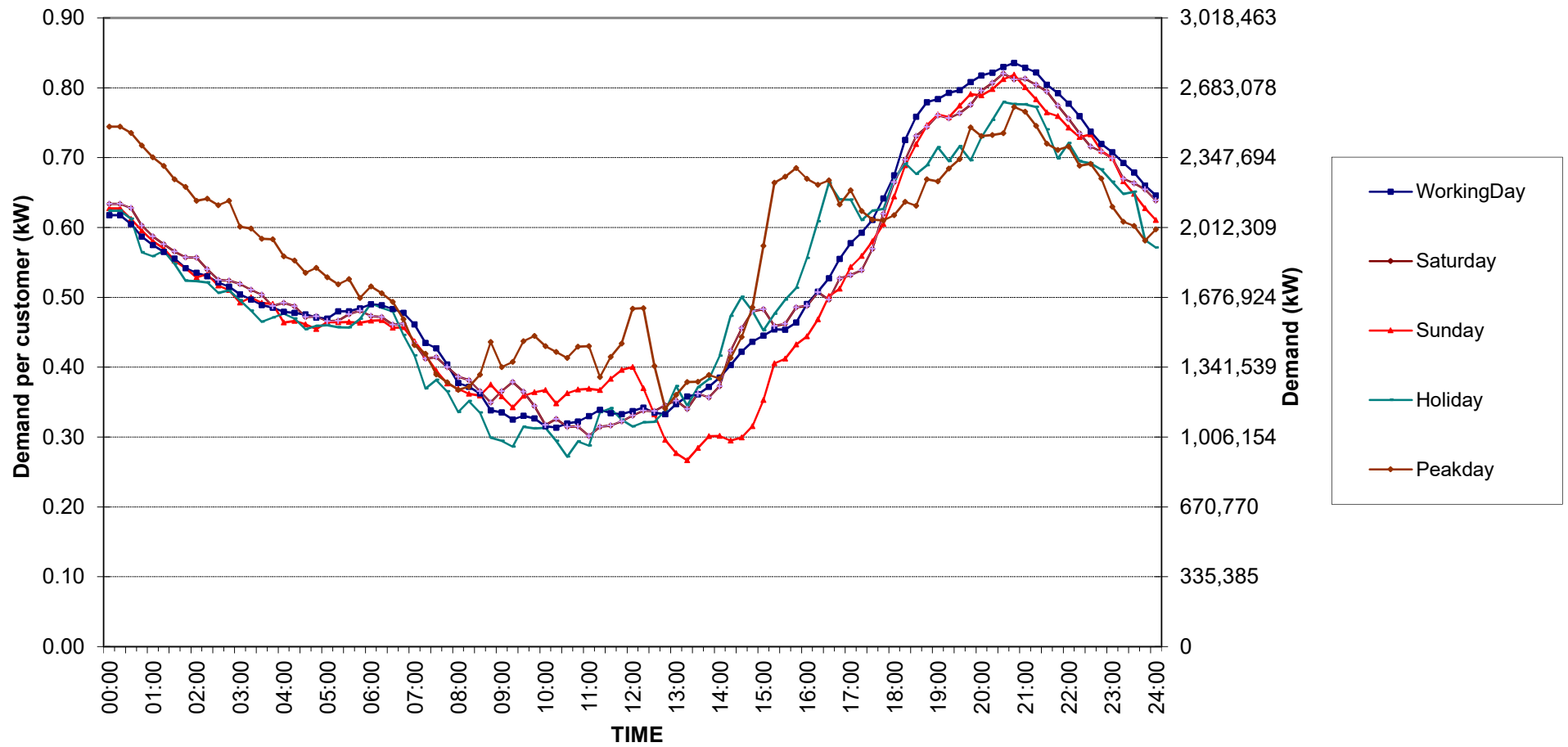


กราฟรูปที่ 1

Residential (Energy Consumption more than 150 kWh per month)

