

ข้อมูลการศึกษาลักษณะการใช้ไฟฟ้า

เดือน สิงหาคม 2563

Table 1-1

COINCIDENT WITH LOAD RESEARCH SYSTEM'S PEAK ON August 28,2020 time 16:00 8,344.07 MW
 (MEA SYSTEM'S PEAK ON August 28,2020 time 14:00 8,263.27 MW)

CLASS	Number of Customers	Kilowatt hours	Coincident Peak (MEA System Peak at time 14:00)		Coincident Peak (Load Research System Peak at time 16:00)		Sector Diversified Demand		
			MW	Contribution (%)	MW	Contribution (%)	Max MW.	Date	Time
Residential	3,623,163	1,343,682,986	1,910.71	23.34	2,538.27	30.42	3,338.52	27 Aug 20	22:00
Small General Service	329,505	599,156,981	1,120.96	13.69	1,052.95	12.62	1,175.93	28 Aug 20	13:45
Medium General Service	24,019	717,261,094	1,636.76	20.00	1,420.63	17.03	1,785.58	26 Aug 20	14:00
Large General Service	2,488	1,442,507,673	2,938.38	35.90	2,780.43	33.32	2,850.48	25 Aug 20	14:00
Specific Business	3,517	136,147,896	231.71	2.83	223.46	2.68	236.81	25 Aug 20	21:45
Non Profit Organization	324	11,509,134	28.24	0.34	29.20	0.35	31.20	27 Aug 20	15:30
Public Lighting	-	43,179,851	0.00	0.00	0.00	0.00	116.09	-	-
Loss	-	173,769,735	318.50	3.89	299.13	3.58	318.50	28 Aug 20	14:00
TOTAL	3,983,016	4,467,215,350	8,185.26	100.00	8,344.07	100.00	8,344.07	28 Aug 20	16:00

Table 1-2

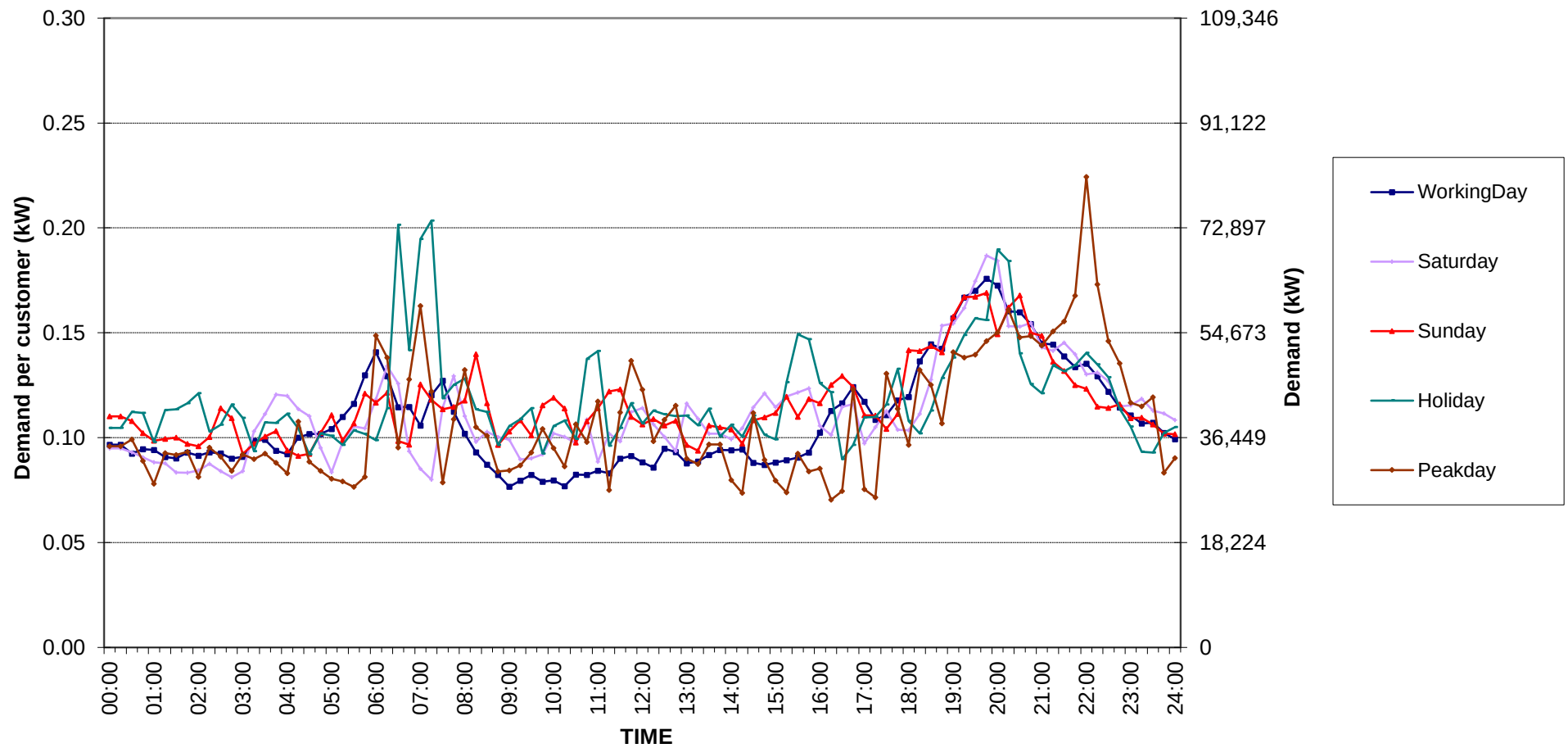
Number of sample customers on August, 2020

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 August, 2020 to 31 August, 2020

Number of sample customers = 52

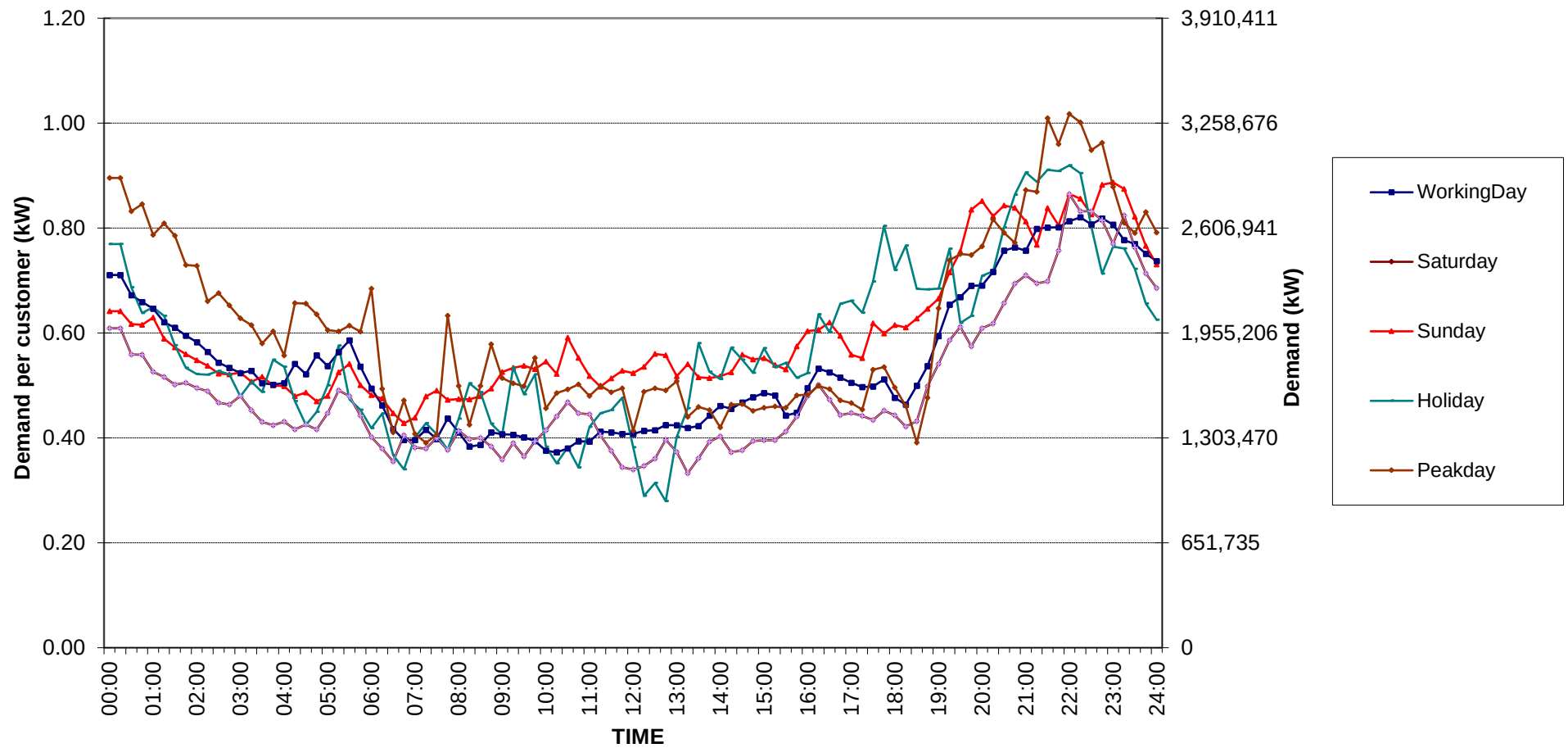


กราฟรูปที่ 1

Residential (Energy Consumption more than 150 kWh per month)

