

ข้อมูลการศึกษาลักษณะการใช้ไฟฟ้า

เดือน ธันวาคม 2563

Table 1-1

COINCIDENT WITH LOAD RESEARCH SYSTEM'S PEAK ON December 15,2020 time 10:45 7,337.89 MW
 (MEA SYSTEM'S PEAK ON December 15,2020 time 14:00 7,582.93 MW)

CLASS	Number of Customers	Kilowatt hours	Coincident Peak (MEA System Peak at time 14:00)		Coincident Peak (Load Research System Peak at time 10:45)		Sector Diversified Demand		
			MW	Contribution (%)	MW	Contribution (%)	Max MW.	Date	Time
Residential	3,654,363	1,071,757,827	1,357.25	19.09	1,593.75	21.72	1,802.87	23 Dec 20	21:30
Small General Service	340,605	526,667,744	934.83	13.15	907.92	12.37	953.37	16 Dec 20	21:30
Medium General Service	24,069	652,009,336	1,574.30	22.15	1,630.44	22.22	1,762.44	16 Dec 20	13:15
Large General Service	2,494	1,368,191,541	2,780.78	39.12	2,750.09	37.48	2,781.69	14 Dec 20	13:30
Specific Business	3,524	129,447,004	213.80	3.01	214.57	2.92	233.09	16 Dec 20	19:00
Non Profit Organization	326	10,146,340	18.97	0.27	16.58	0.23	27.71	12 Dec 20	18:30
Public Lighting	-	43,273,685	0.00	0.00	0.00	0.00	114.95	-	-
Loss	-	120,589,702	228.48	3.21	224.55	3.06	228.48	15 Dec 20	14:00
TOTAL	4,025,381	3,922,083,179	7,108.42	100.00	7,337.89	100.00	7,337.89	15 Dec 20	10:45

Table 1-2

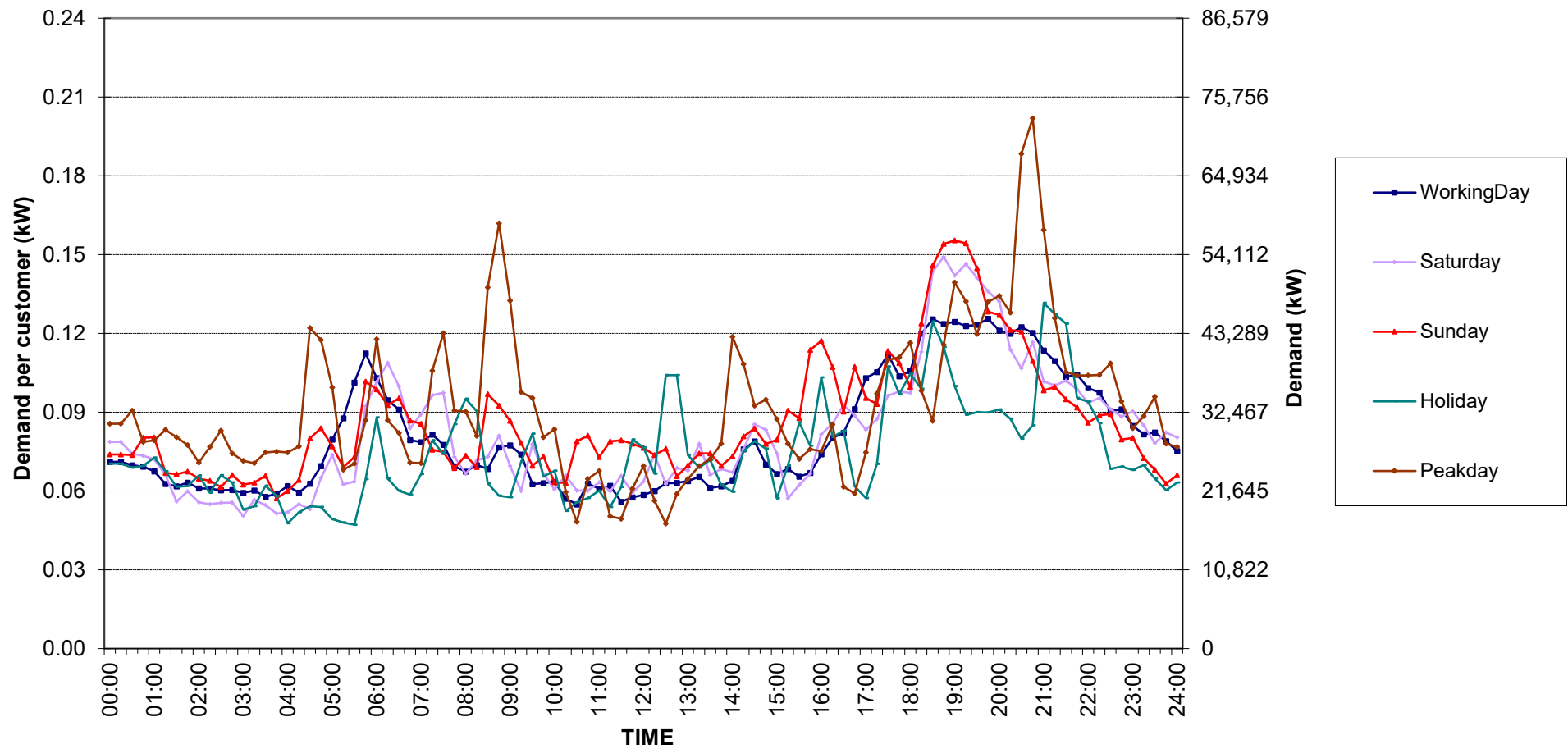
Number of sample customers on December, 2020

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 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 52

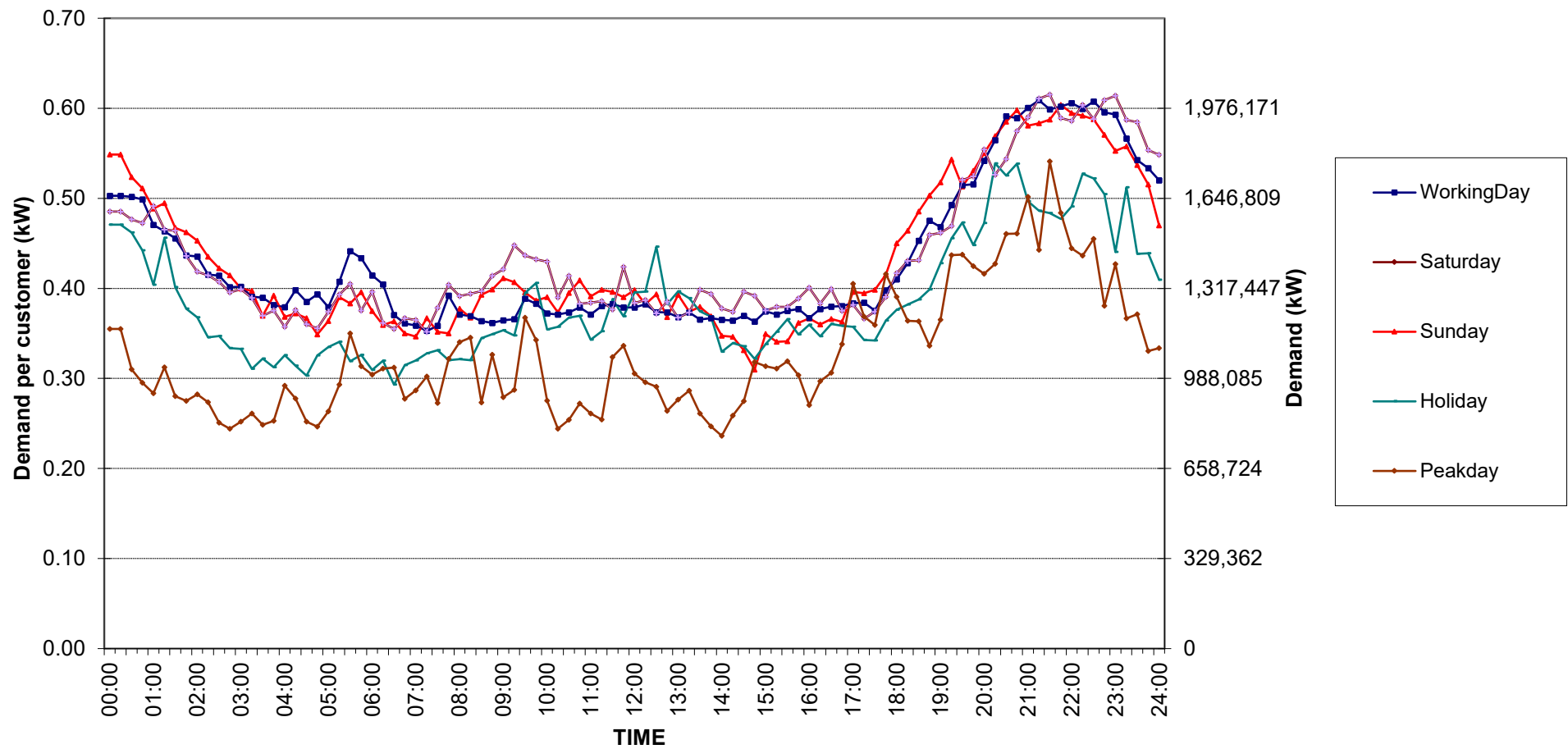


กราฟรูปที่ 1

Residential (Energy Consumption more than 150 kWh per month)