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 119

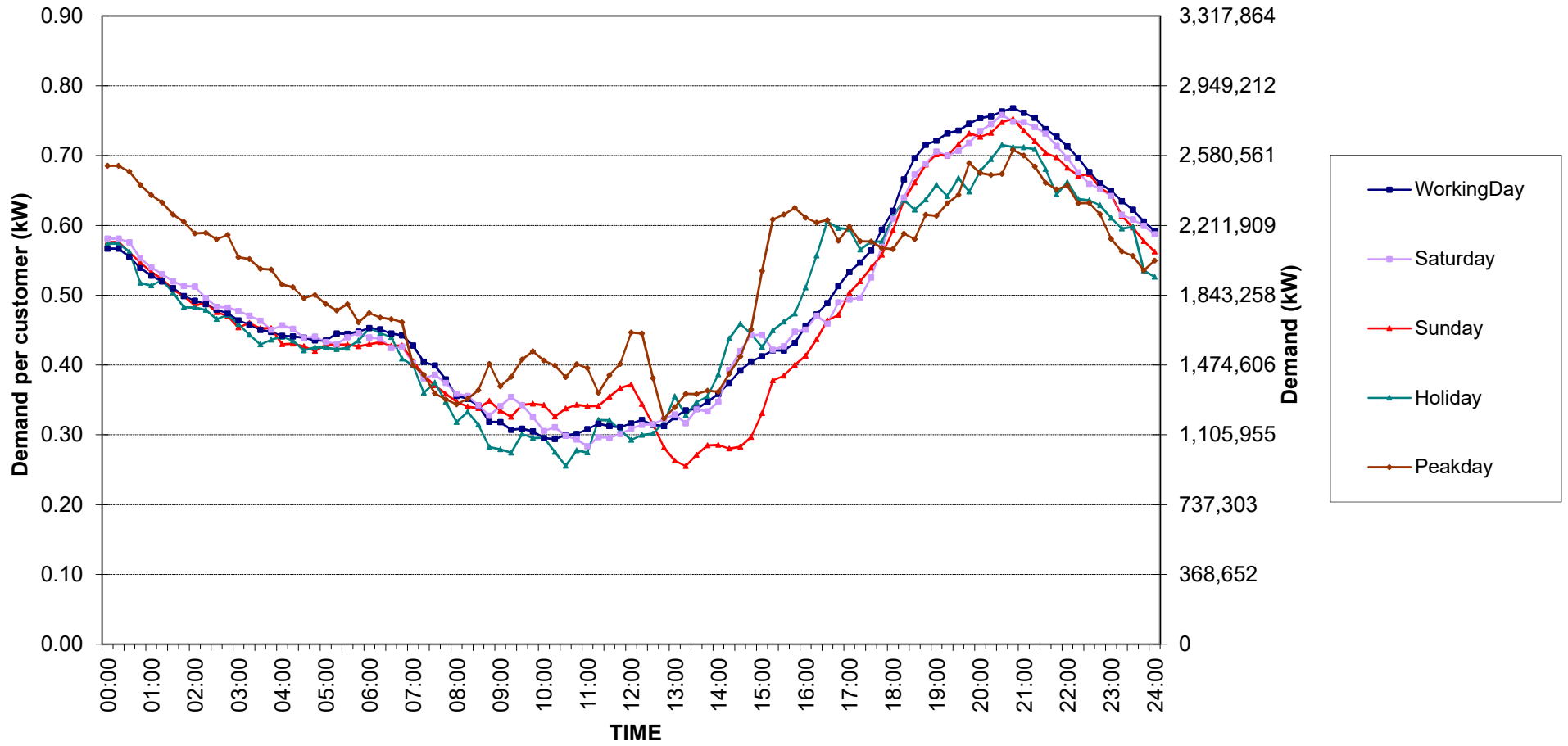


กราฟรูปที่ 2

Residential Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 171

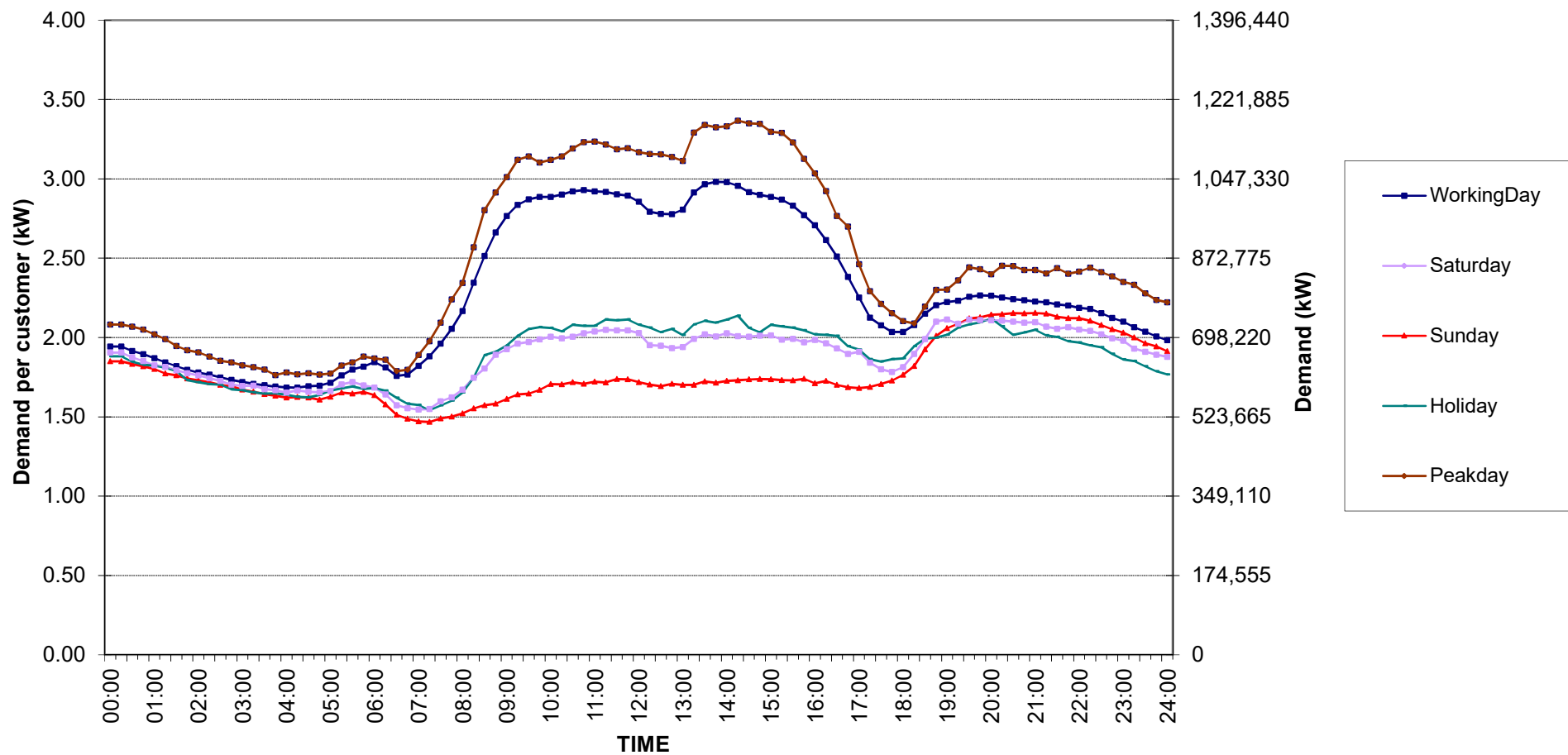


กราฟรูปที่ 3

Small General Services Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 258