Date: 1 August, 2020 to 31 August, 2020

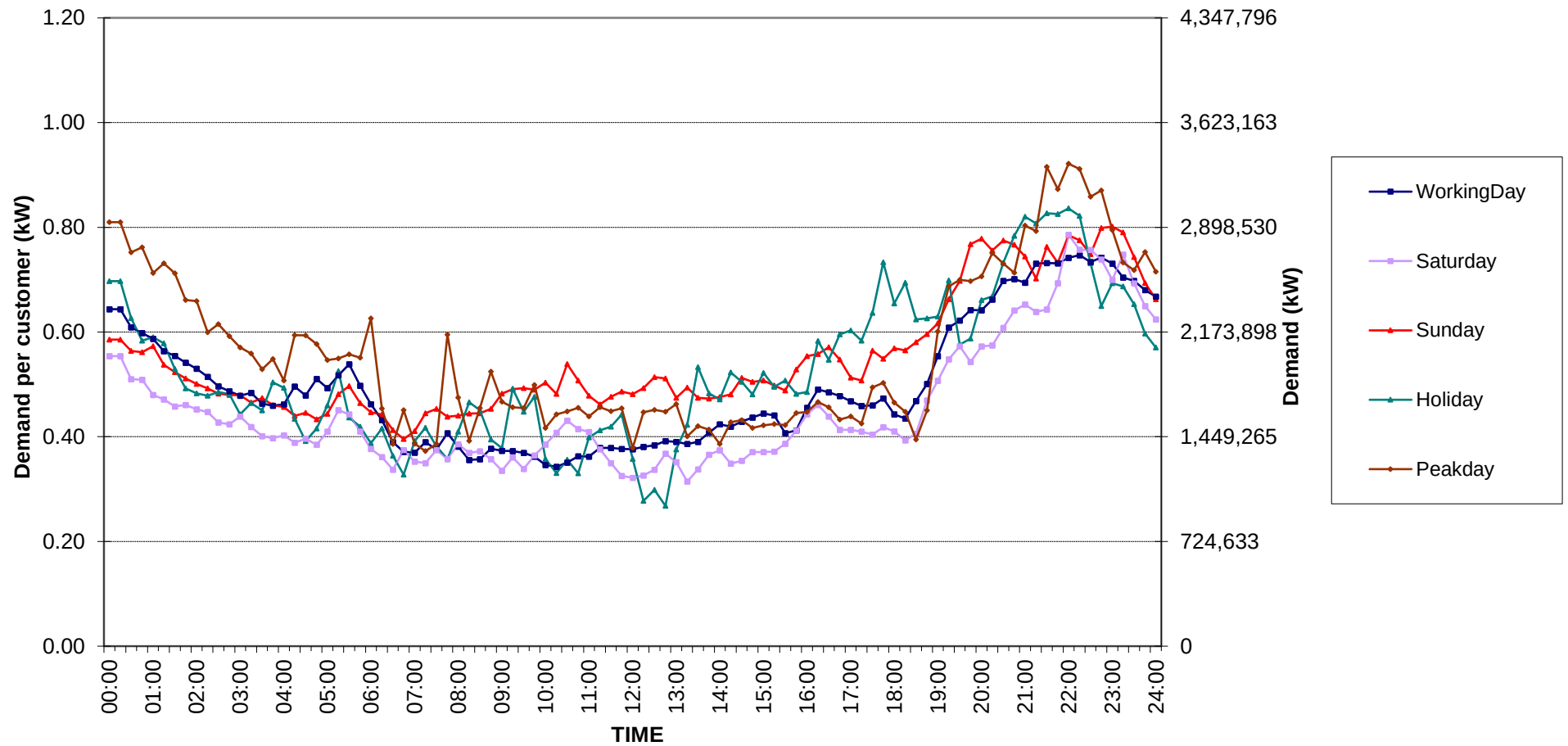
Number of sample customers = 119



Residential Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 171

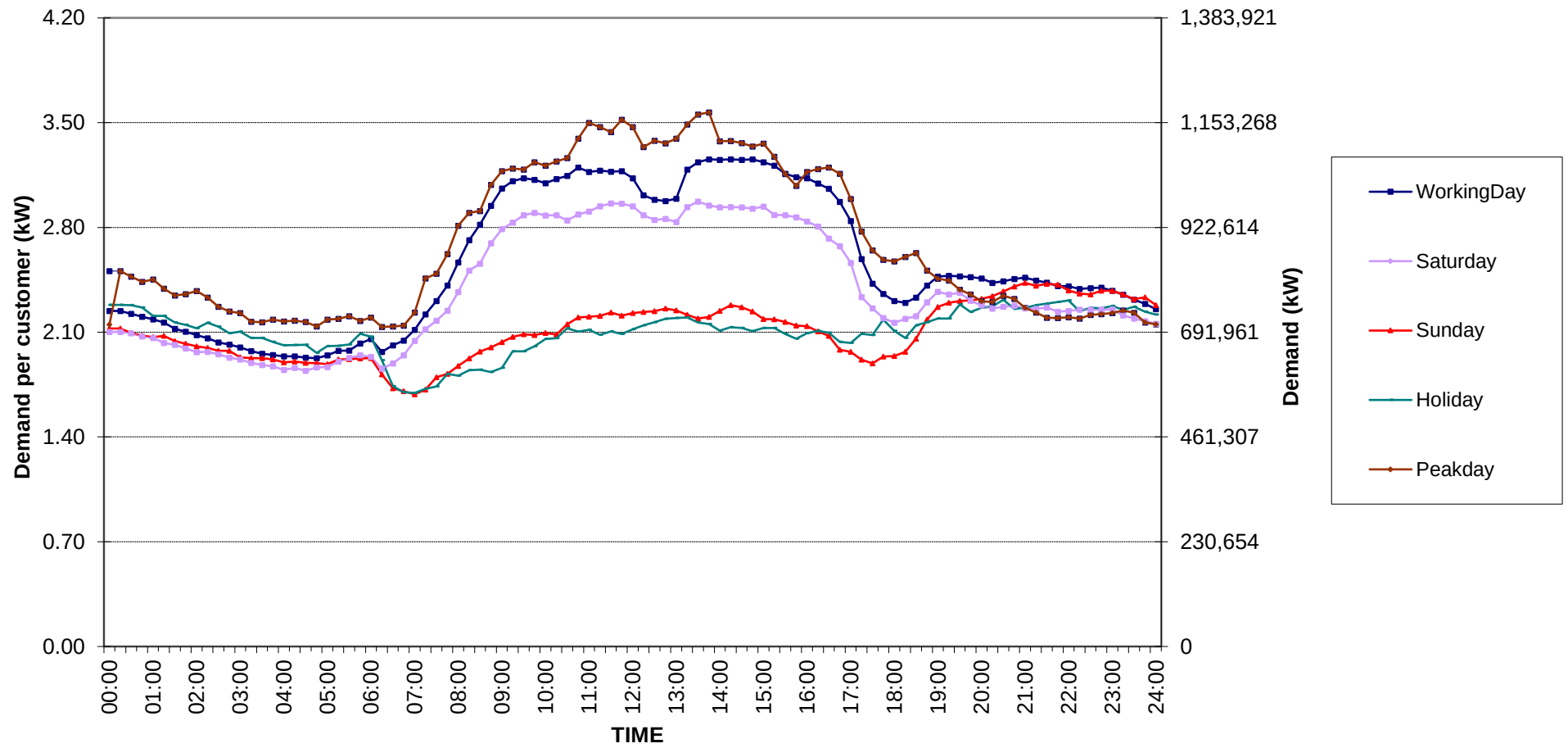


กราฟรูปที่ 3

Small General Services Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 258