Date: 1 Dec, 2020 to 31 Dec, 2020

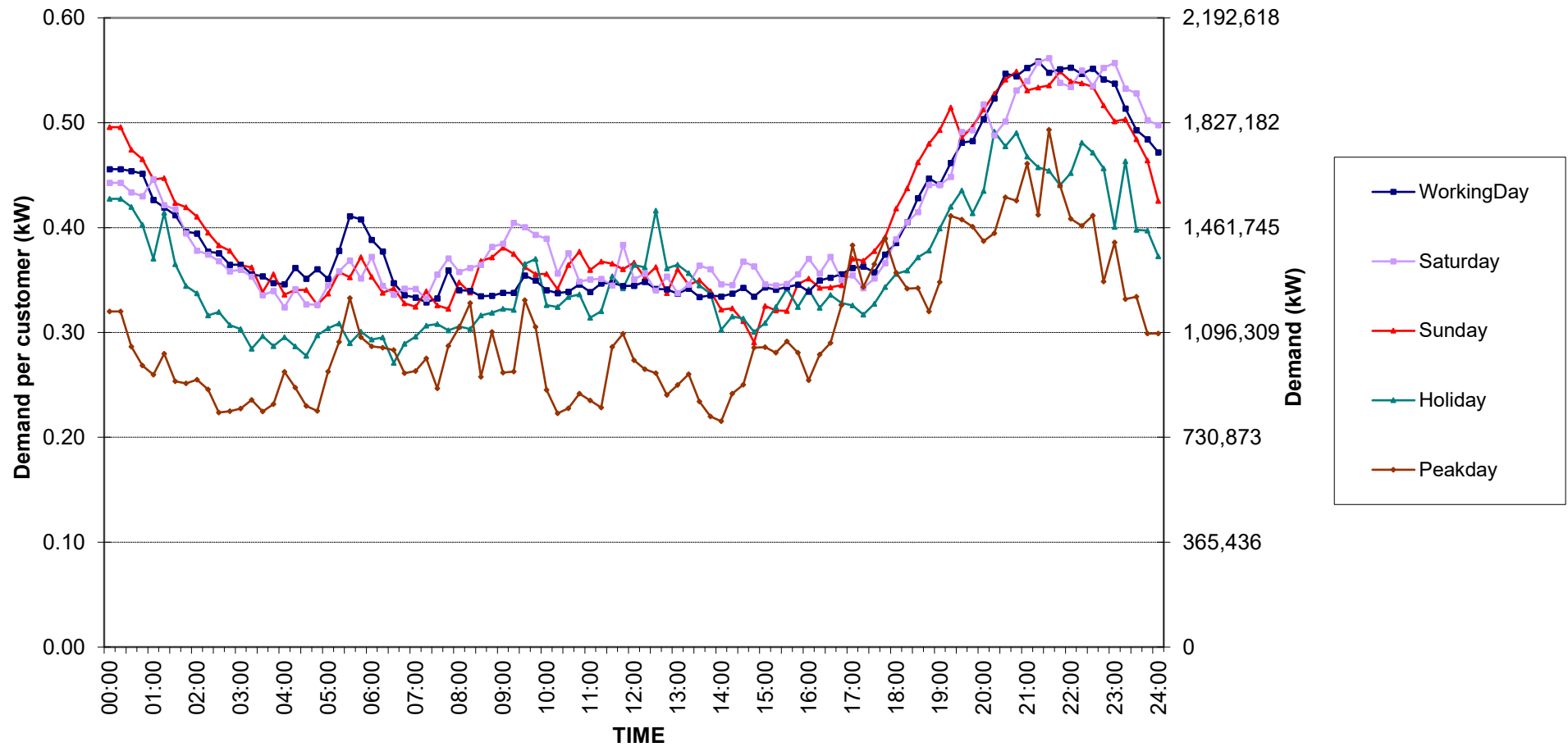
Number of sample customers = 119



Residential Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

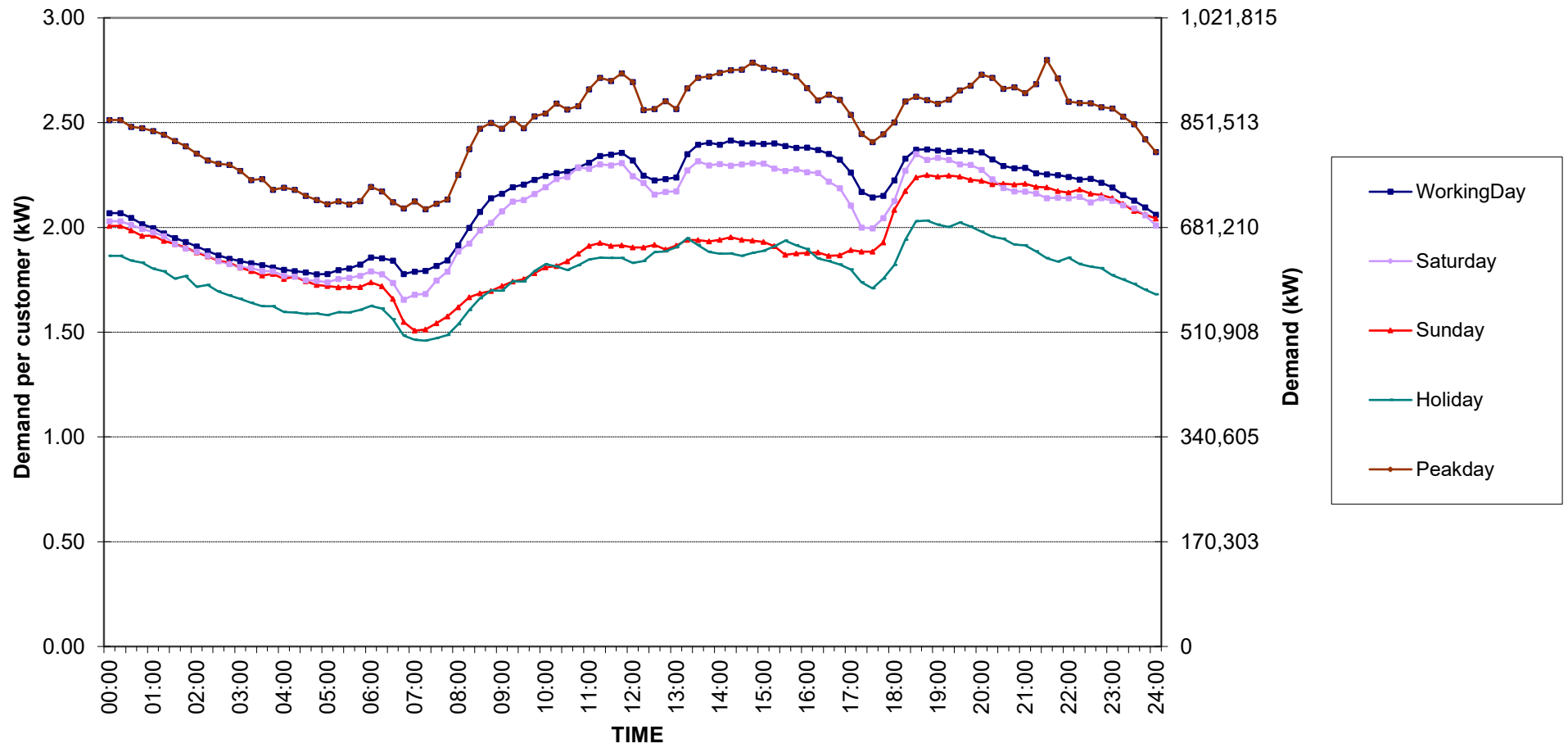
Number of sample customers = 171



Small General Services Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 258

