

**ข้อมูลการศึกษาลักษณะการใช้ไฟฟ้า**

**เดือน สิงหาคม 2561**

Table 1-1

COINCIDENT WITH LOAD RESEARCH SYSTEM'S PEAK ON August 23,2018 time 14:15 7,736.27 MW  
 ( MEA SYSTEM'S PEAK ON August 23,2018 time 14:30 8,308.59 MW )

CLASS	Number of Customers	Kilowatt hours	Coincident Peak (MEA System Peak at time 14:30 )		Coincident Peak (Load Research System Peak at time 14:15)		Sector Diversified Demand		
			MW	Contribution (%)	MW	Contribution (%)	Max MW.	Date	Time
Residential	3,210,895	1,120,000,112	1,413.94	18.73	1,500.18	19.39	2,634.00	4 Aug 18	22:00
Small General Service	507,843	680,569,372	1,192.62	15.80	1,271.63	16.44	1,439.05	7 Aug 18	10:45
Medium General Service	23,074	767,238,950	1,471.16	19.49	1,484.78	19.19	1,672.60	8 Aug 18	14:30
Large General Service	2,378	1,612,877,082	2,844.33	37.68	2,853.33	36.88	3,095.71	7 Aug 18	07:30
Specific Business	3,140	184,747,556	320.02	4.24	320.43	4.14	339.88	4 Aug 18	10:15
Non Profit Organization	315	11,095,759	32.39	0.43	32.38	0.42	38.47	21 Aug 18	09:00
Public Lighting	-	42,008,150	0.00	0.00	0.00	0.00	112.59	-	-
Loss	-	152,437,711	273.92	3.63	273.54	3.54	273.92	23 Aug 18	14:30
TOTAL	3,747,645	4,570,974,692	7,548.38	100.00	7,736.27	100.00	7,736.27	23 Aug 18	14:15

Table 1-2

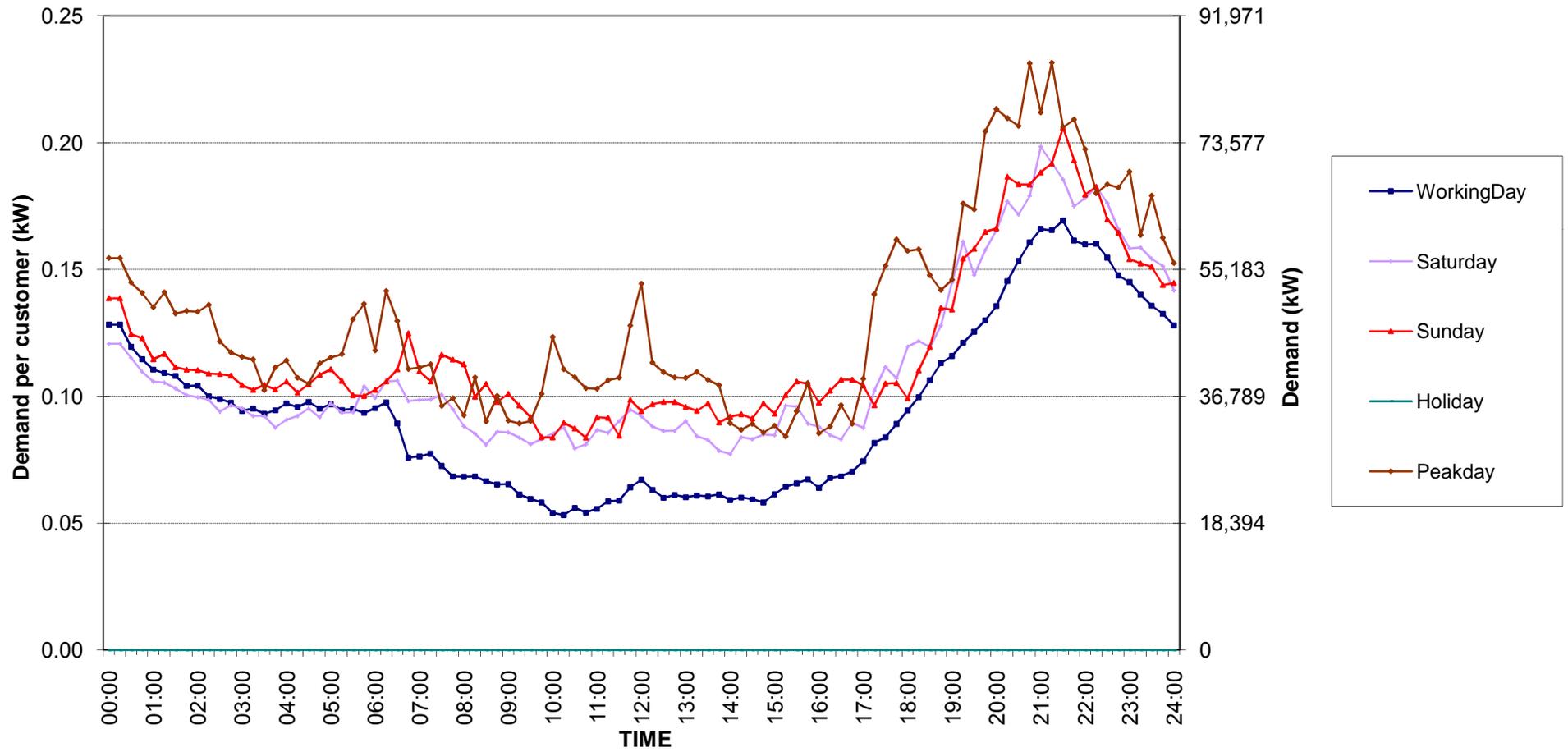
Number of sample customers on August, 2018