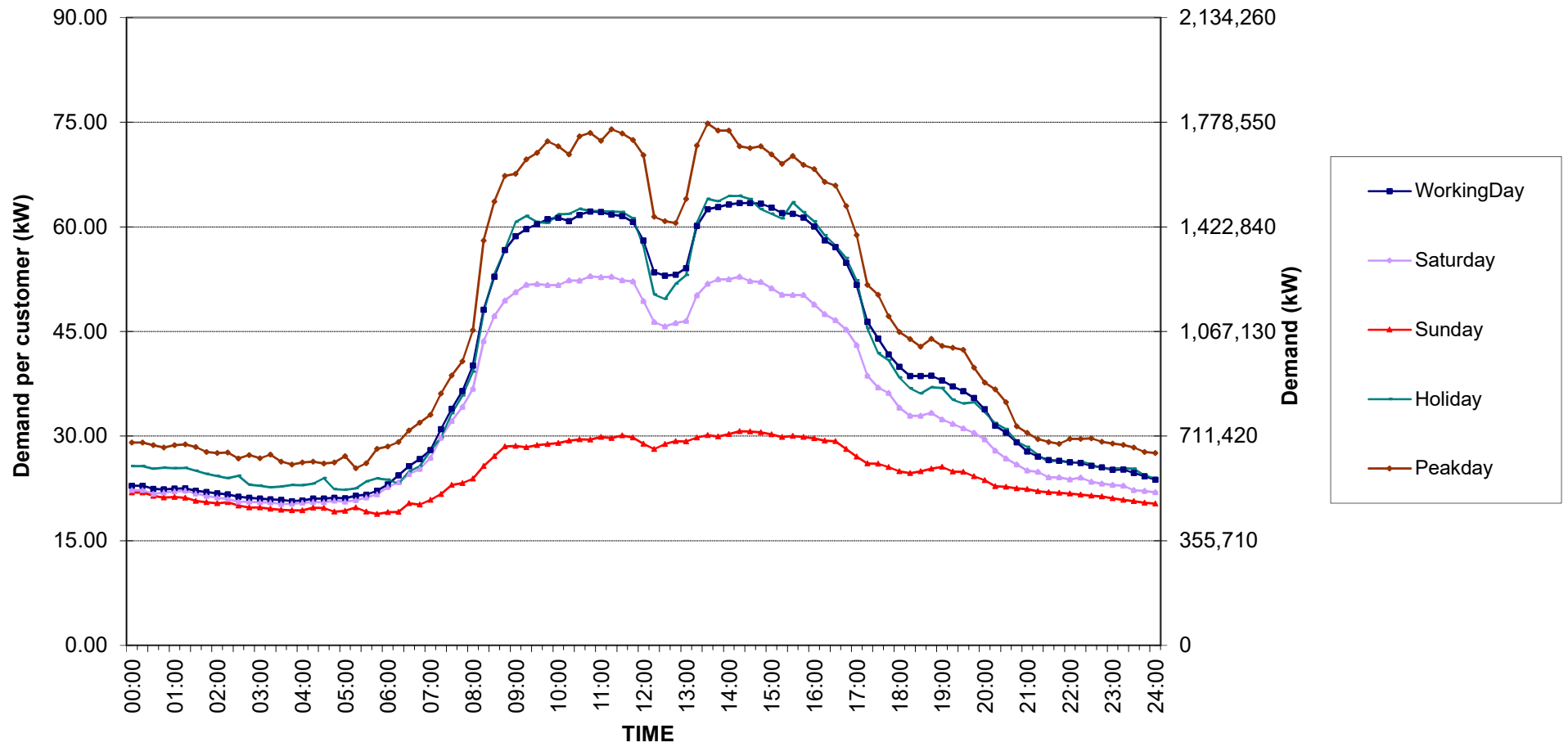


กราฟรูปที่ 4

Medium General Services Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 165

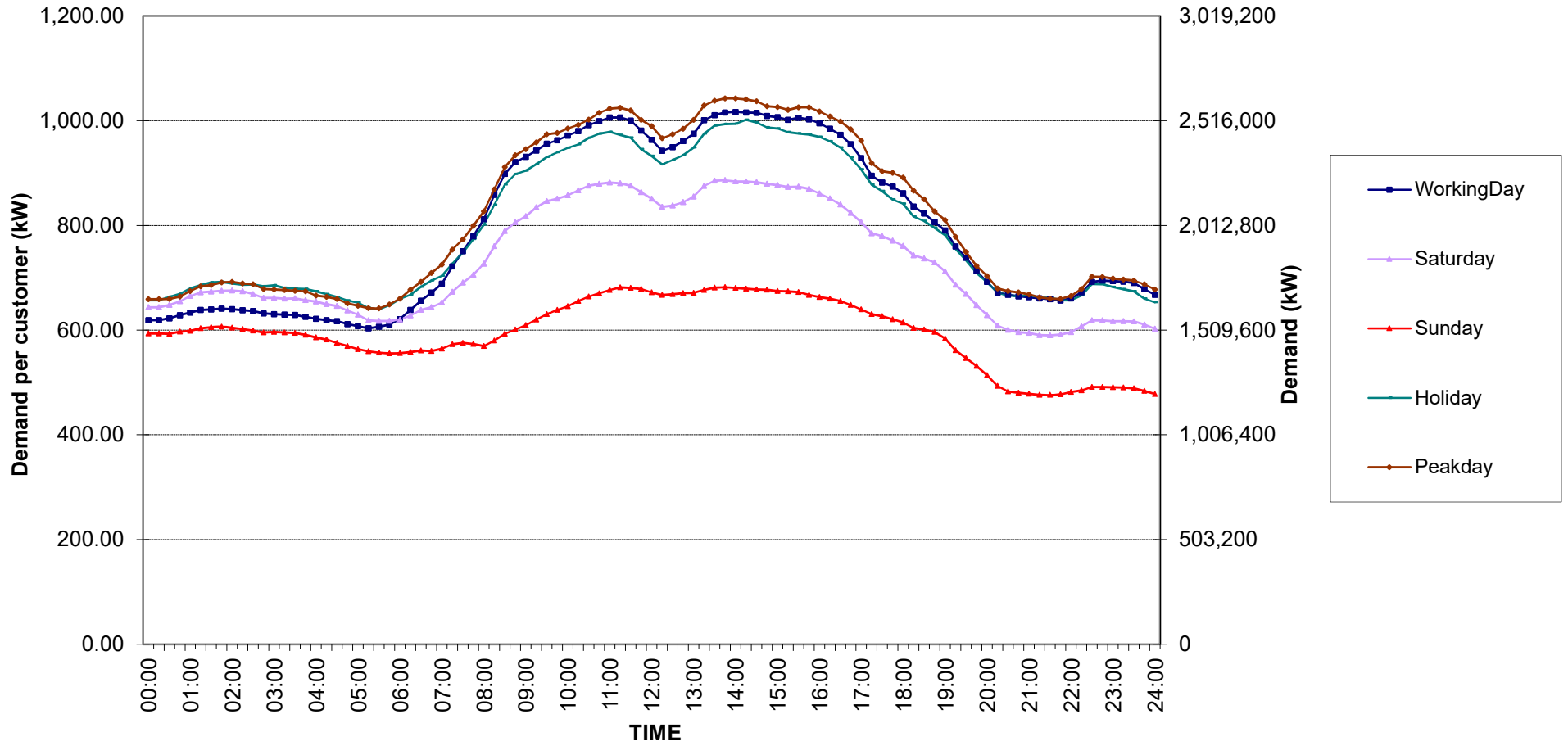


กราฟรูปที่ 5

Large General Services Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 284

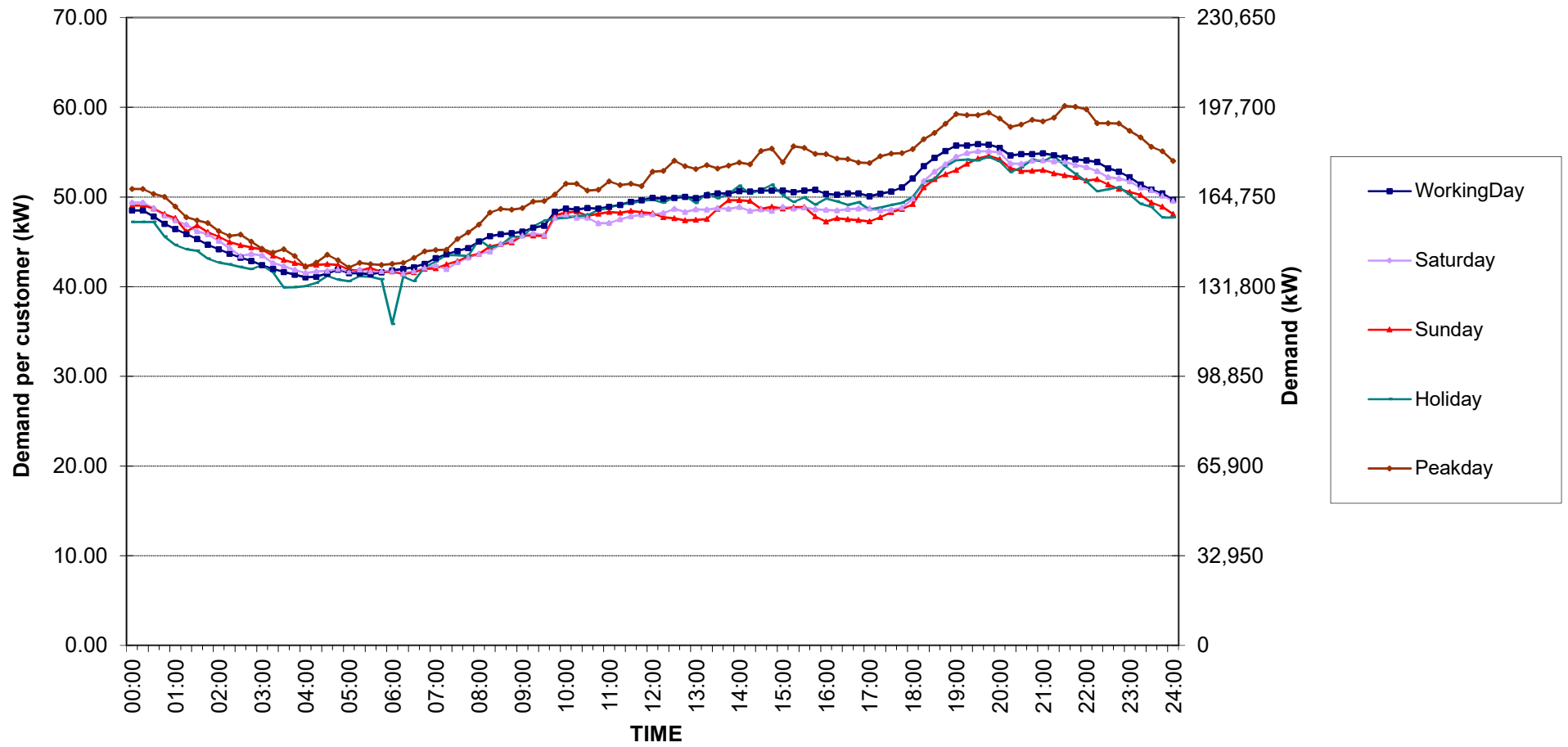


กราฟรูปที่ 6