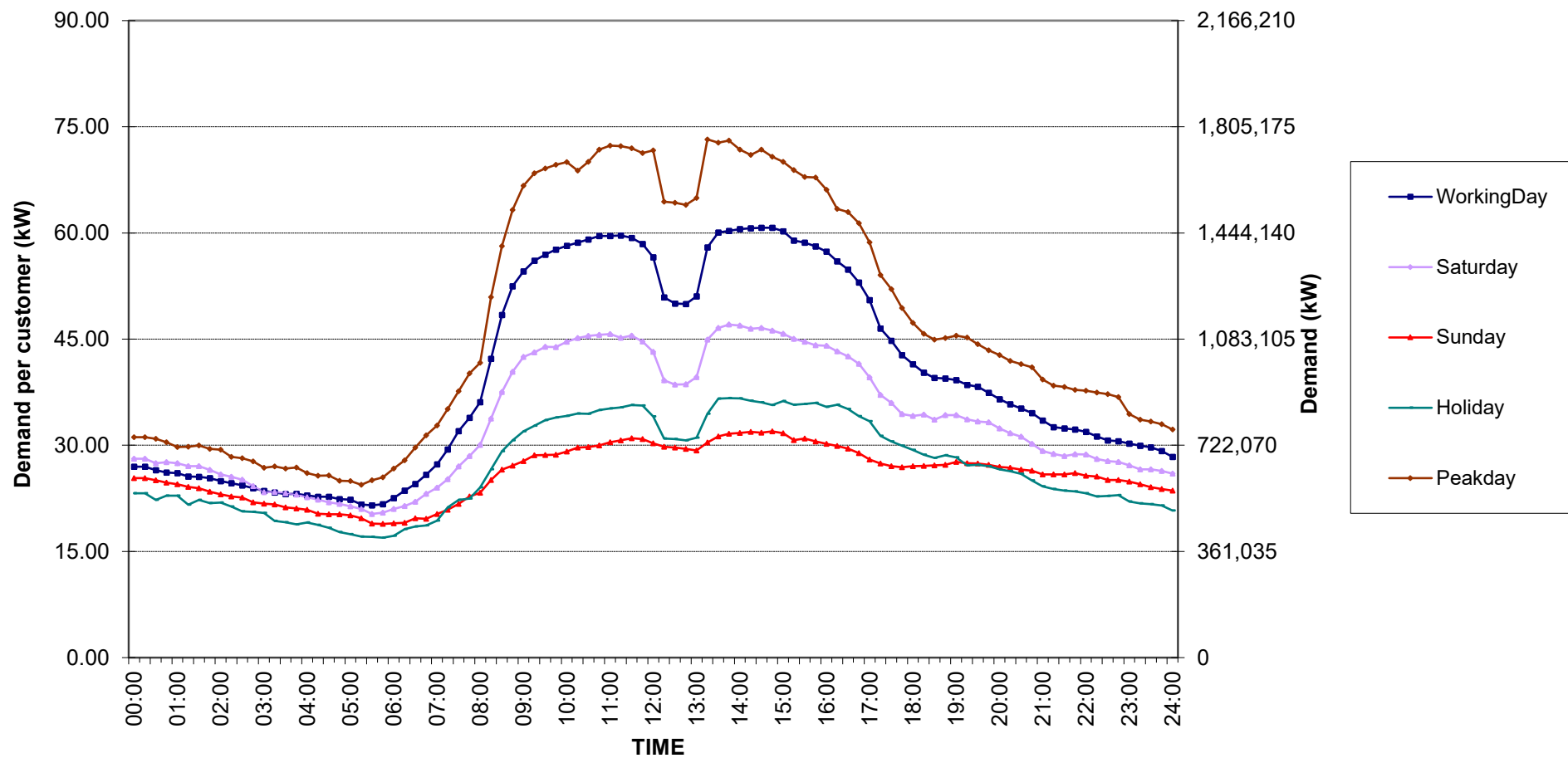


กราฟรูปที่ 4

Medium General Services Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 165

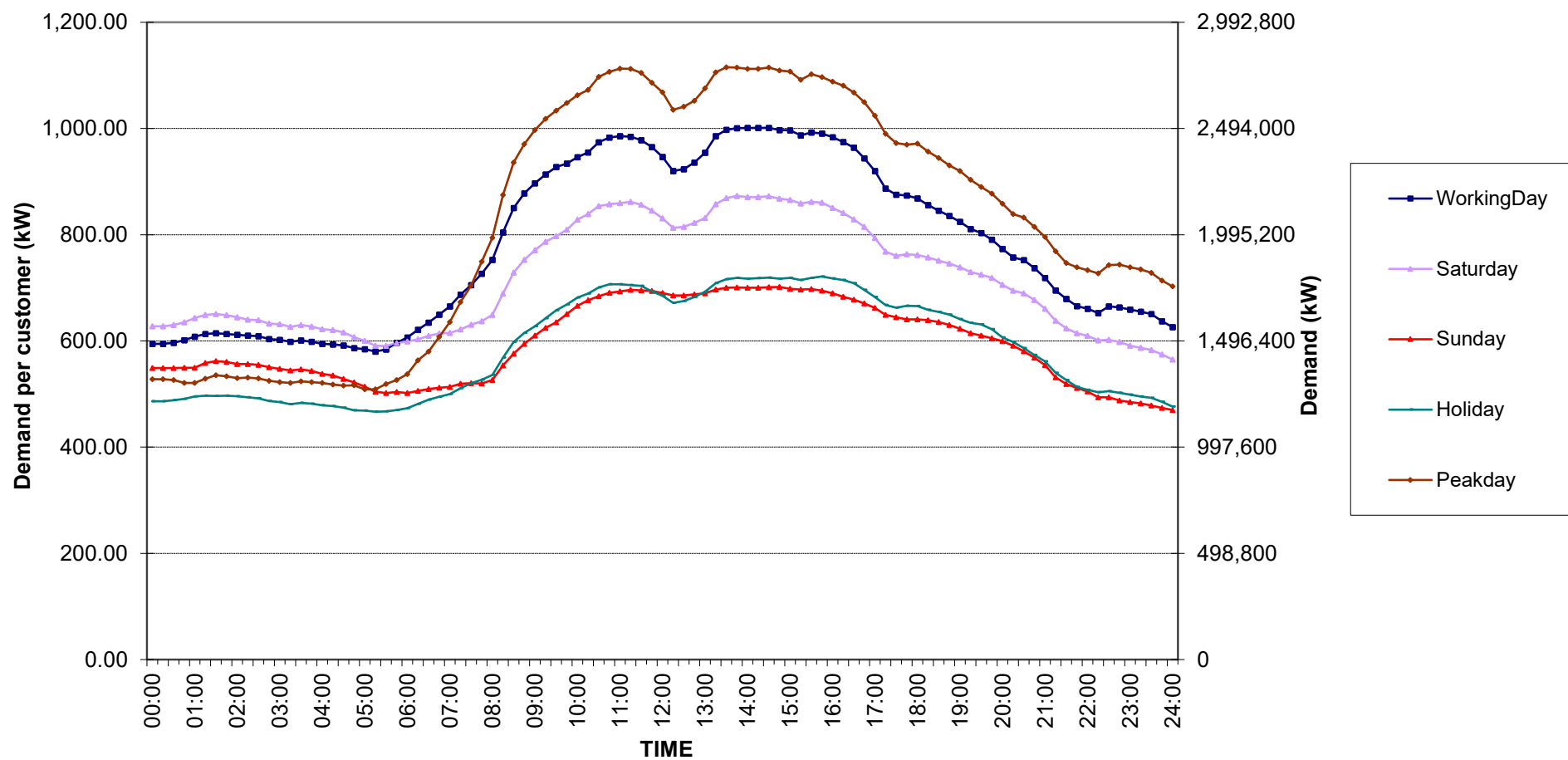


กราฟรูปที่ 5

Large General Services Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 284

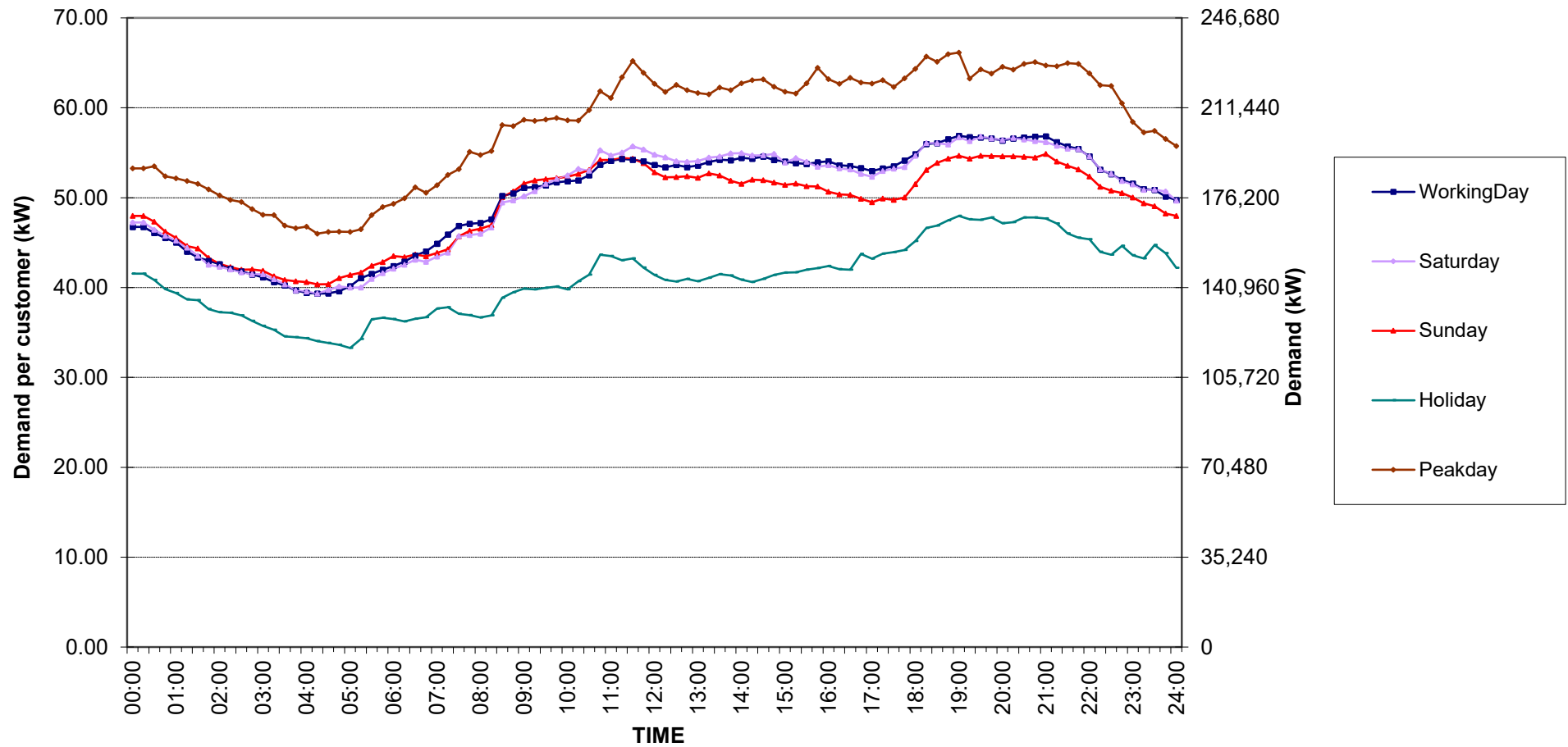


กราฟรูปที่ 6