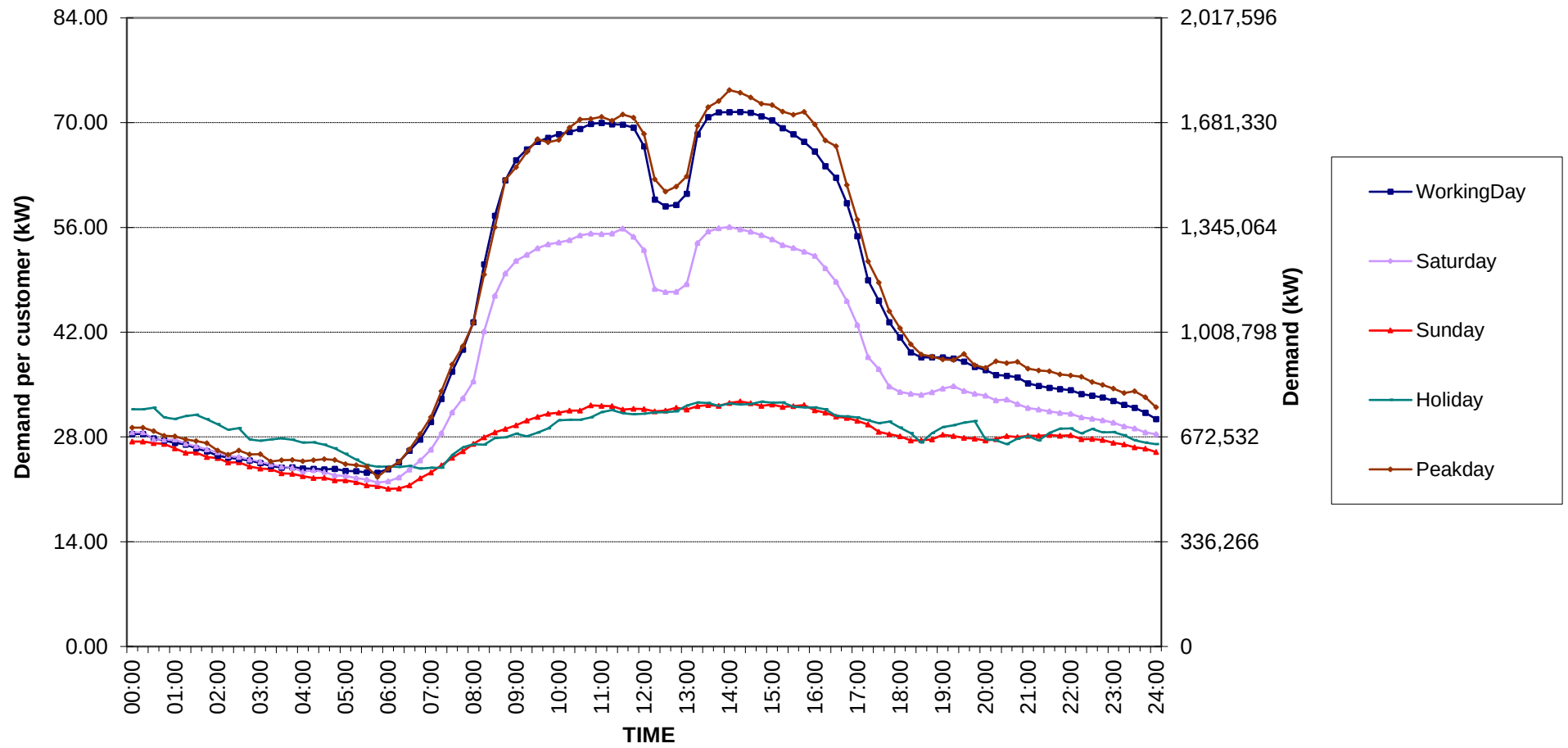


กราฟรูปที่ 4

Medium General Services Load Profile

Date: 1 August, 2020 to 31 August, 2020

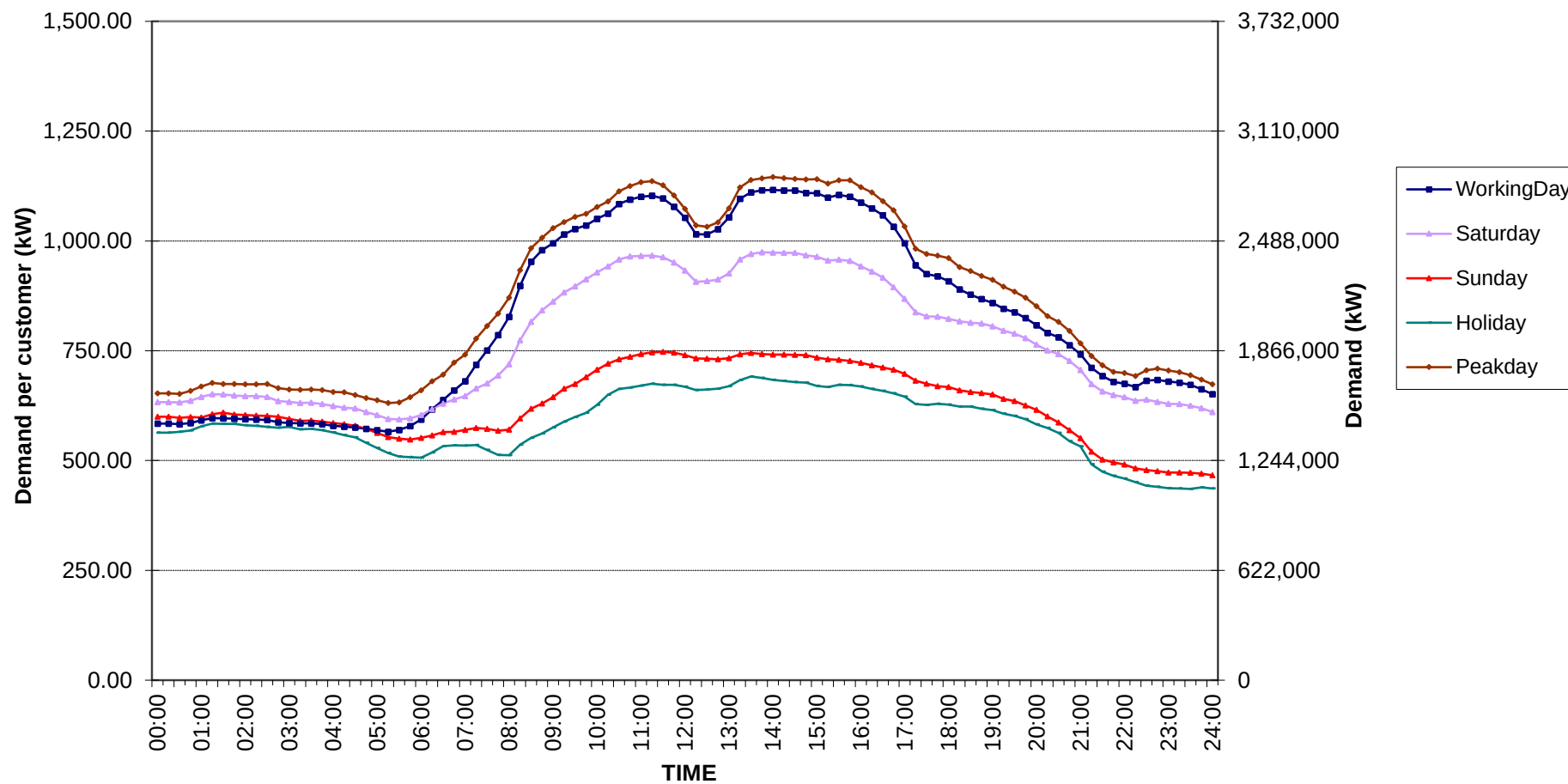
Number of sample customers = 165



Large General Services Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 284

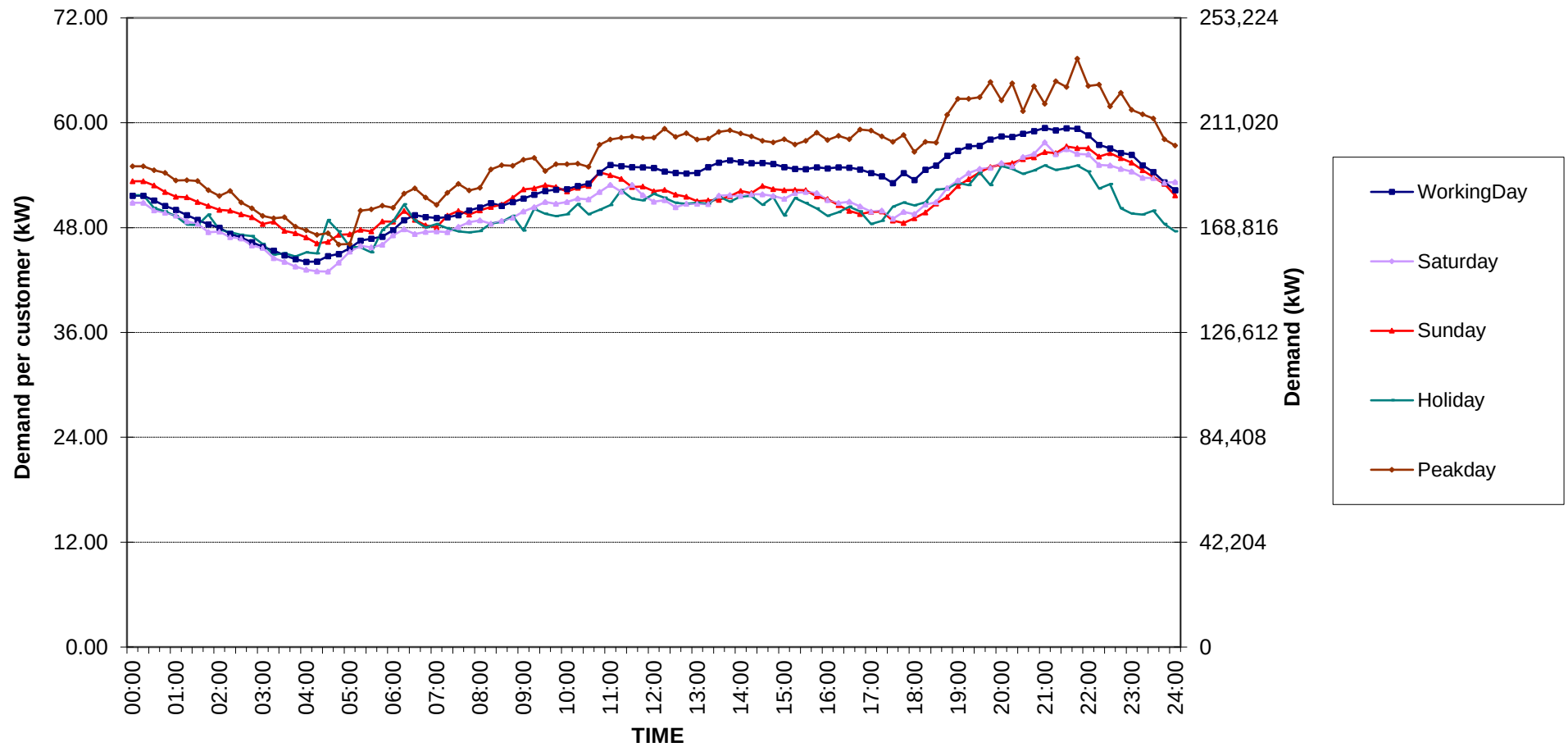


กราฟรูปที่ 6