Specific Business Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 74

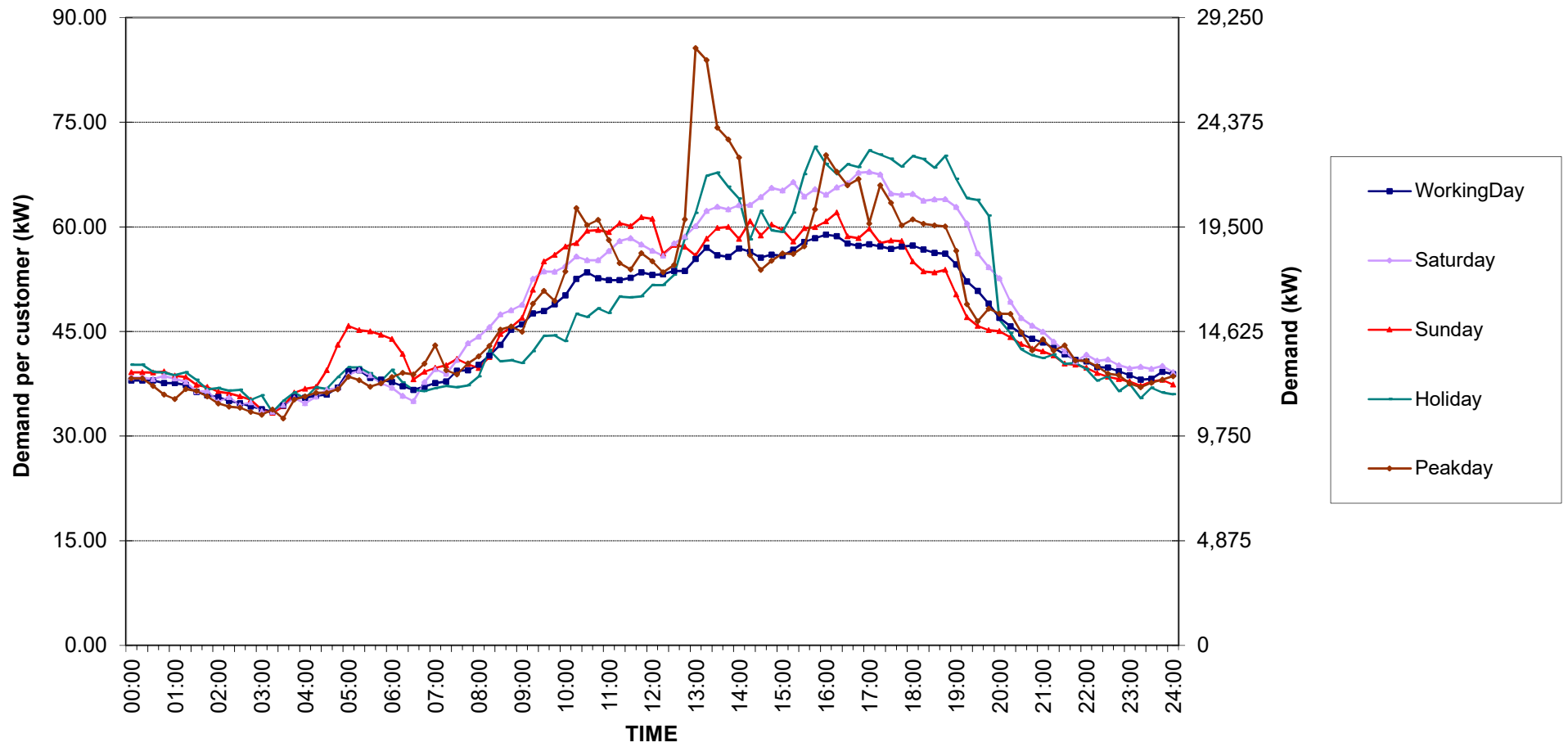


กราฟรูปที่ 7

Non-profit organizations Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 50

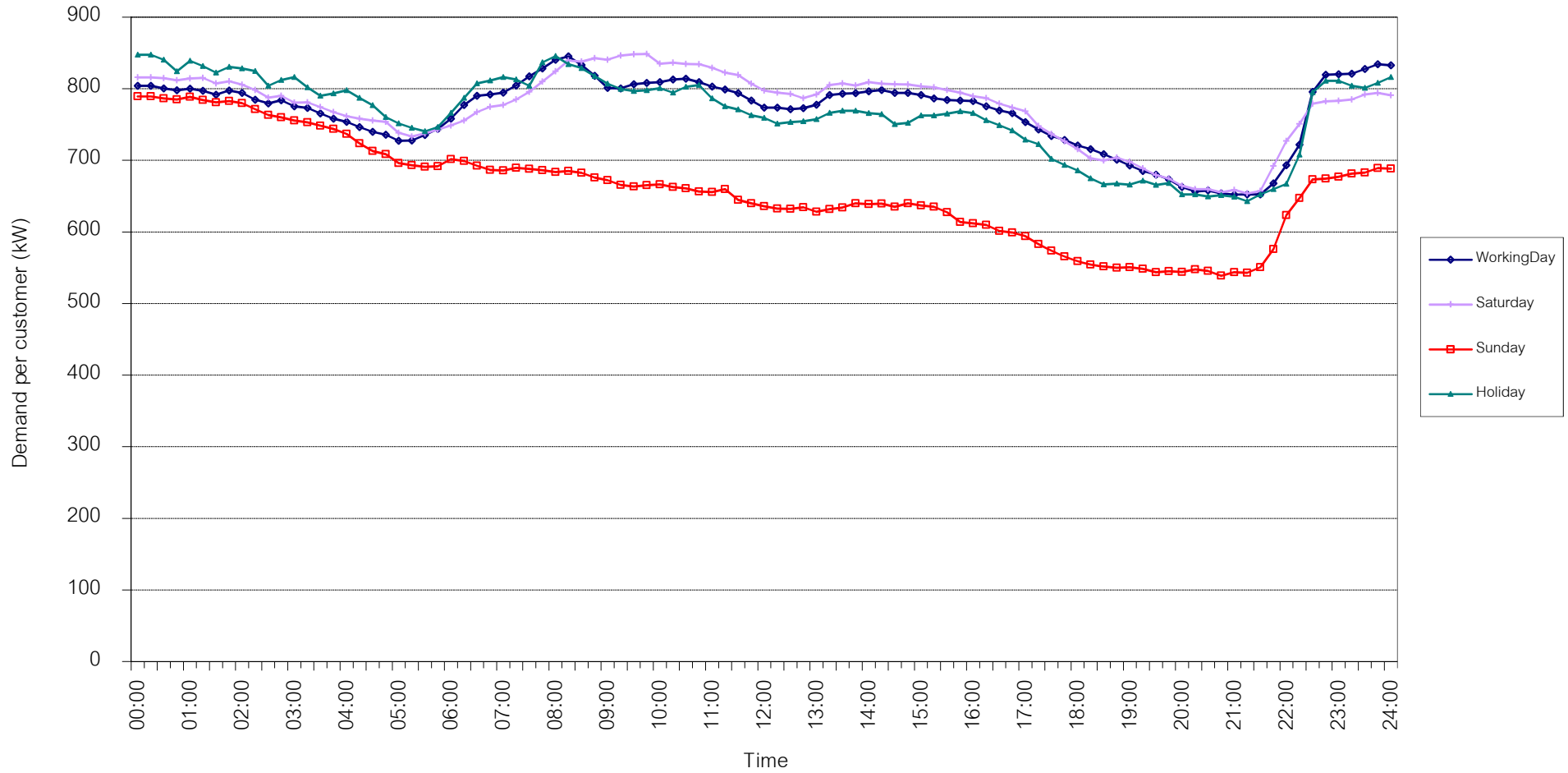


กราฟรูปที่ 8

TSIC 31 (Food Processing) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 32