Specific Business Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 74

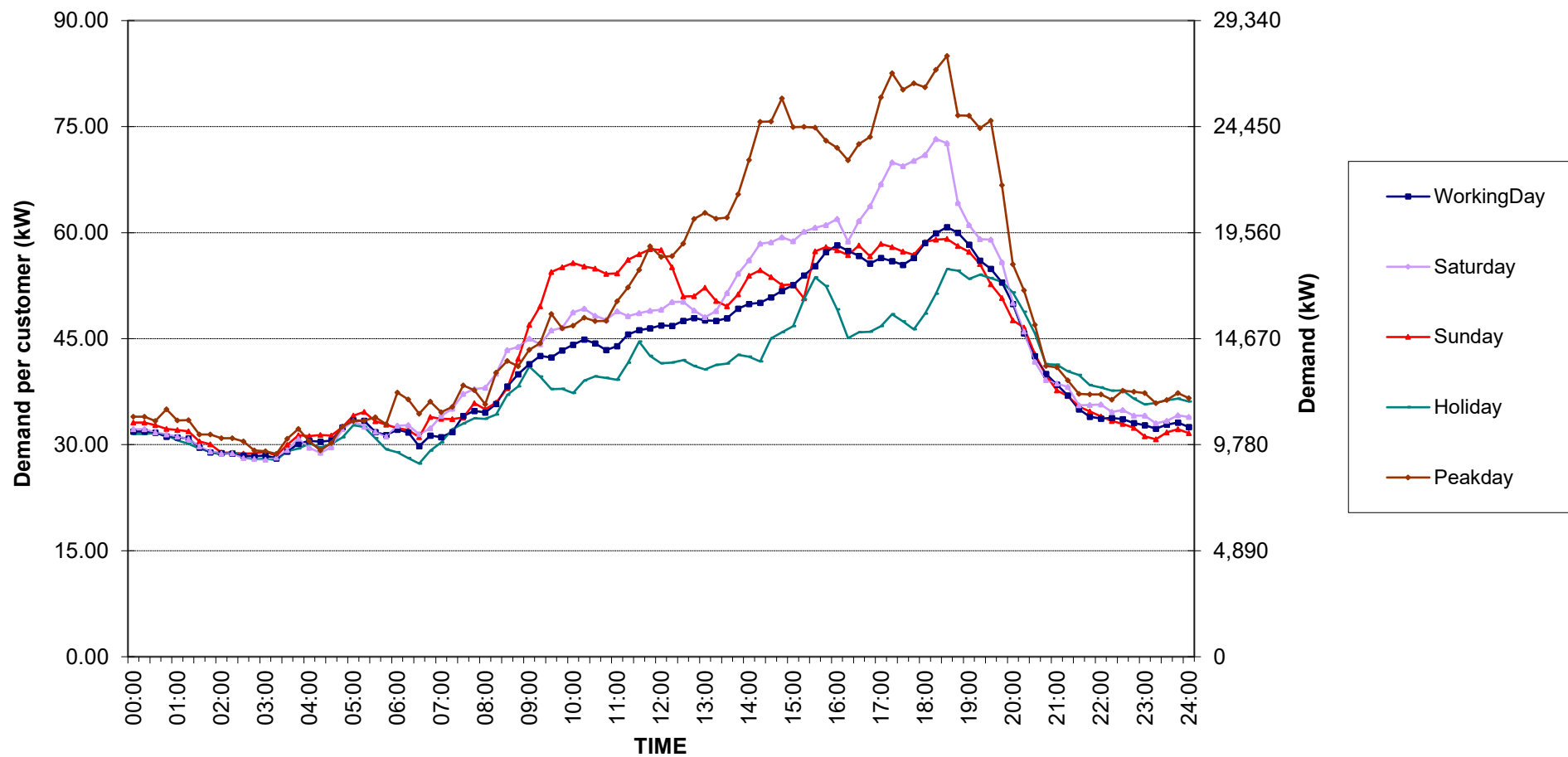


กราฟรูปที่ 7

Non-profit organizations Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

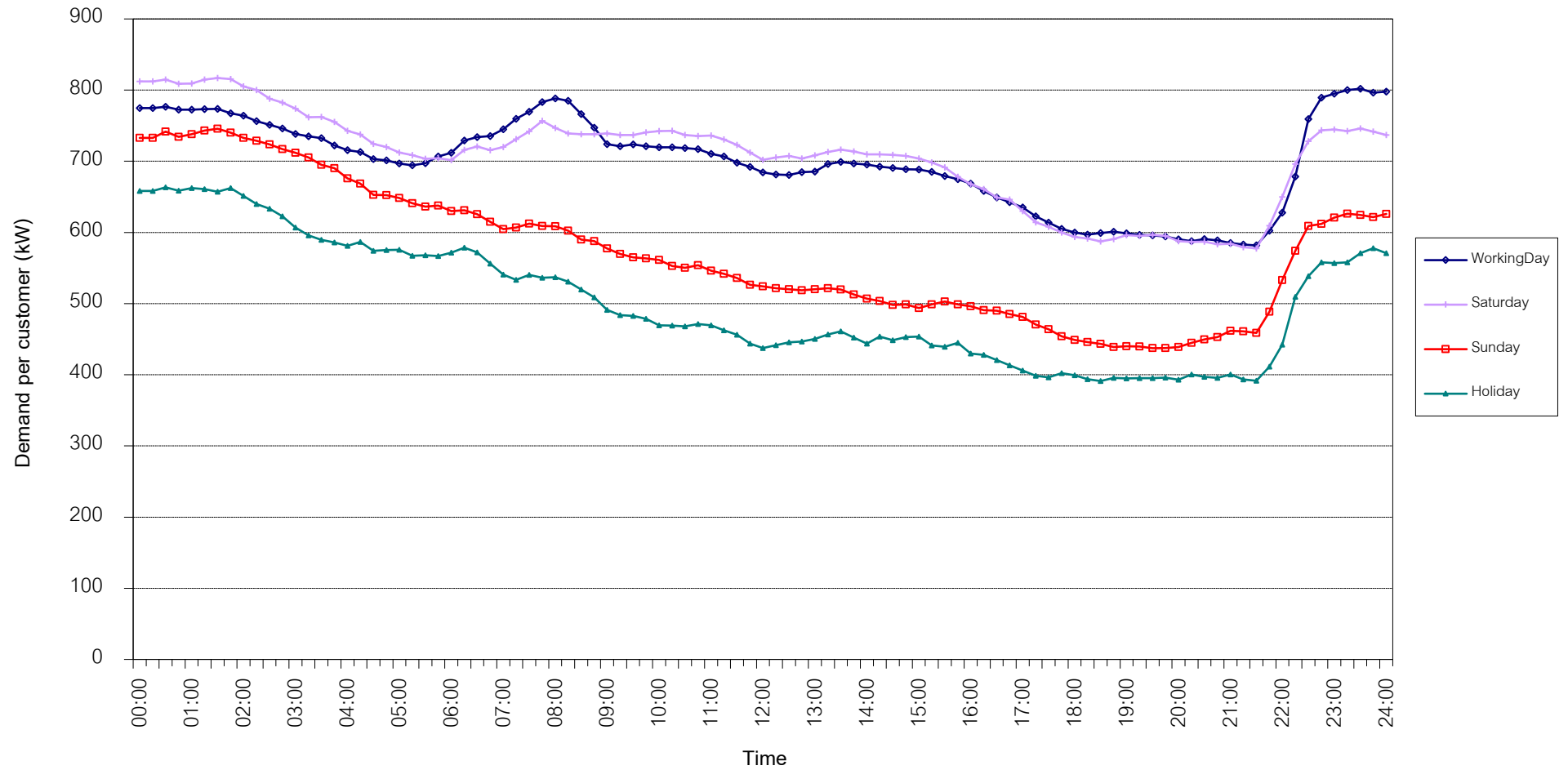
Number of sample customers = 50



TSIC 31 (Food Processing) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 32