Specific Business Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 74

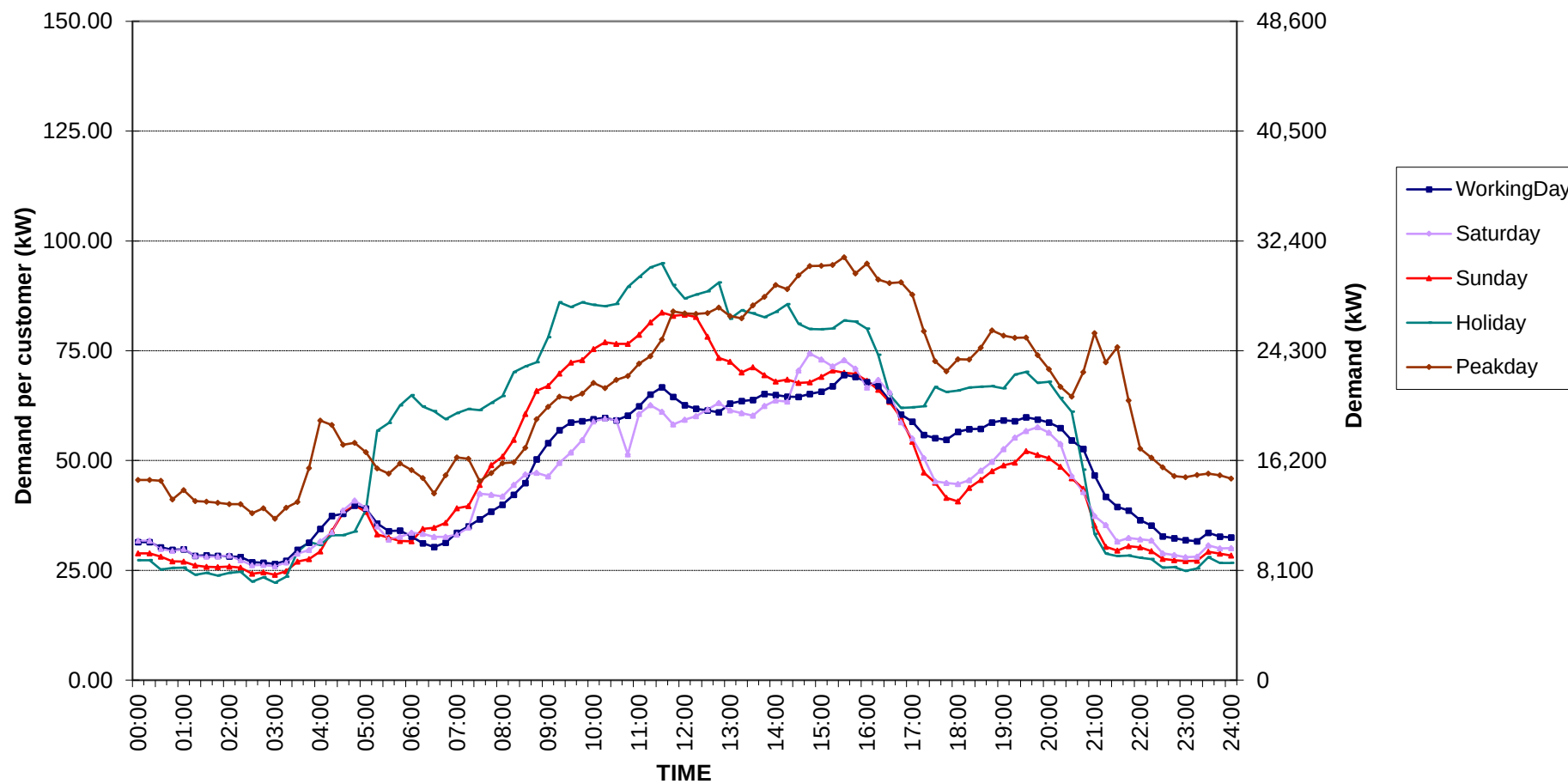


กราฟรูปที่ 7

Non-profit organizations Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 50

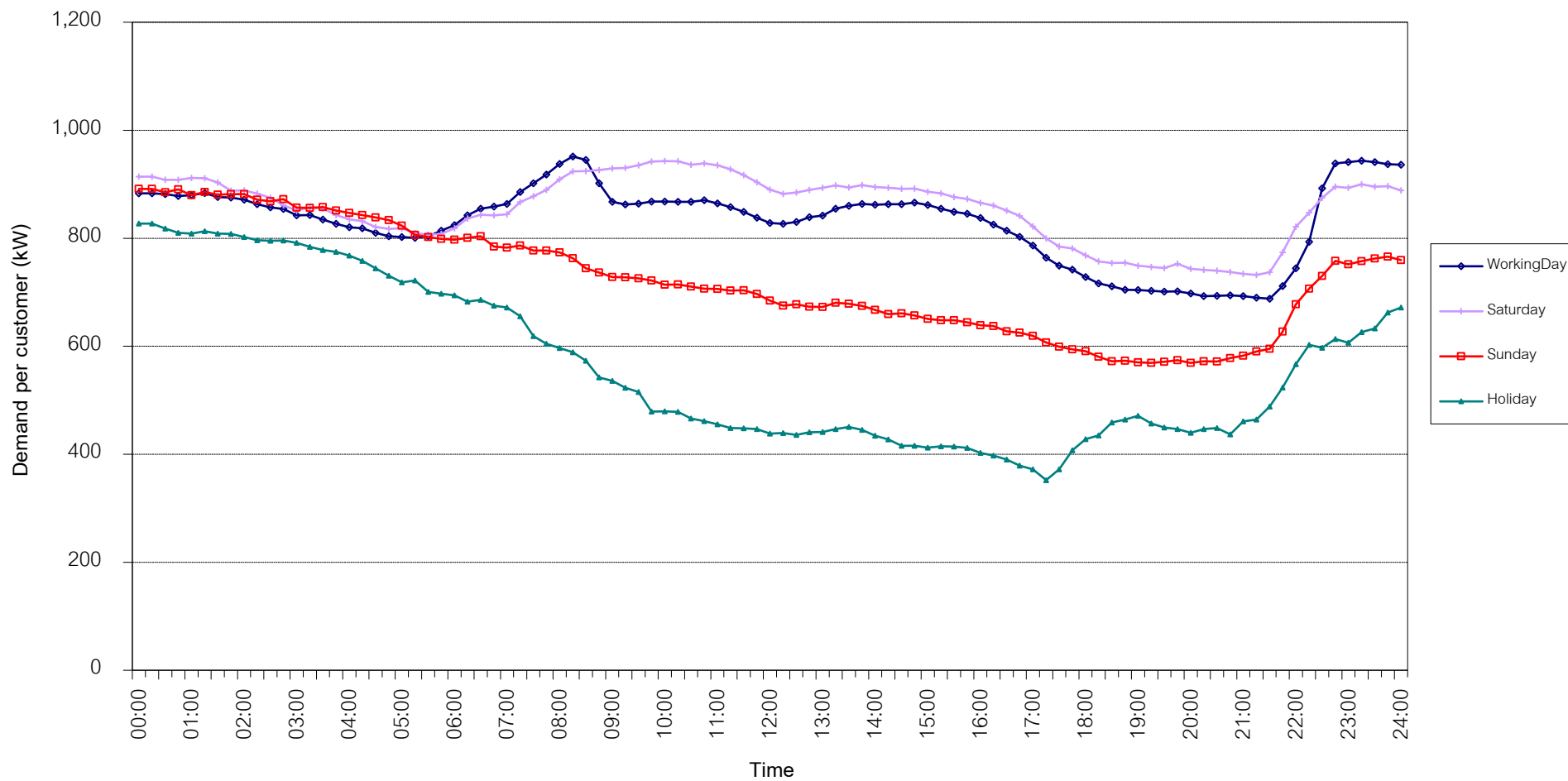


กราฟรูปที่ 8

TSIC 31 (Food Processing) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 32