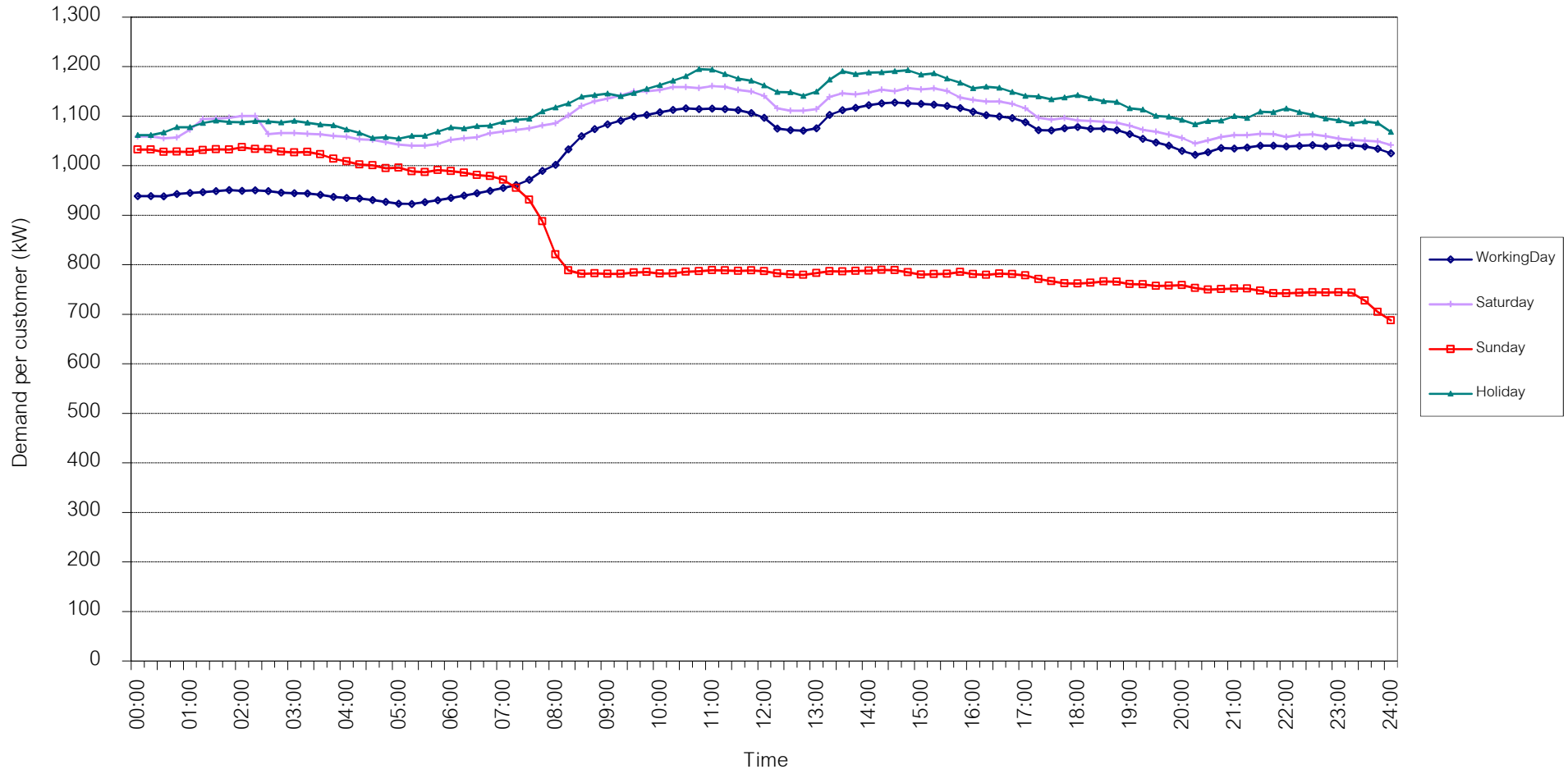


กราฟรูปที่ 9

TSIC 32 (Textiles) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 67

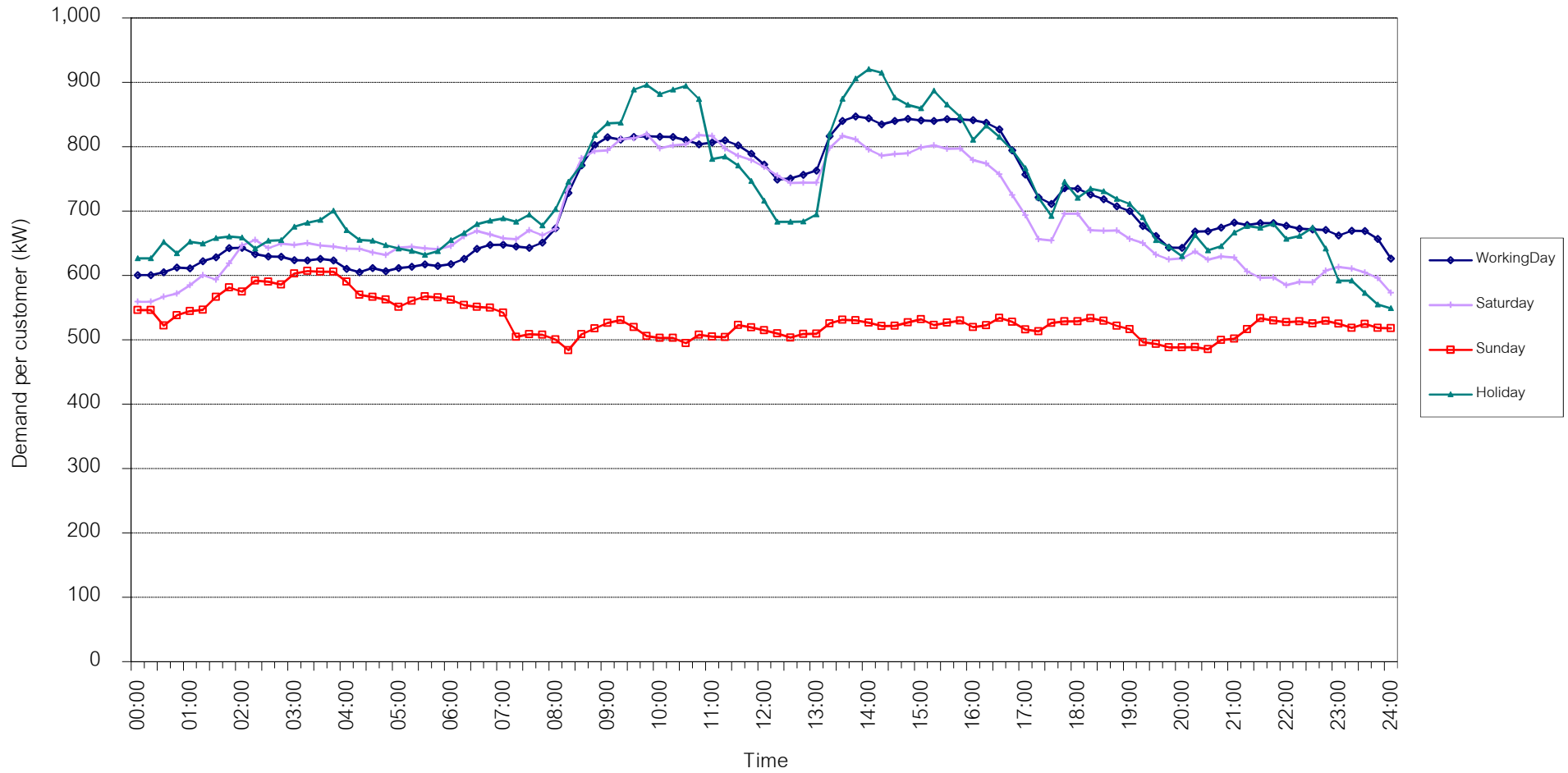


กราฟรูปที่ 10

TSIC 34 (Paper & Printing) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 12

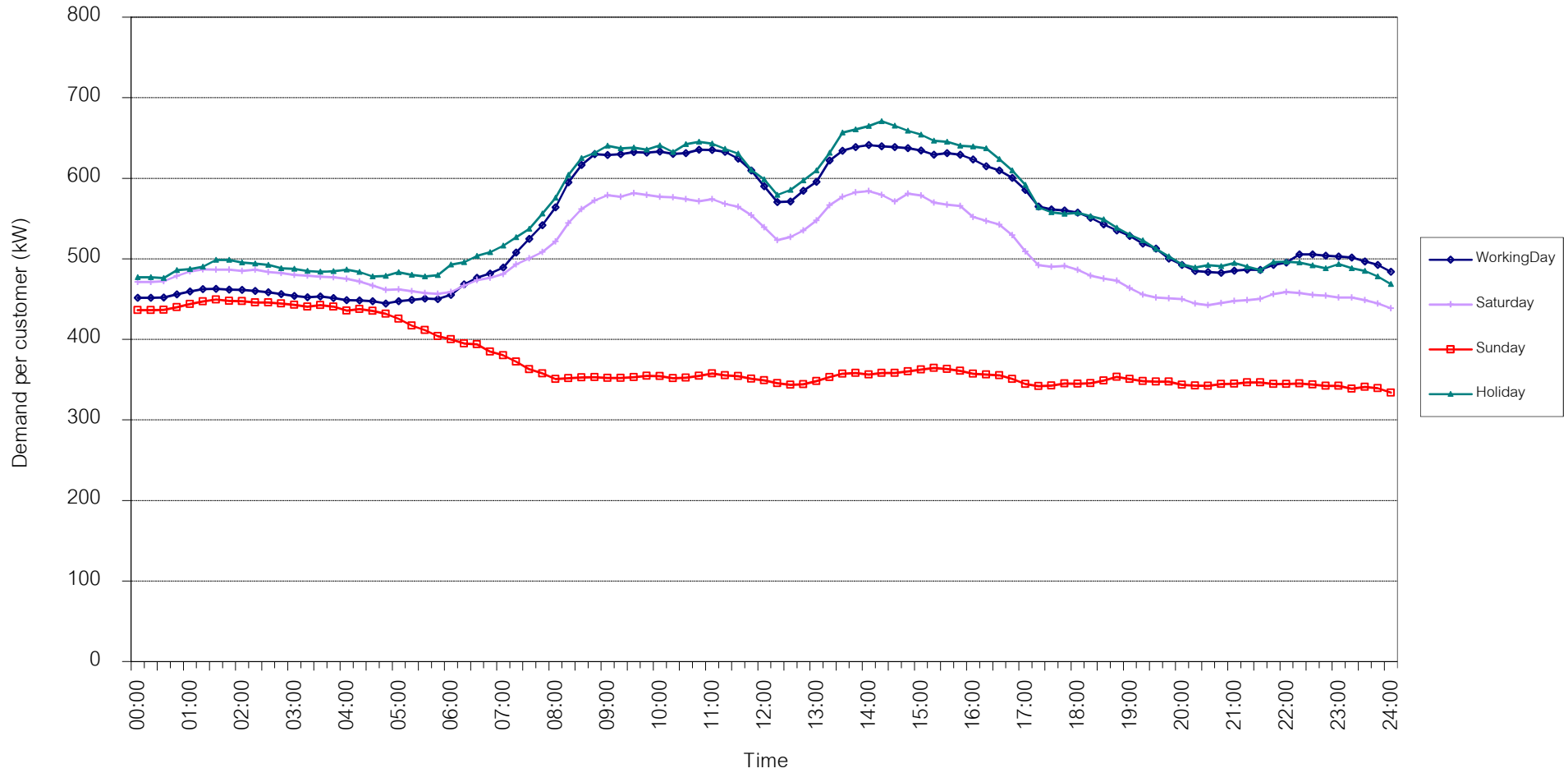


กราฟรูปที่ 11

TSIC 35 (Chemical & Petroleum) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 75