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 Aug, 2018 to 31 Aug, 2018

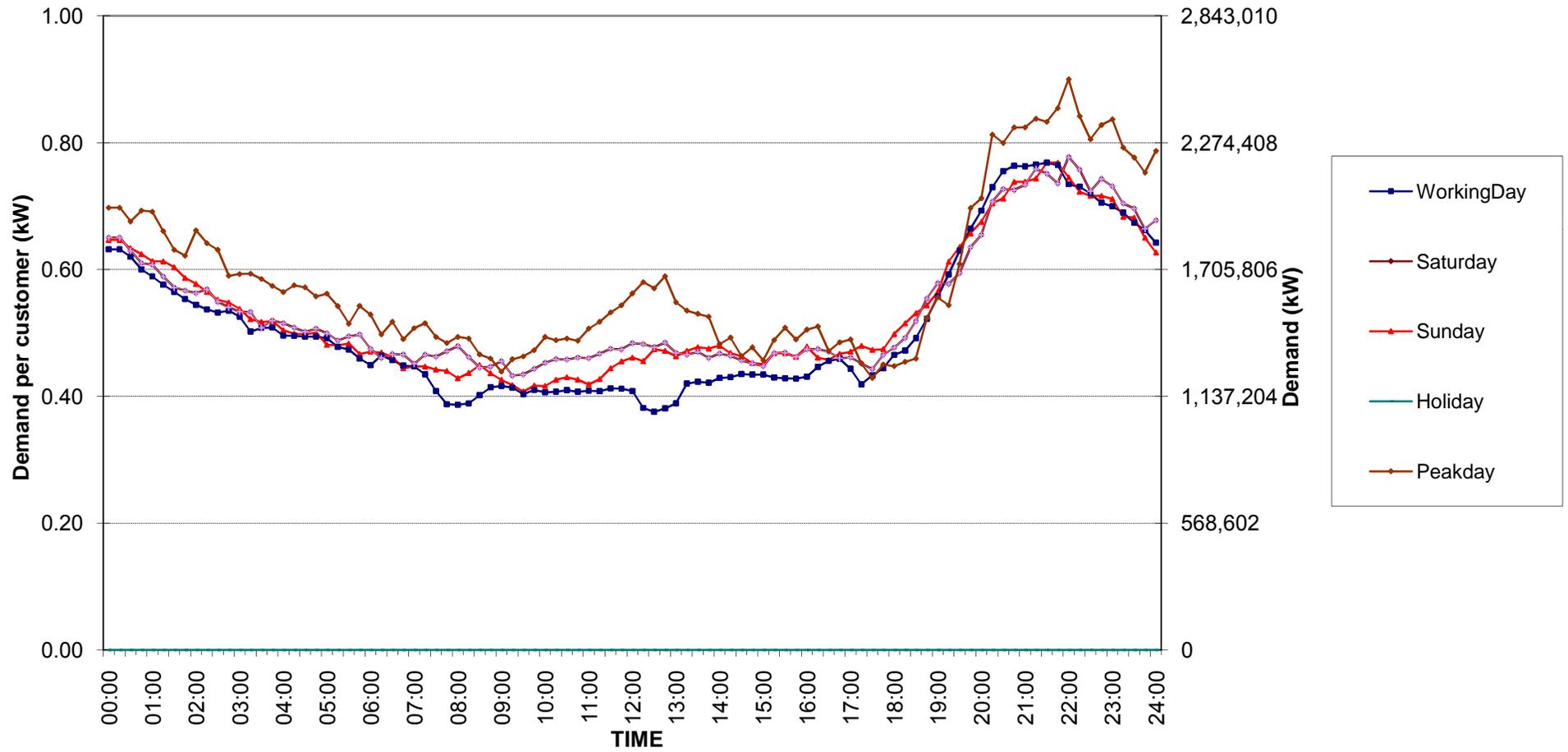
Number of sample customers = 52



Residential ( Energy Consumption more than 150 kWh per month )