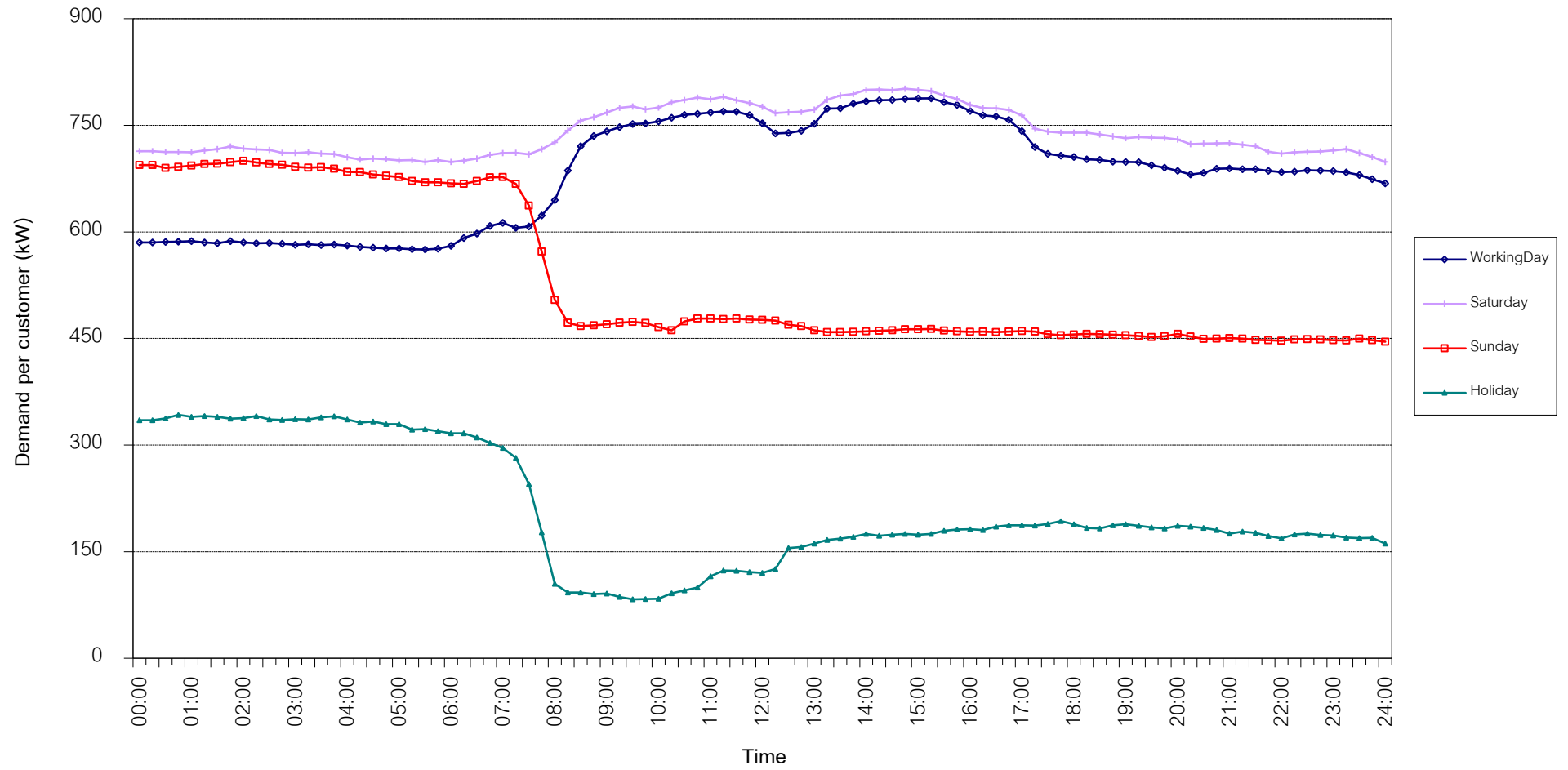


กราฟรูปที่ 9

TSIC 32 (Textiles) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 67

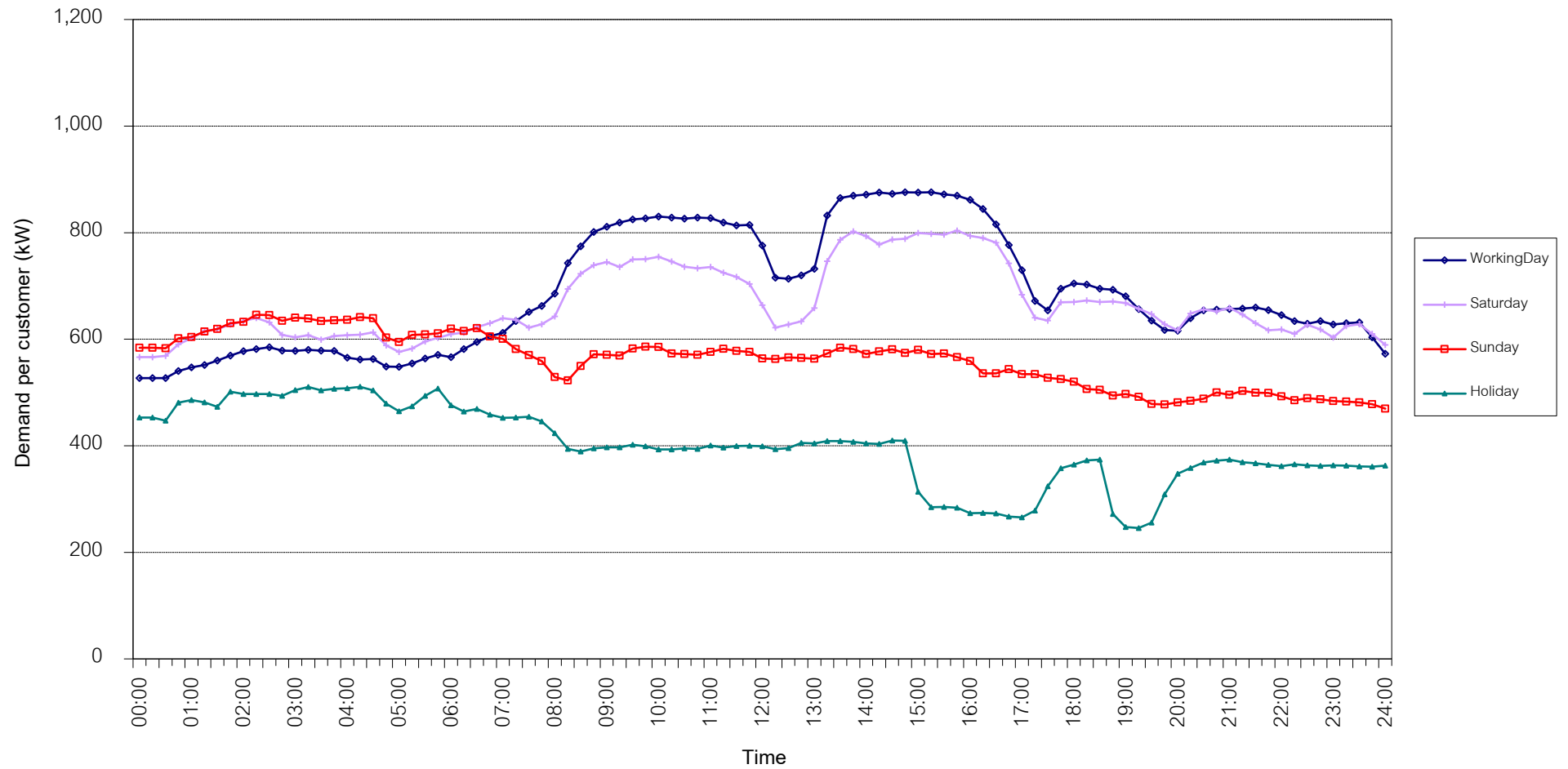


กราฟรูปที่ 10

TSIC 34 (Paper & Printing) Load Profile

Date: 1 August, 2020 to 31 August, 2020

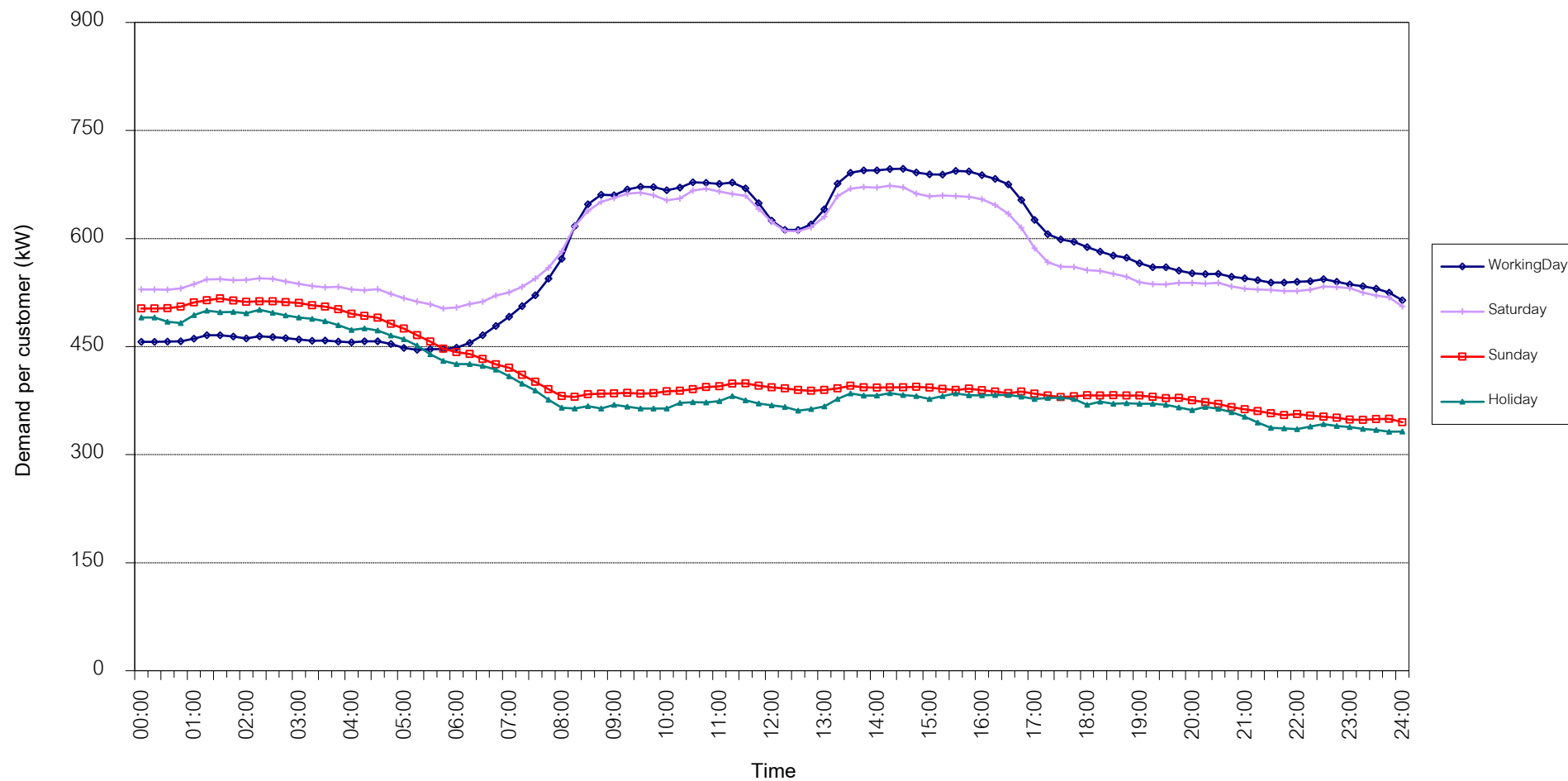
Number of sample customers = 12



TSIC 35 (Chemical & Petroleum) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 75