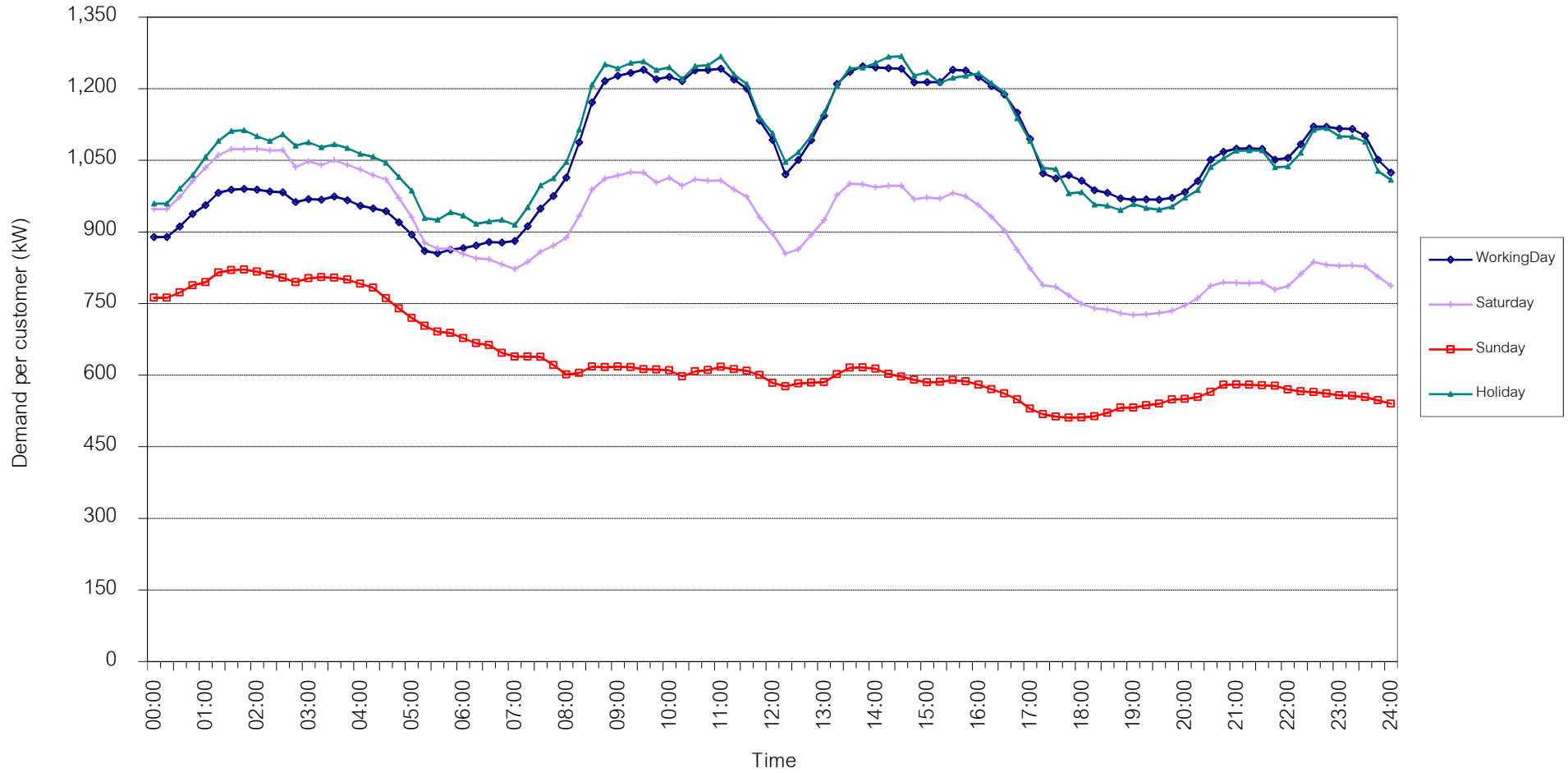


กราฟรูปที่ 12

TSIC 38 (Fabricated Metal Products) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 62

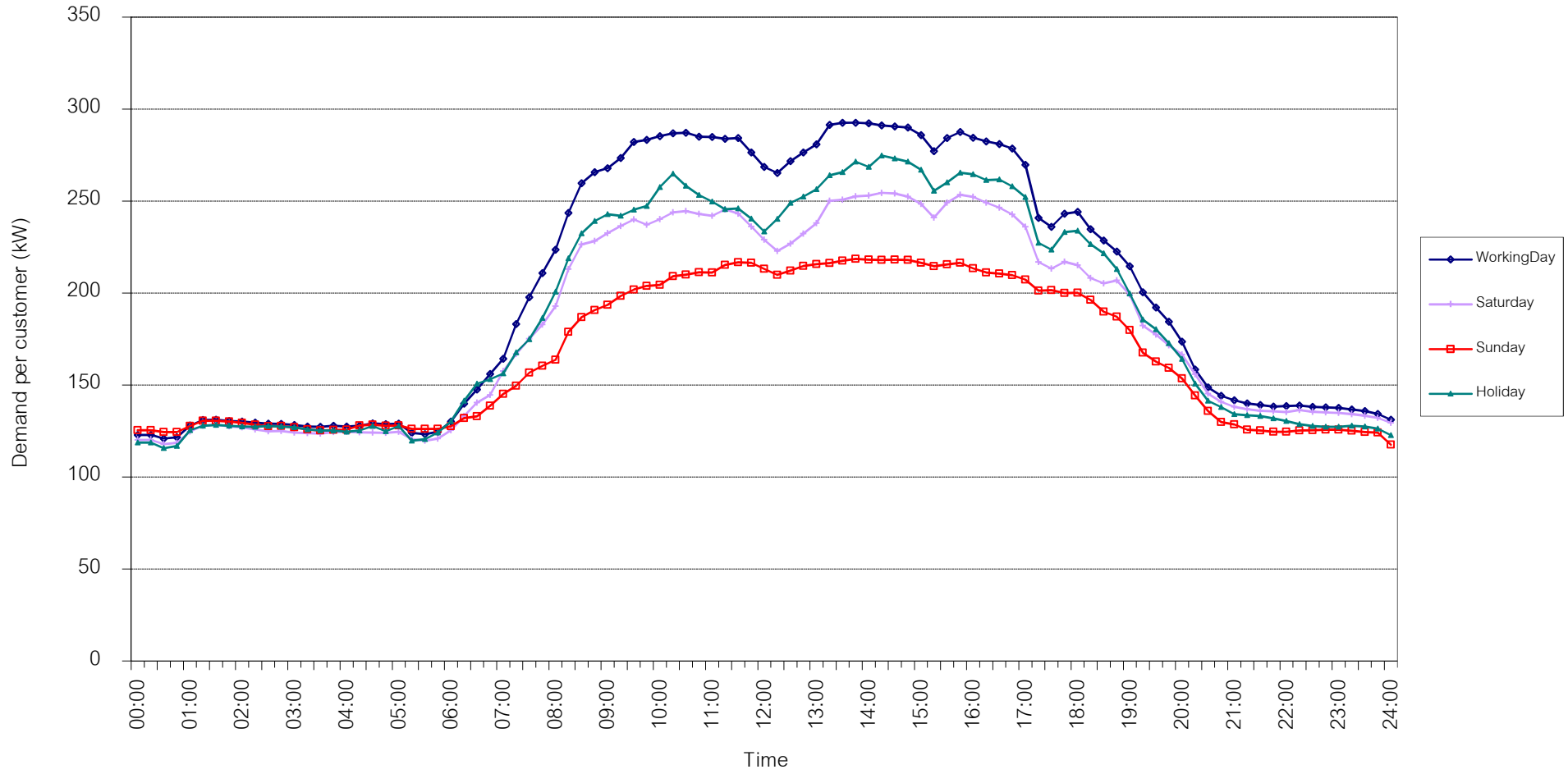


กราฟรูปที่ 13

TSIC 61 (Wholesale Trade) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 48