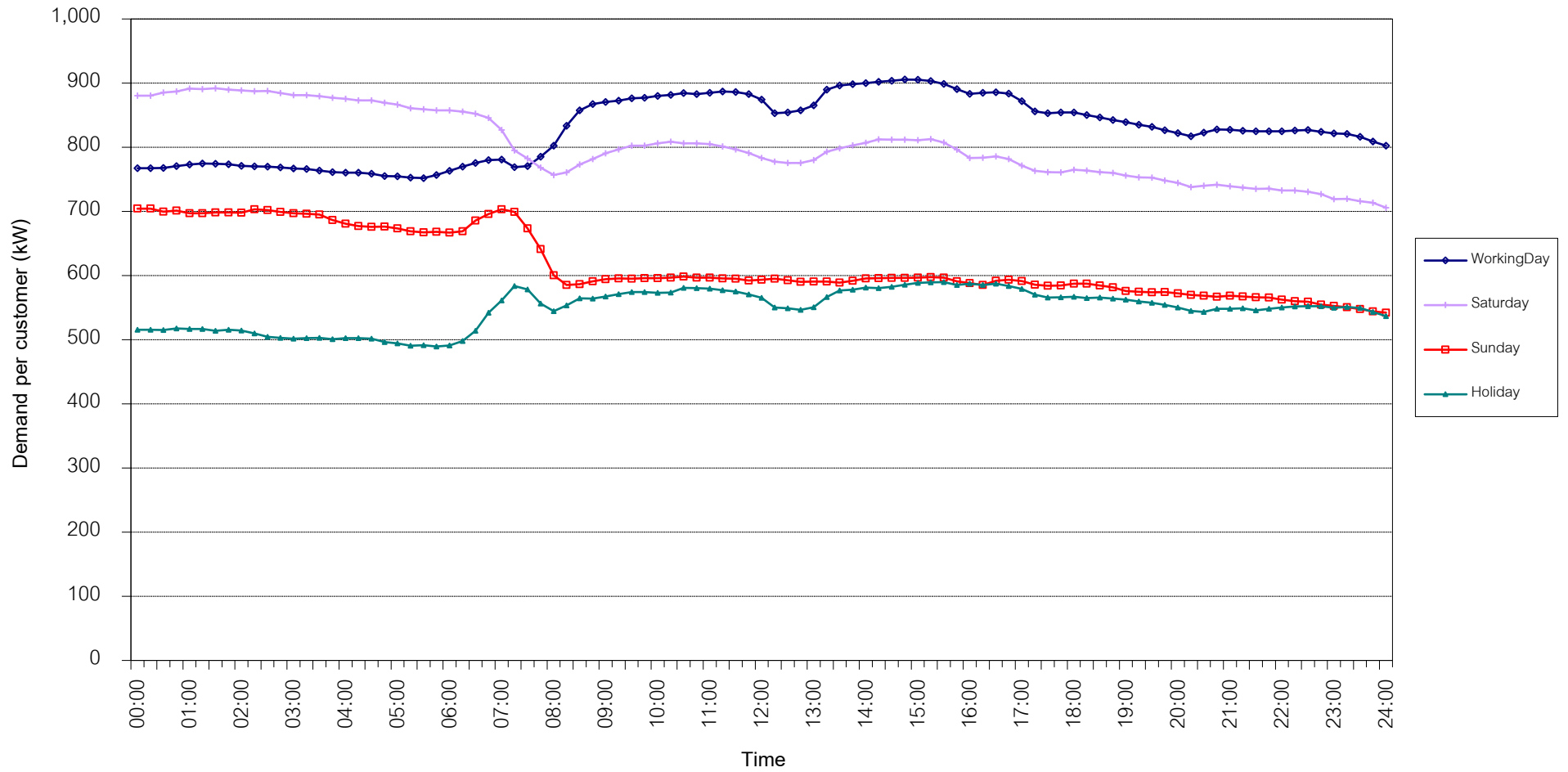


กราฟรูปที่ 9

TSIC 32 (Textiles) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 67

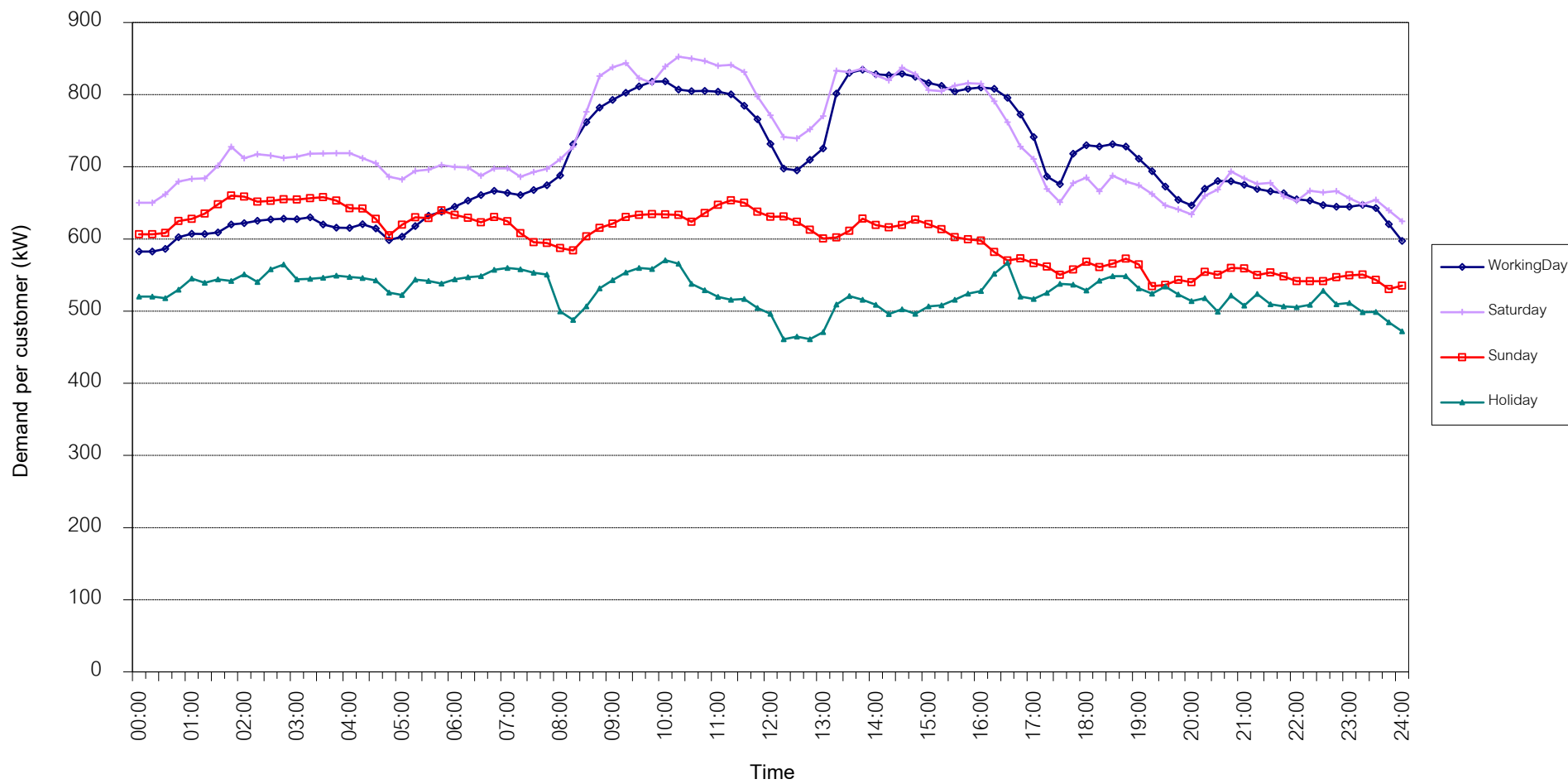


กราฟรูปที่ 10

TSIC 34 (Paper & Printing) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 12

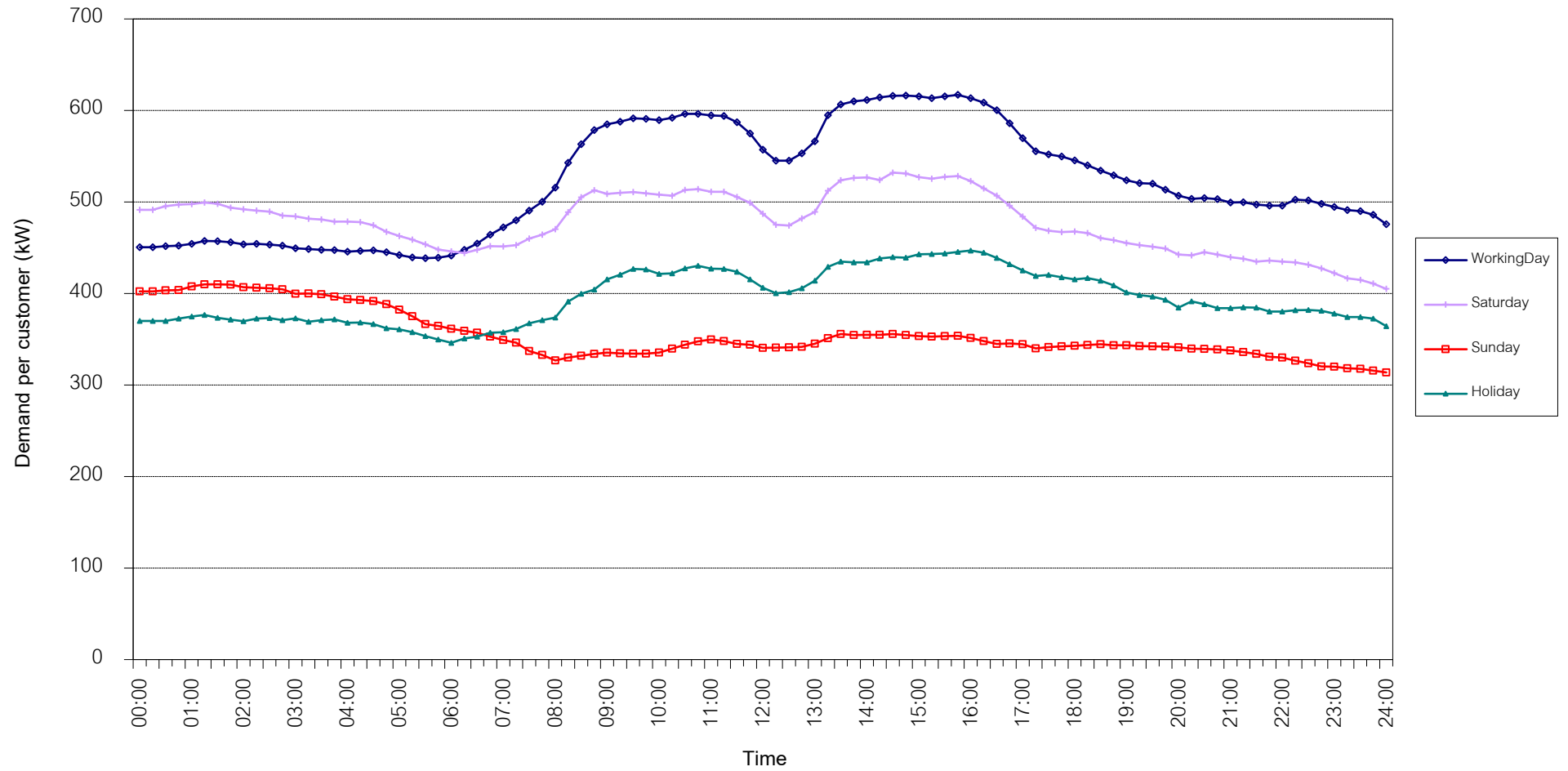


กราฟรูปที่ 11

TSIC 35 (Chemical & Petroleum) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 75