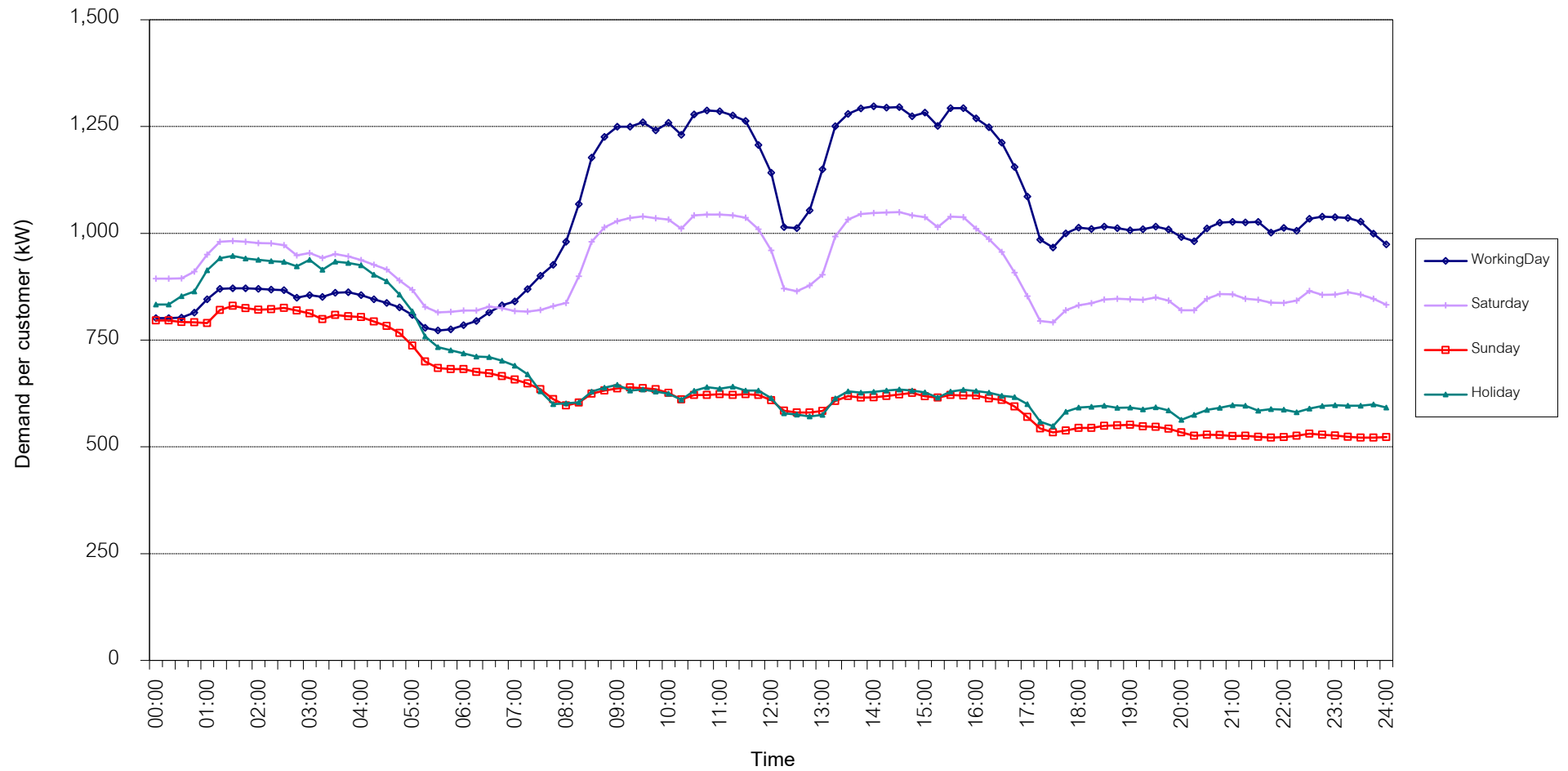


กราฟรูปที่ 12

TSIC 38 (Fabricated Metal Products) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 62