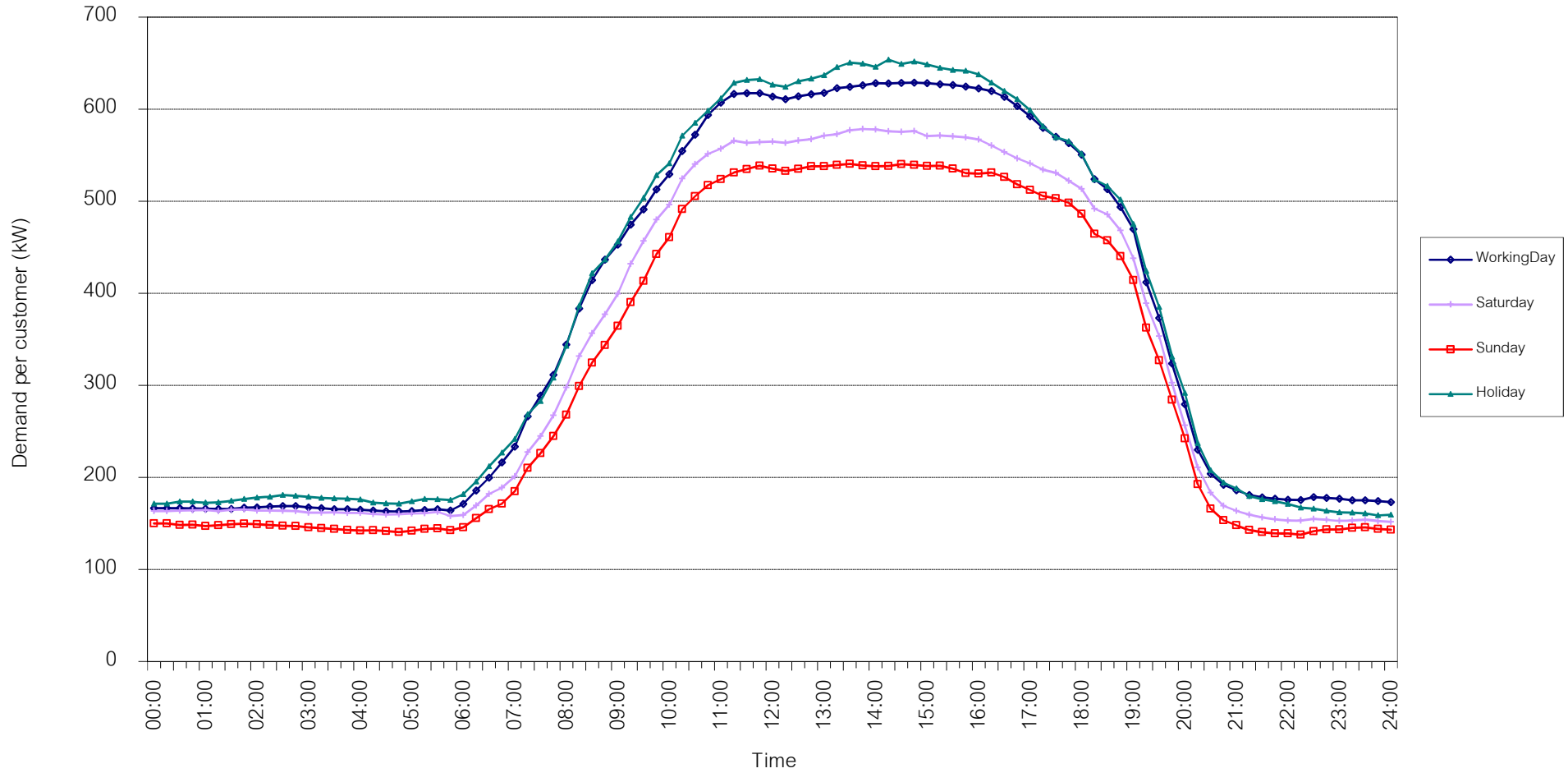


กราฟรูปที่ 14

TSIC 62 (Retail Trade) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 93

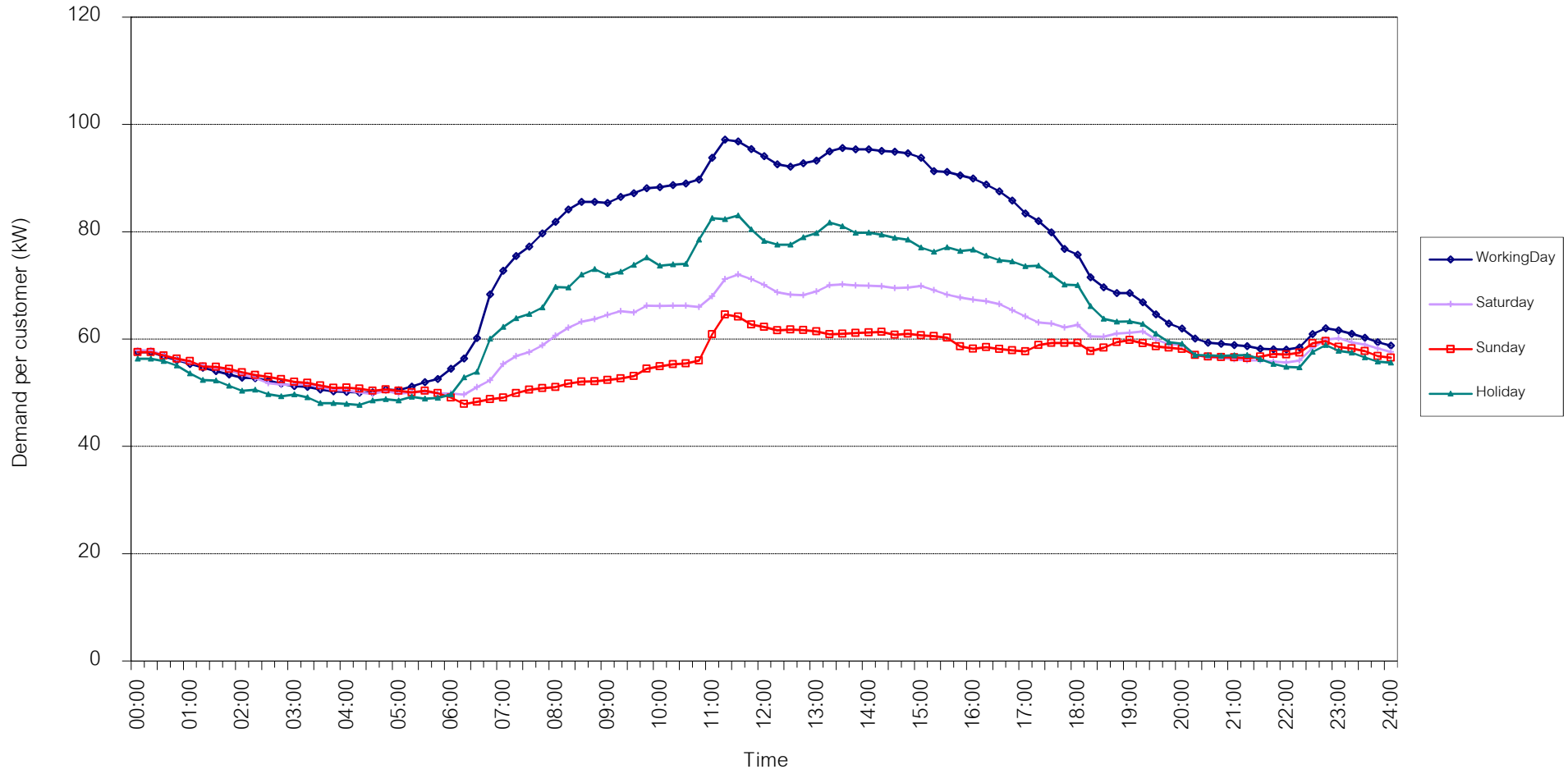


กราฟรูปที่ 15

TSIC 63 (Hotels and restaurants) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 117