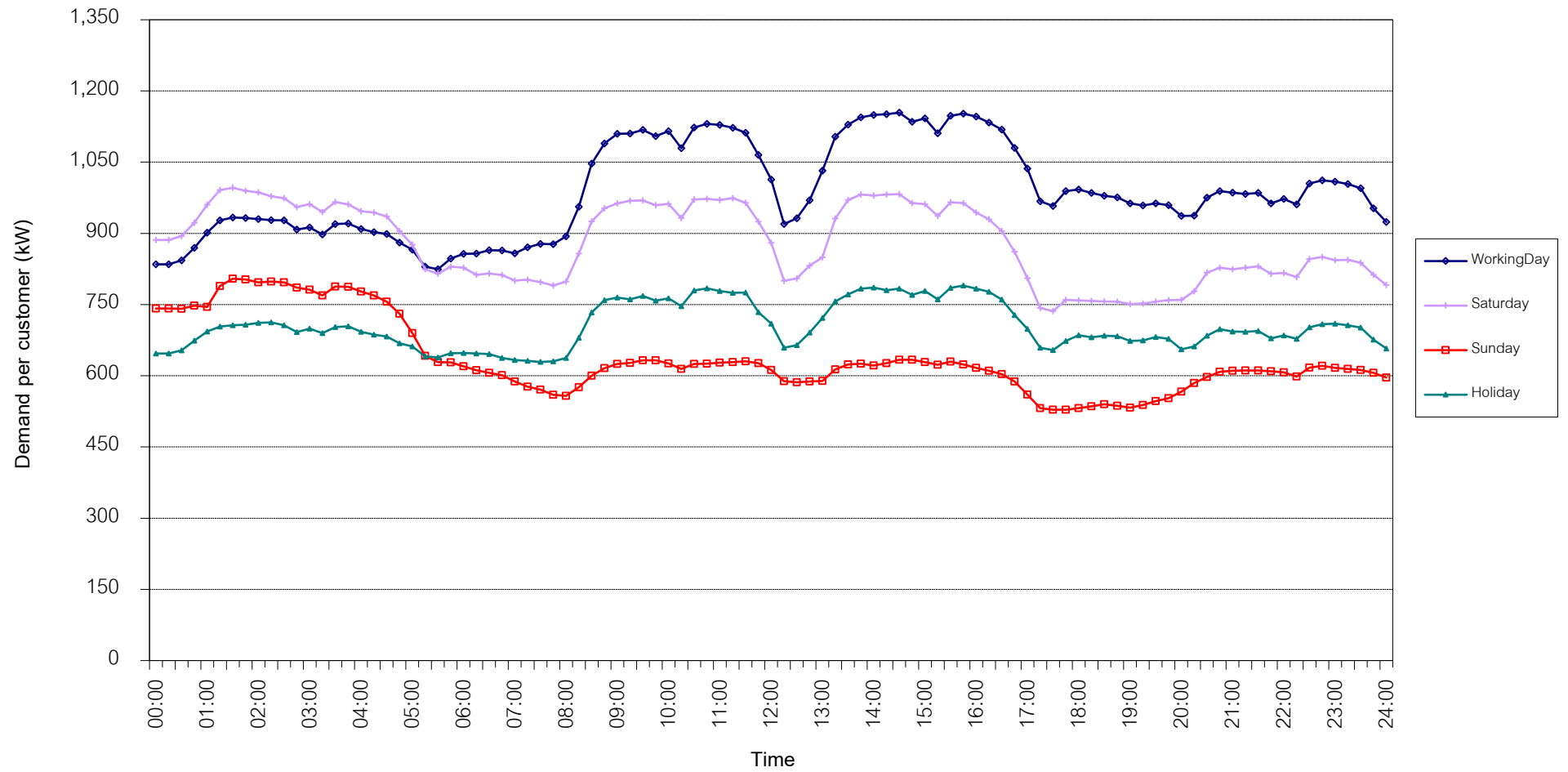


กราฟรูปที่ 12

TSIC 38 (Fabricated Metal Products) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 62

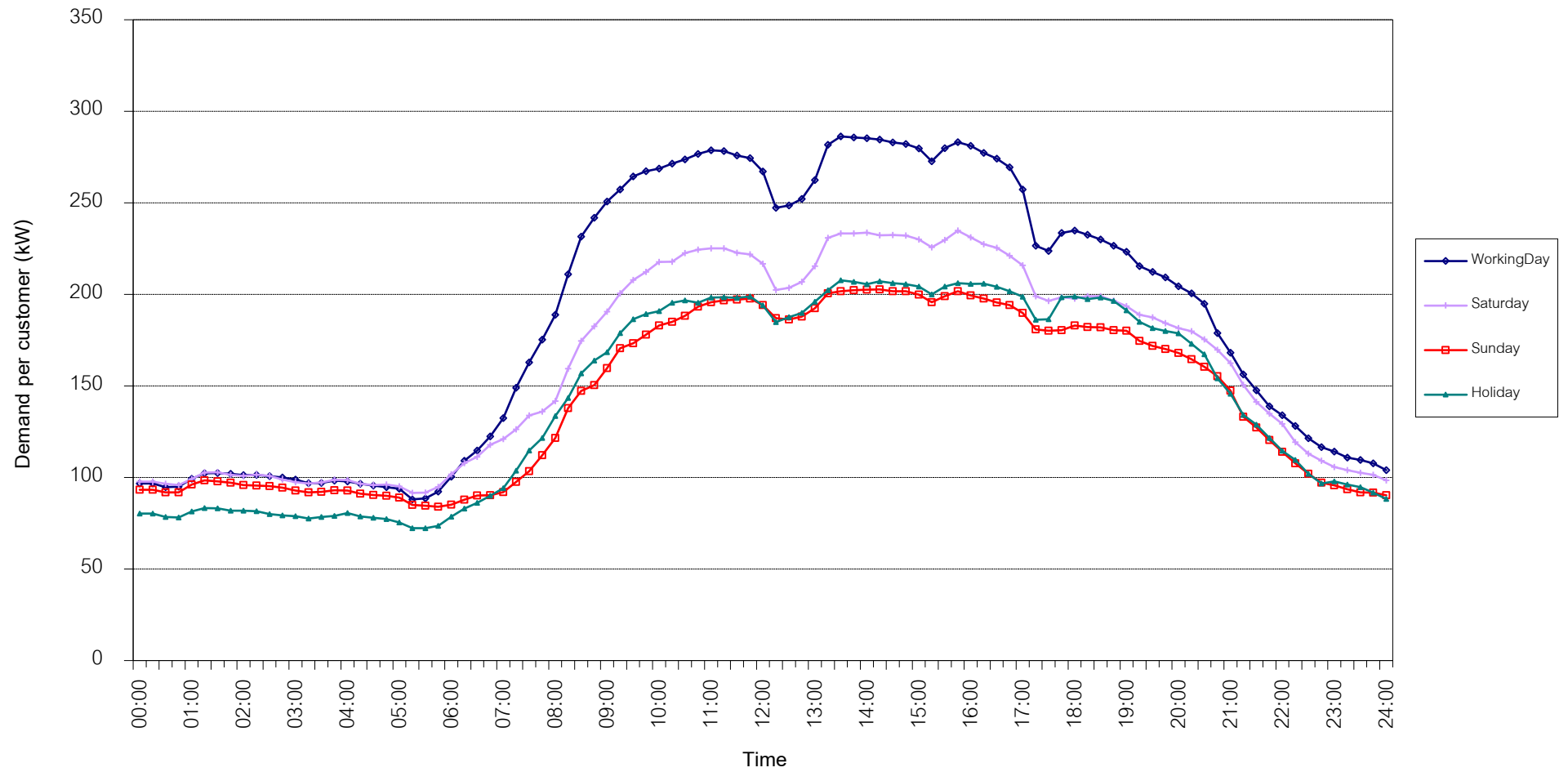


กราฟรูปที่ 13

TSIC 61 (Wholesale Trade) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 48