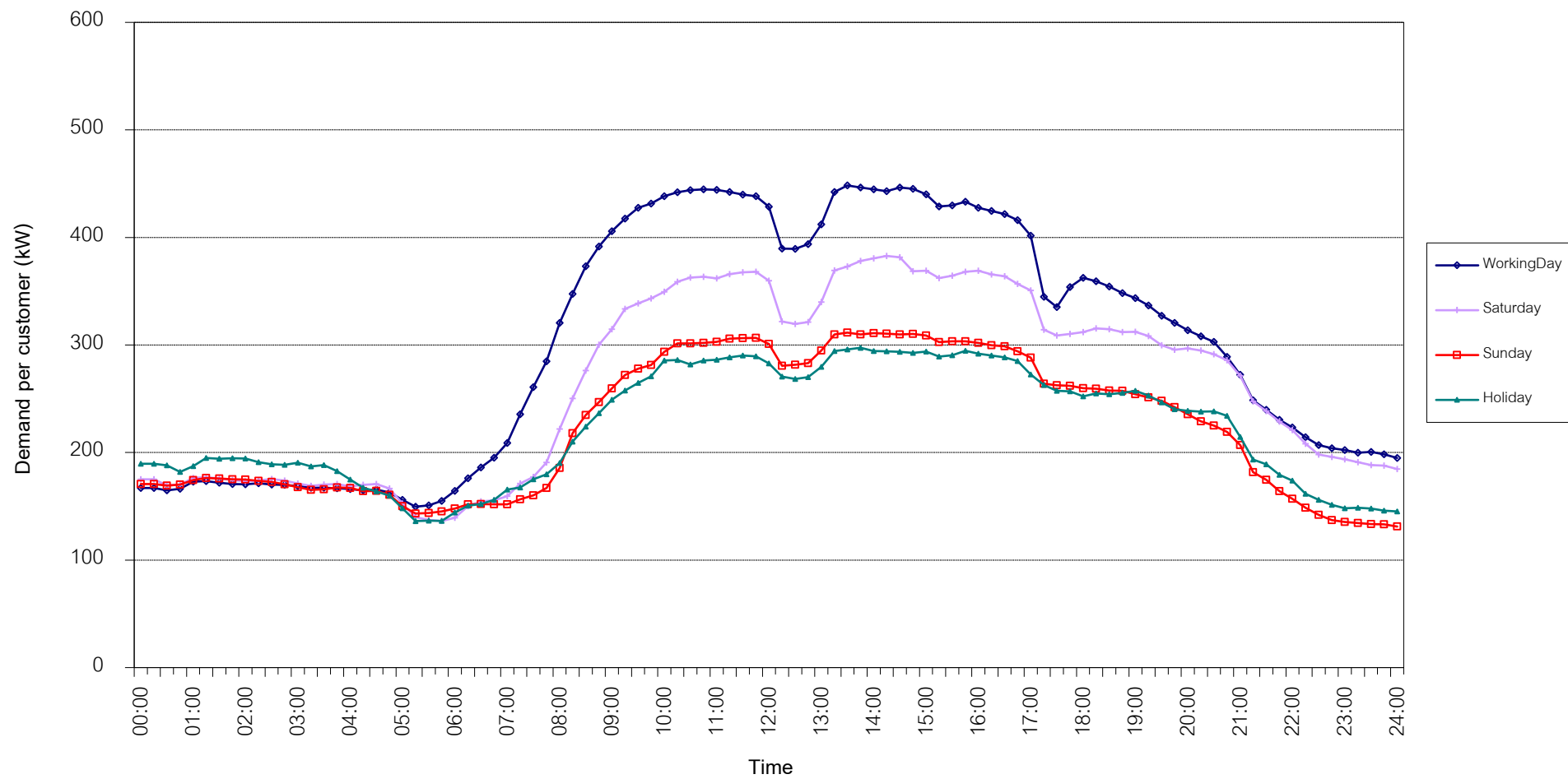


กราฟรูปที่ 13

TSIC 61 (Wholesale Trade) Load Profile

Date: 1 August, 2020 to 31 August, 2020

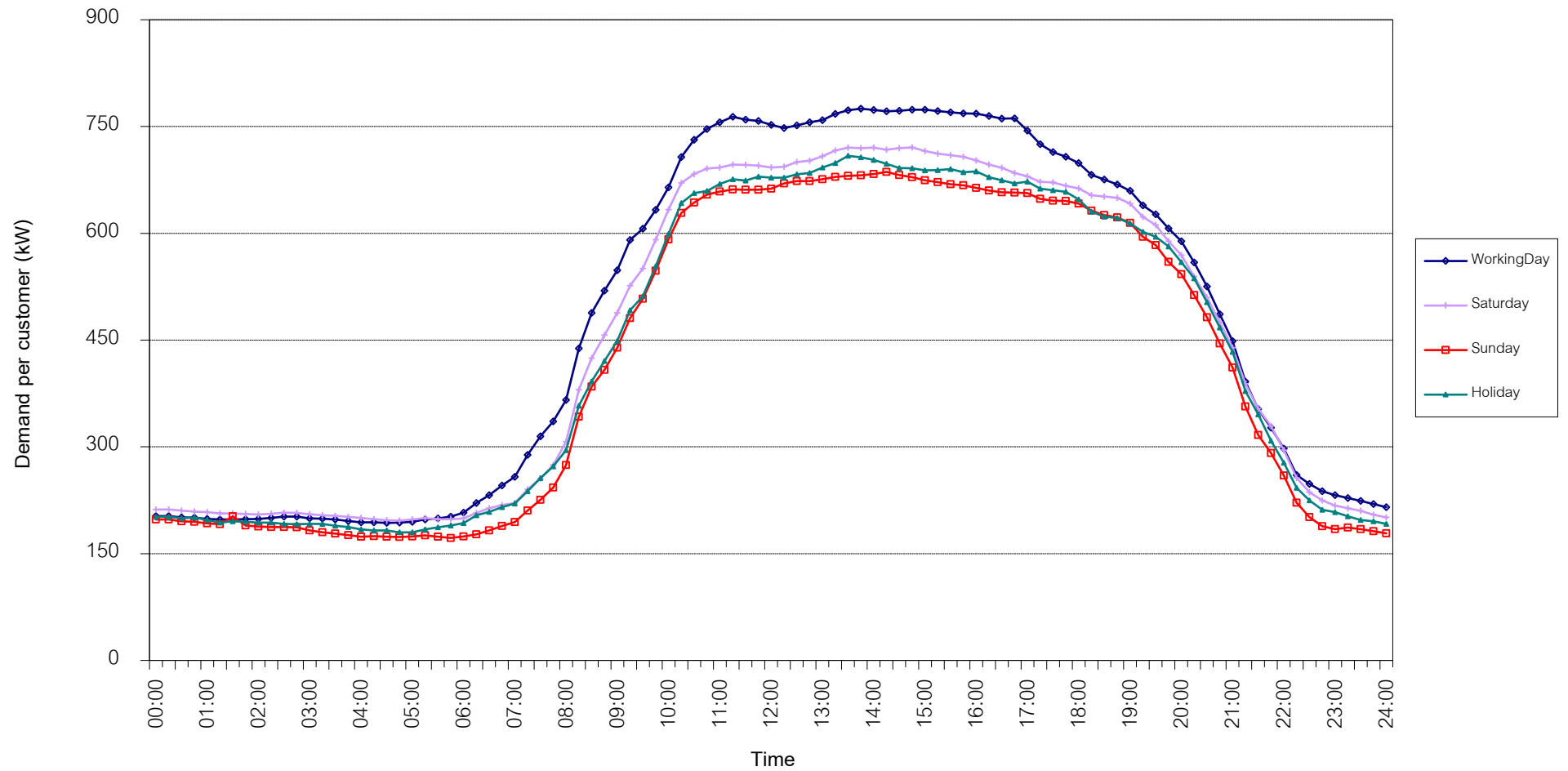
Number of sample customers = 48



TSIC 62 (Retail Trade) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 93

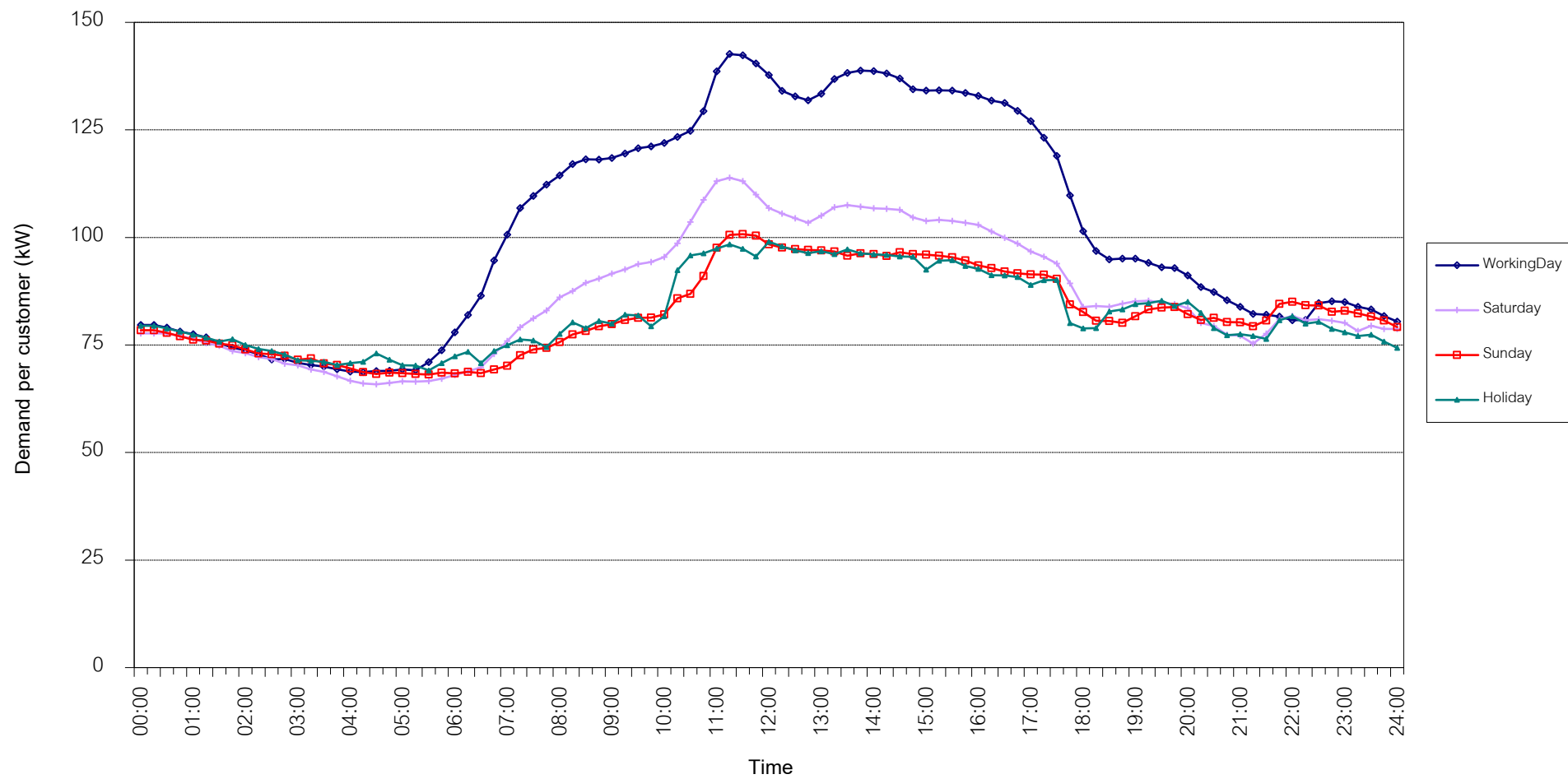


กราฟรูปที่ 15

TSIC 63 (Hotels and restaurants) Load Profile

Date: 1 August, 2020 to 31 August, 2020

Number of sample customers = 117