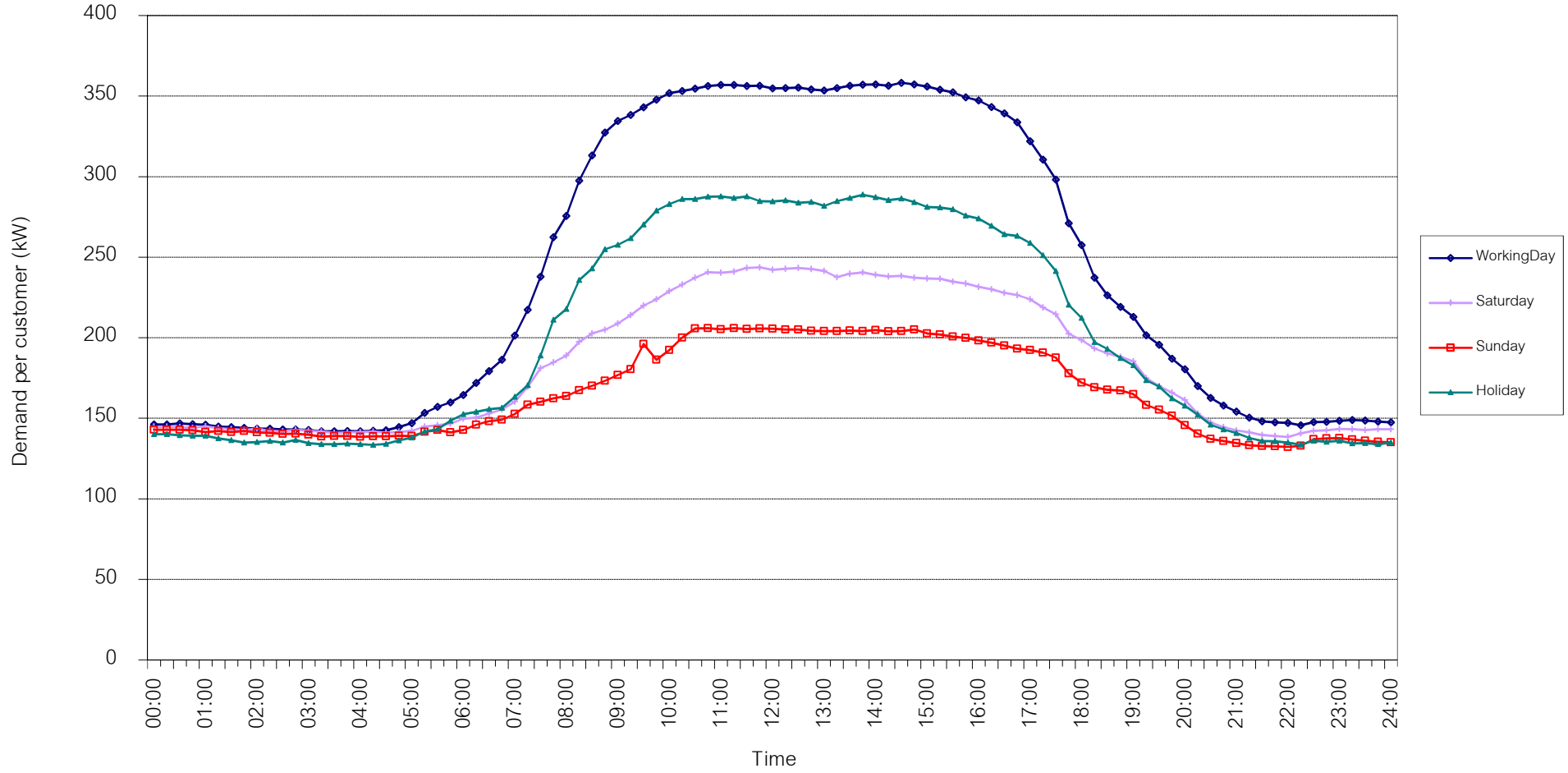


กราฟรูปที่ 16

TSIC 83 (Real Estate) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

Number of sample customers = 47

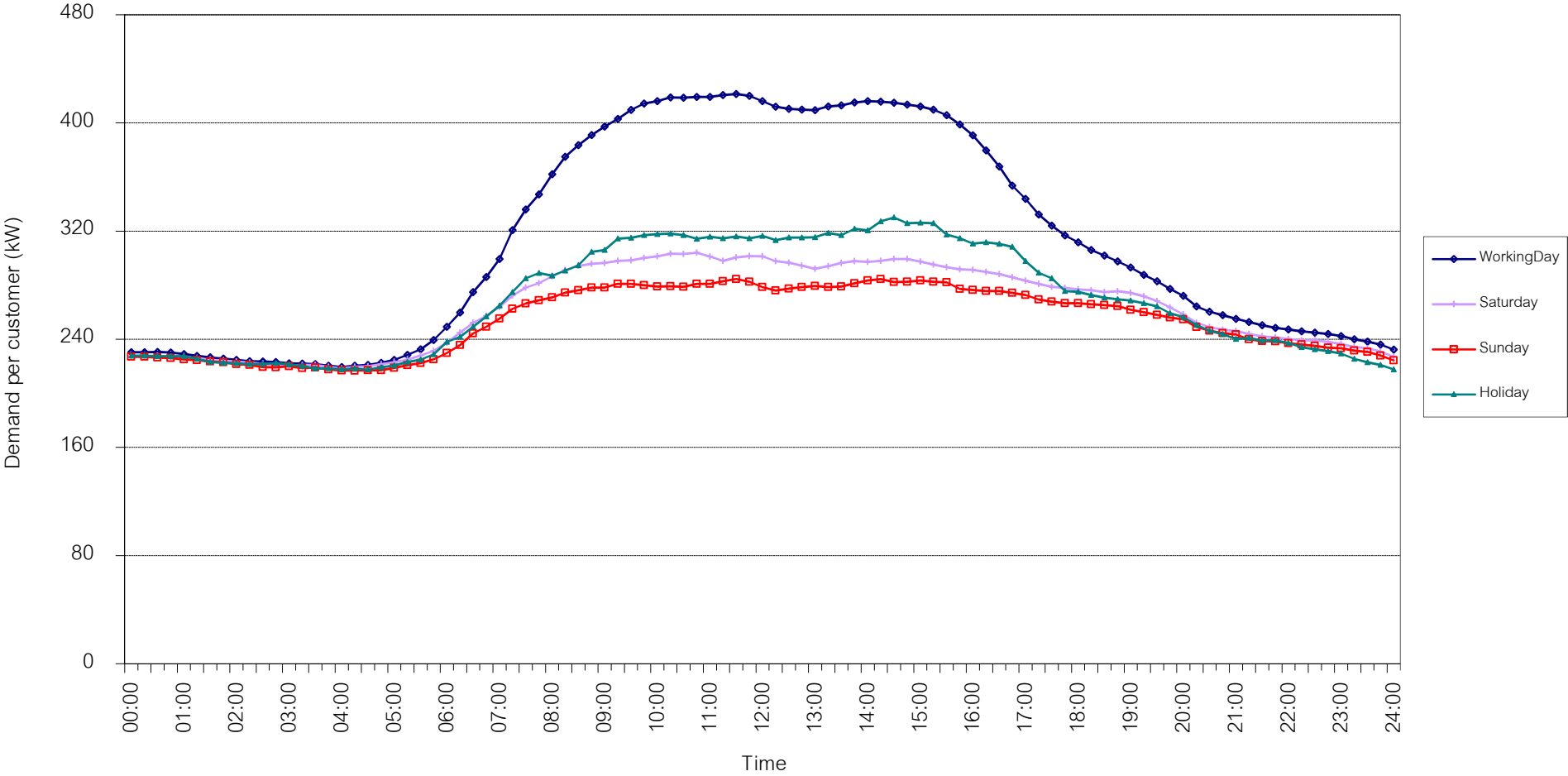


กราฟรูปที่ 17

TSIC 93 (Social Services) Load Profile

Date: 1 Sep 2021 to 30 Sep 2021

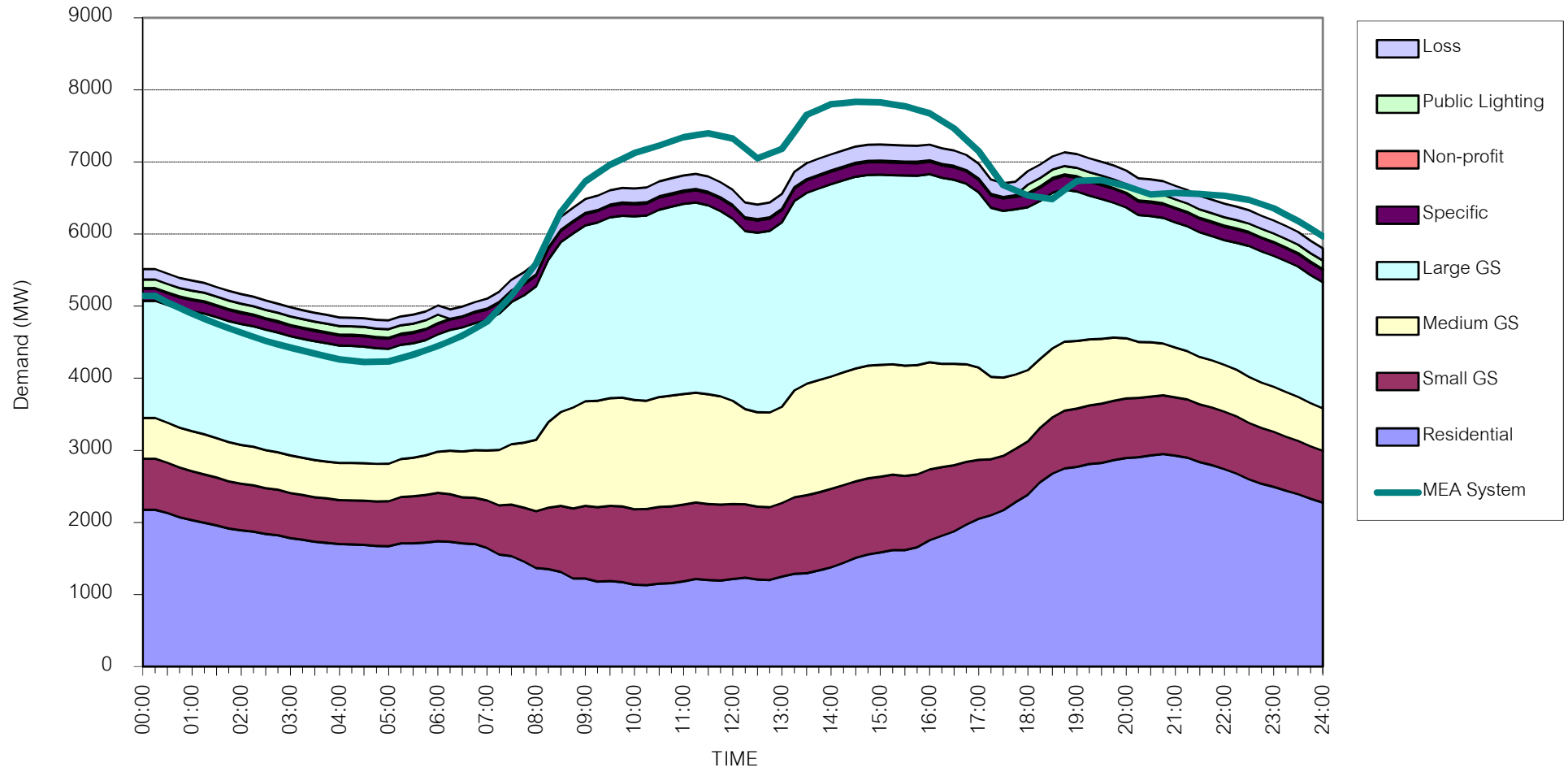
Number of sample customers = 27



กราฟรูปที่ 18

MEA's System Load Profile

Peak Day 13 Sep, 2021 at 14:30



กราฟรูปที่ 19