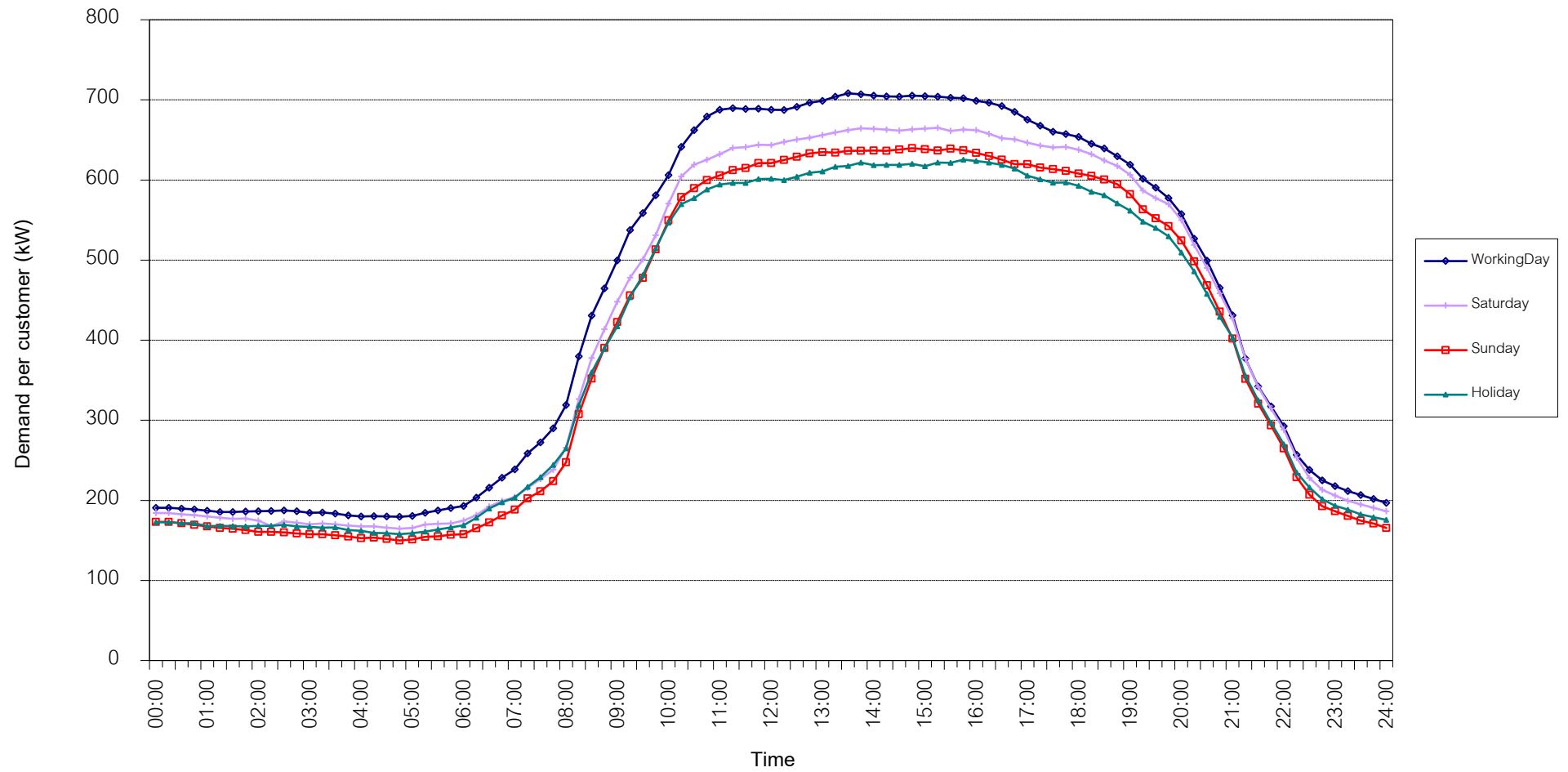


กราฟรูปที่ 14

TSIC 62 (Retail Trade) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 93

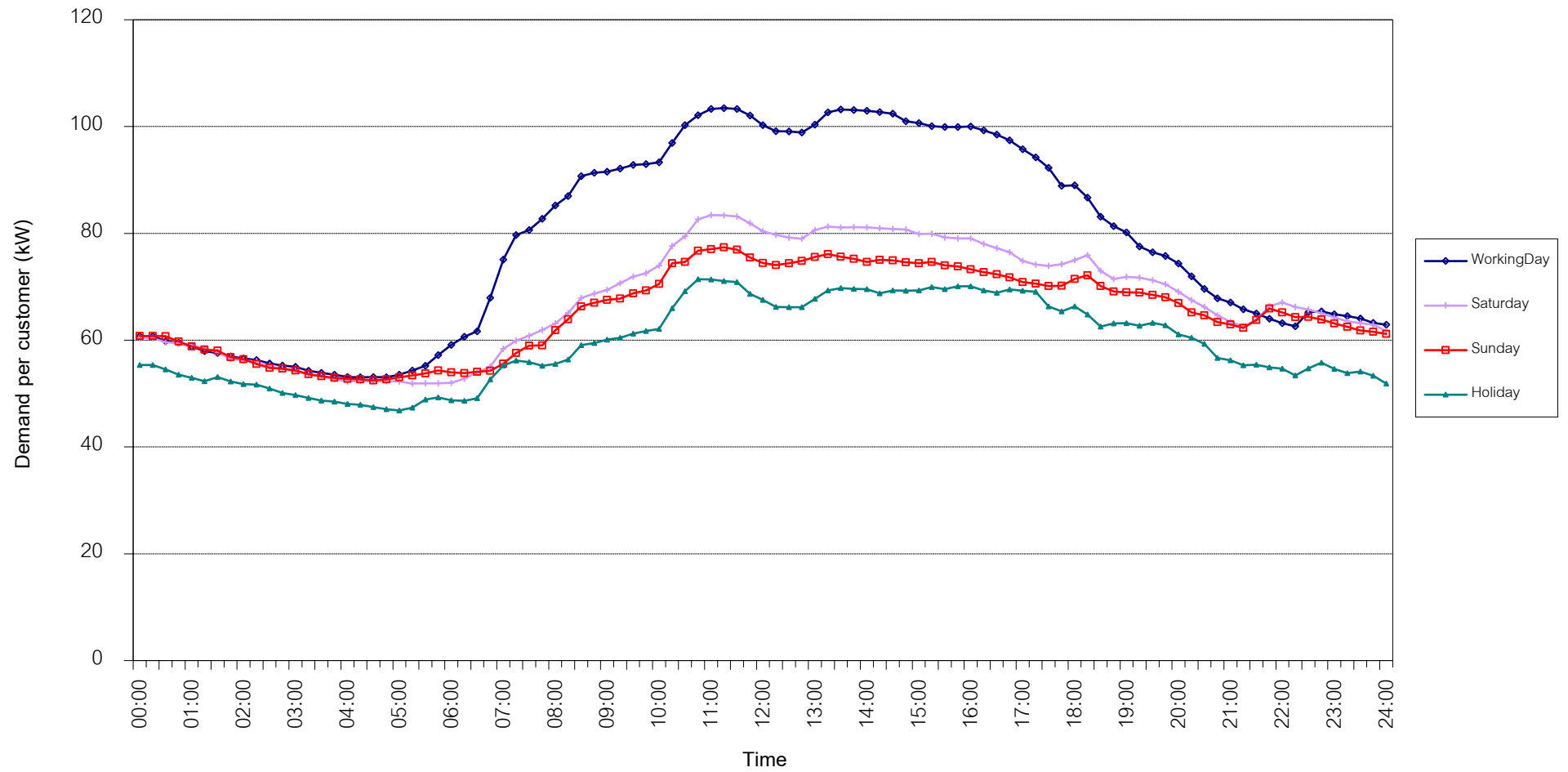


กราฟรูปที่ 15

TSIC 63 (Hotels and restaurants) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 117