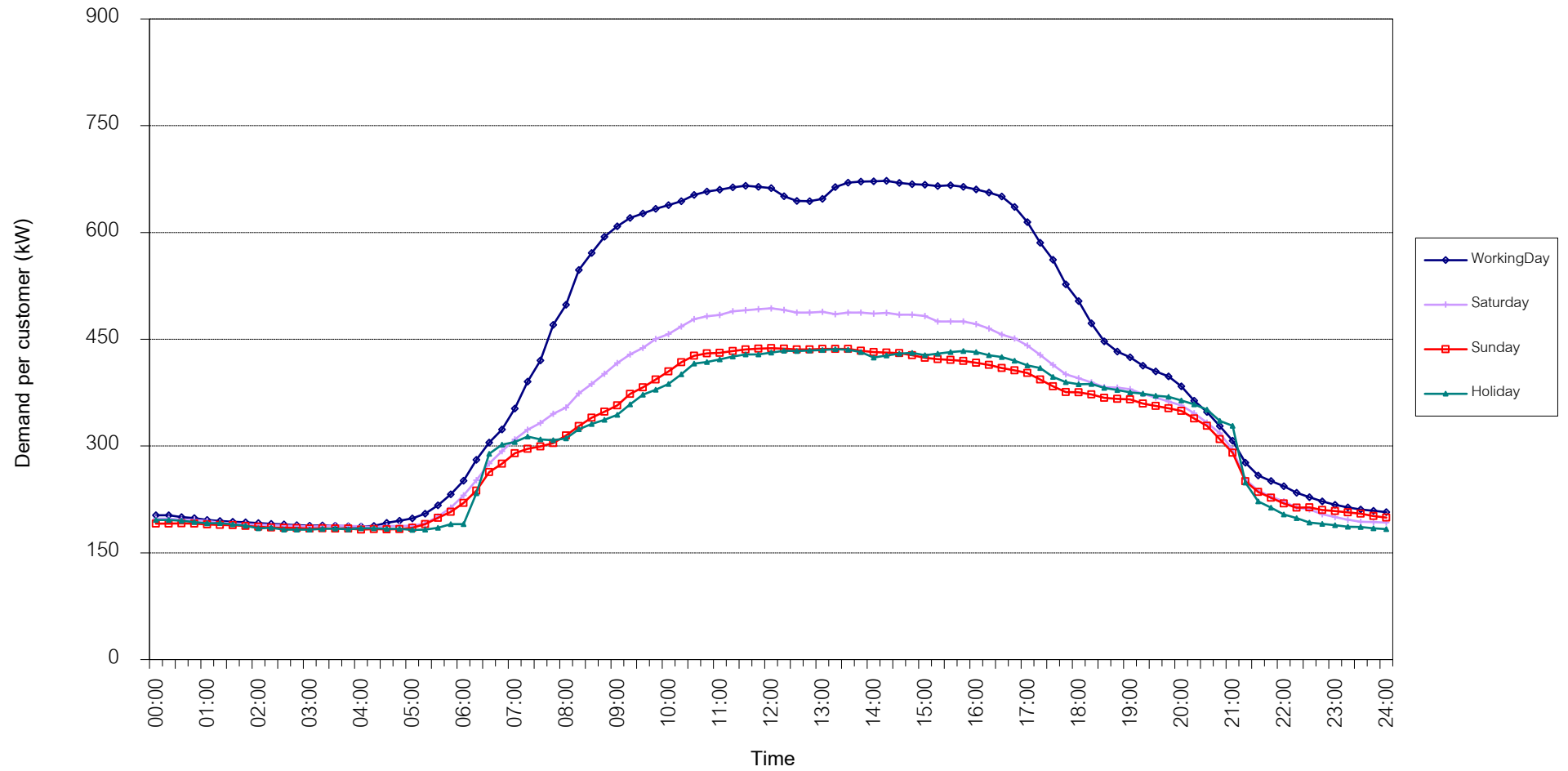


กราฟรูปที่ 16

TSIC 83 (Real Estate) Load Profile

Date: 1 August, 2020 to 31 August, 2020

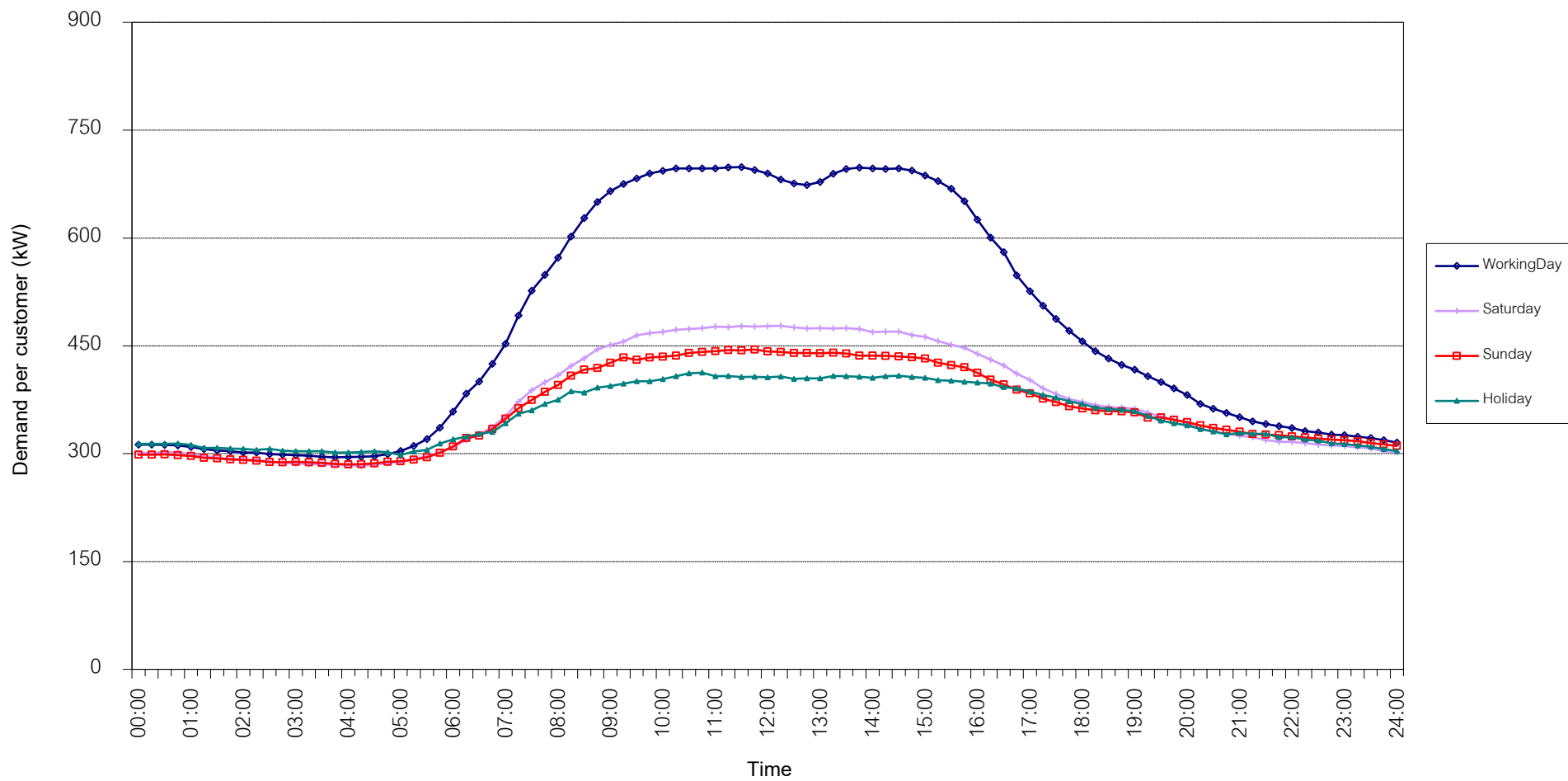
Number of sample customers = 47



TSIC 93 (Social Services) Load Profile

Date: 1 August, 2020 to 31 August, 2020

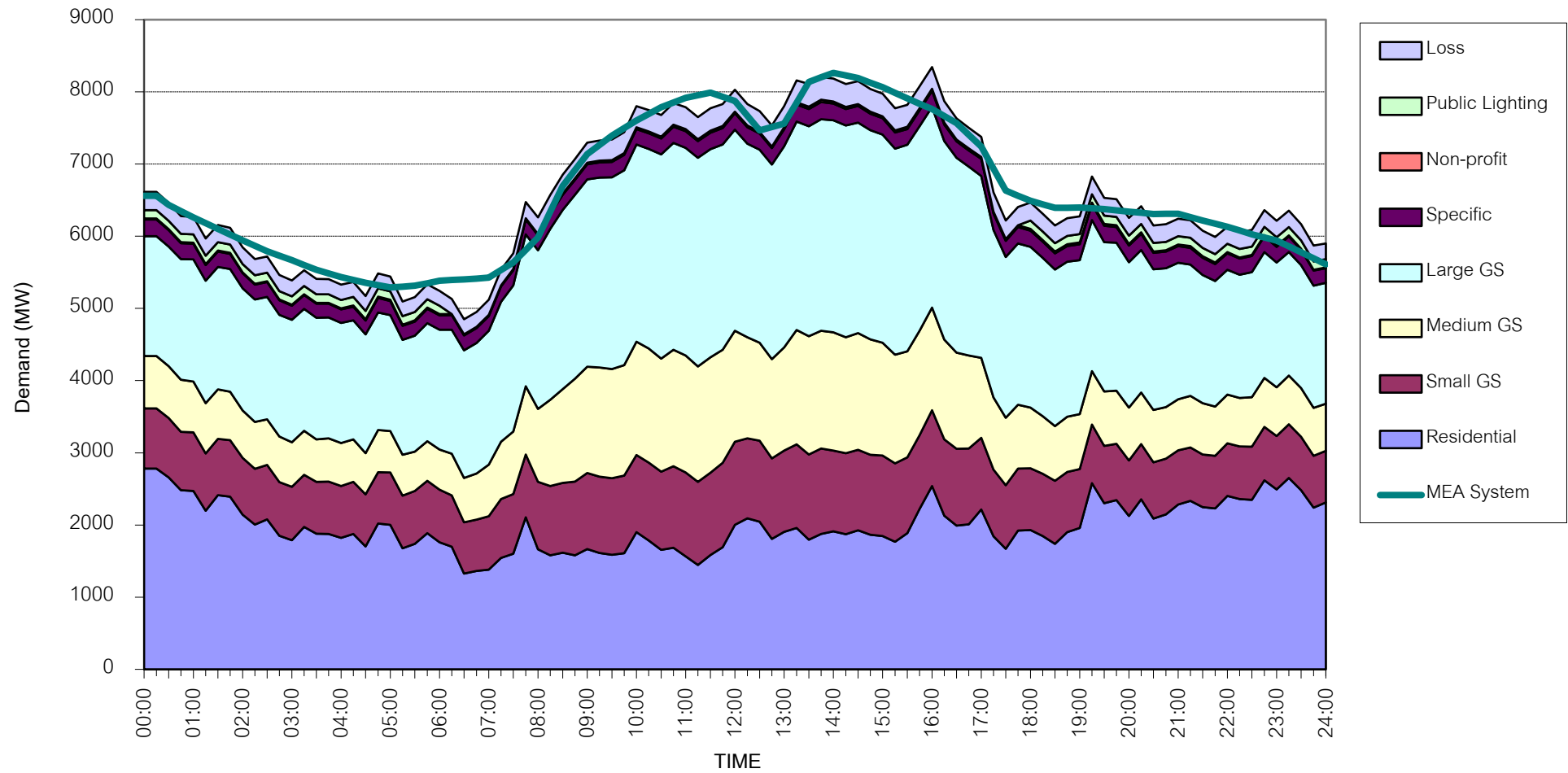
Number of sample customers = 27



กราฟรูปที่ 18

MEA's System Load Profile

Peak Day 28 August, 2020 at 14:00



กราฟรูปที่ 19