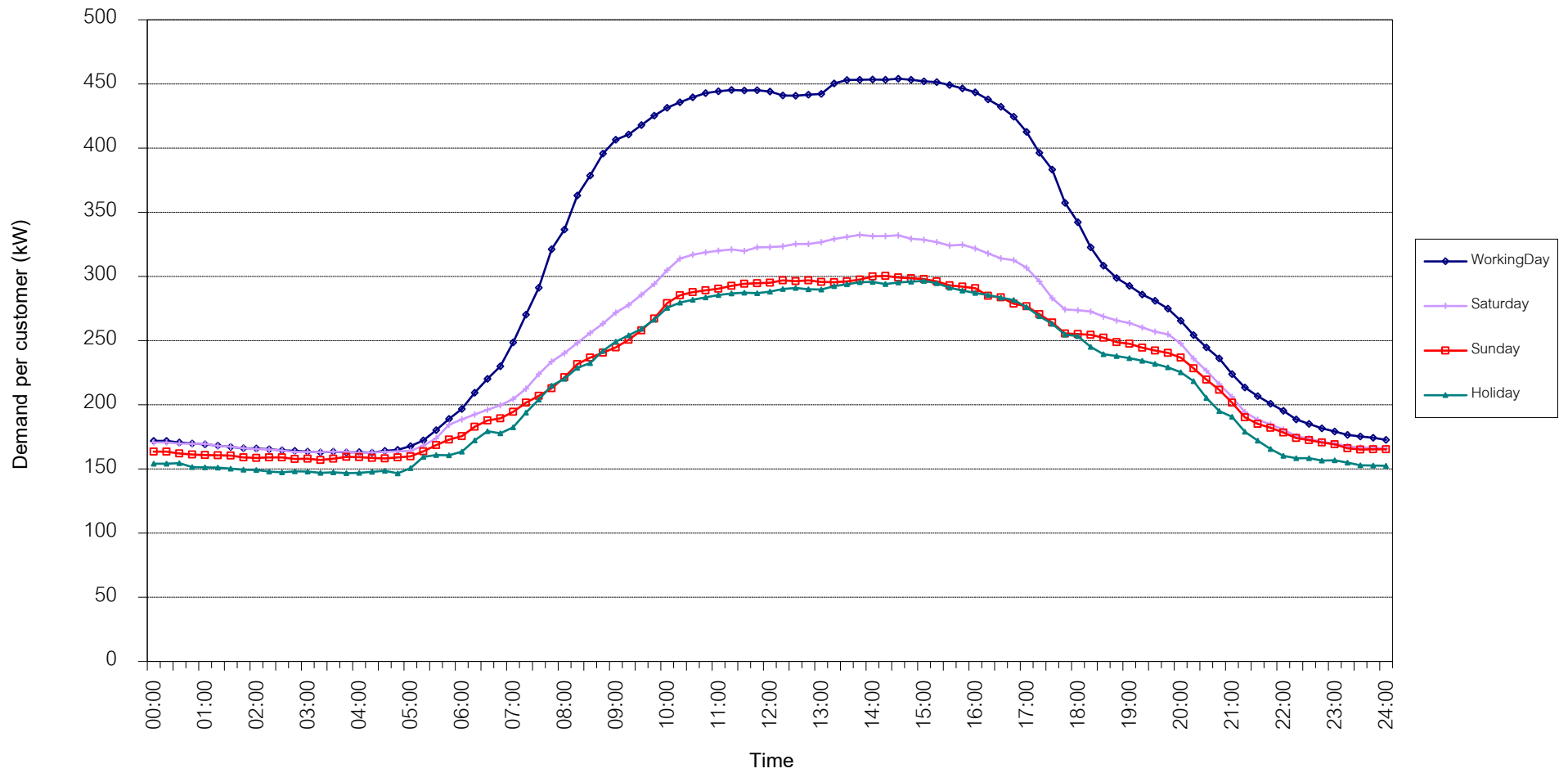


กราฟรูปที่ 16

TSIC 83 (Real Estate) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

Number of sample customers = 47

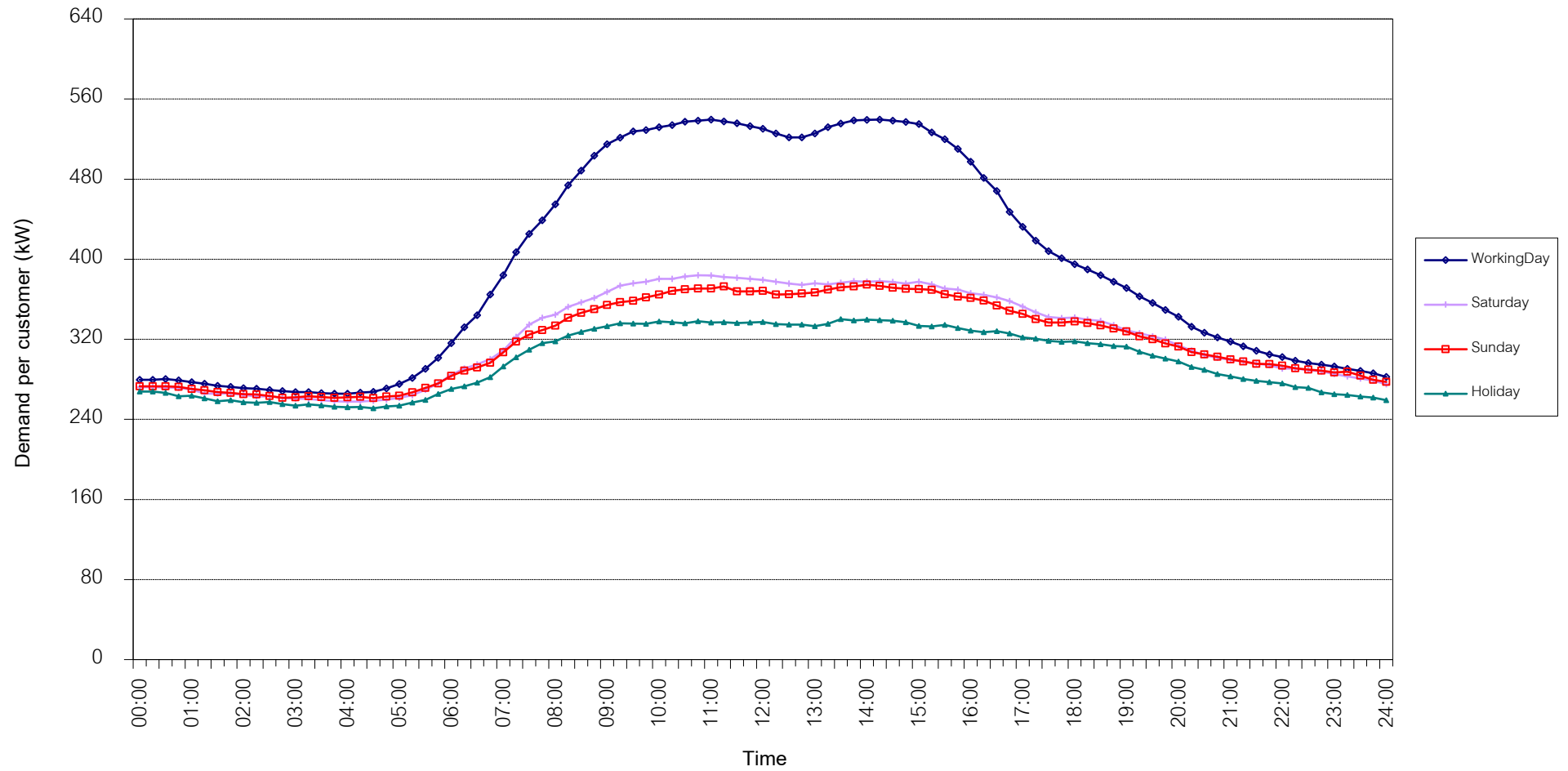


กราฟรูปที่ 17

TSIC 93 (Social Services) Load Profile

Date: 1 Dec, 2020 to 31 Dec, 2020

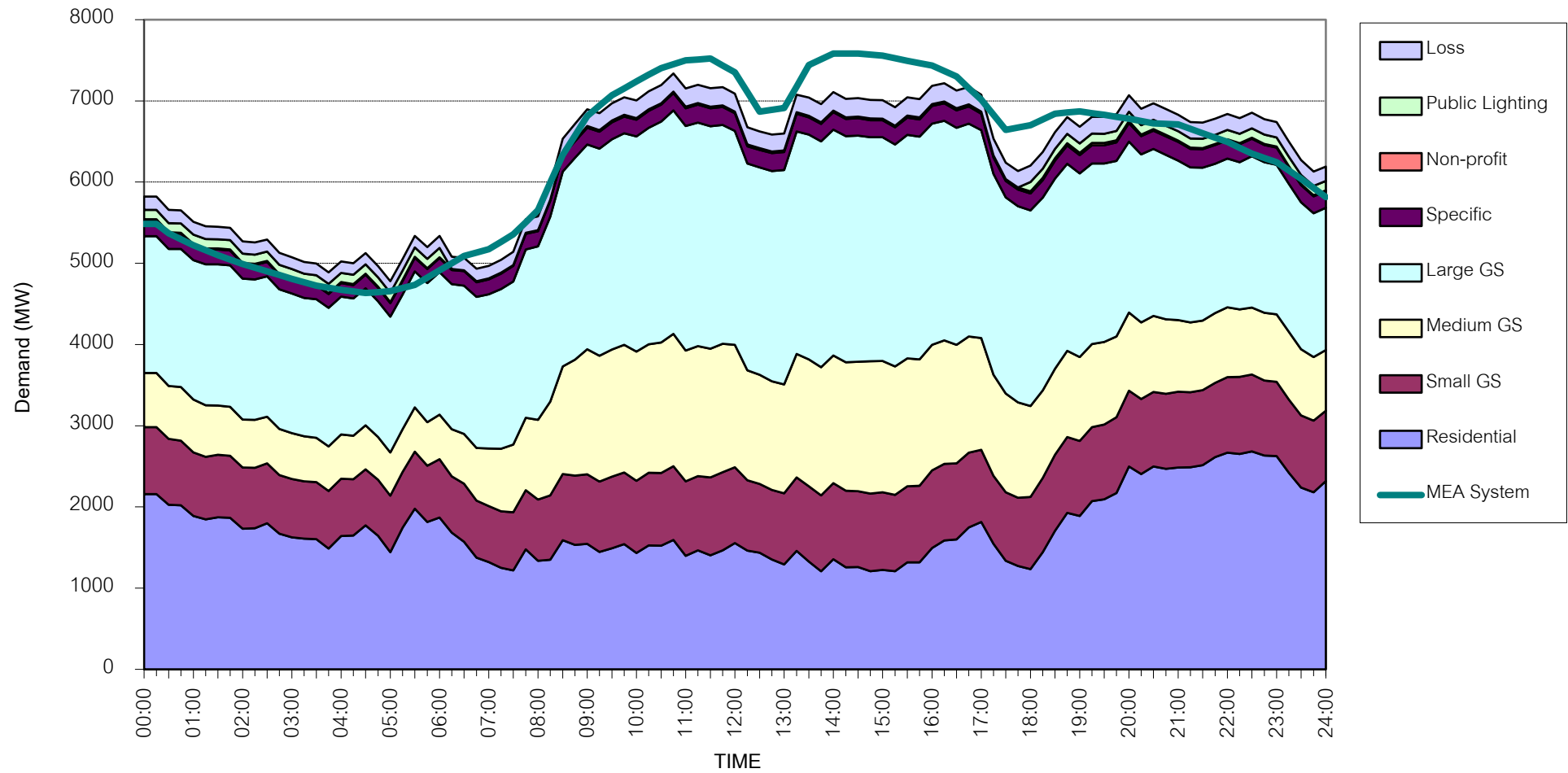
Number of sample customers = 27



กราฟรูปที่ 18

MEA's System Load Profile

Peak Day 15 Dec, 2020 at 14:00



กราฟรูปที่ 19