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 119

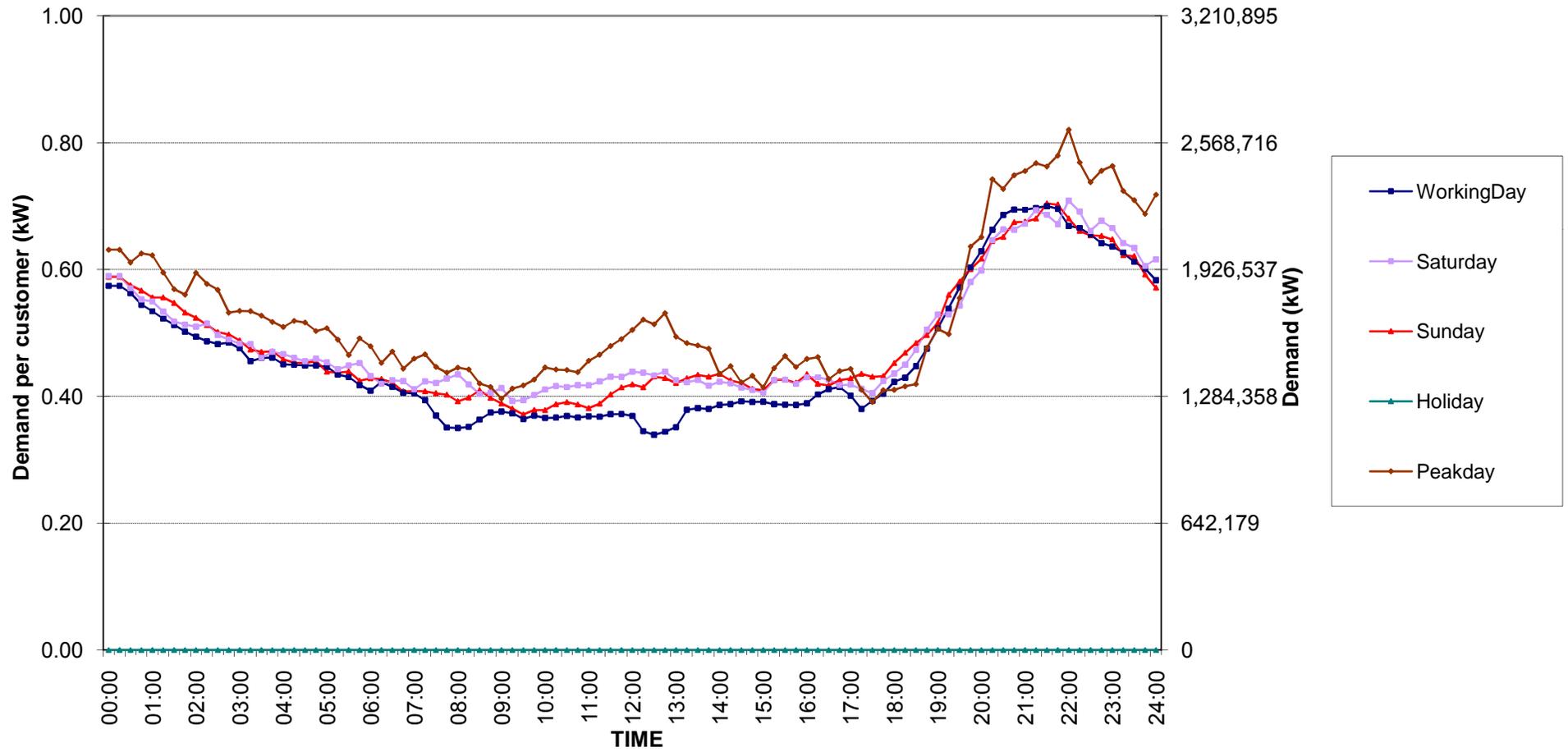


กราฟรูปที่ 2

# Residential Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 171

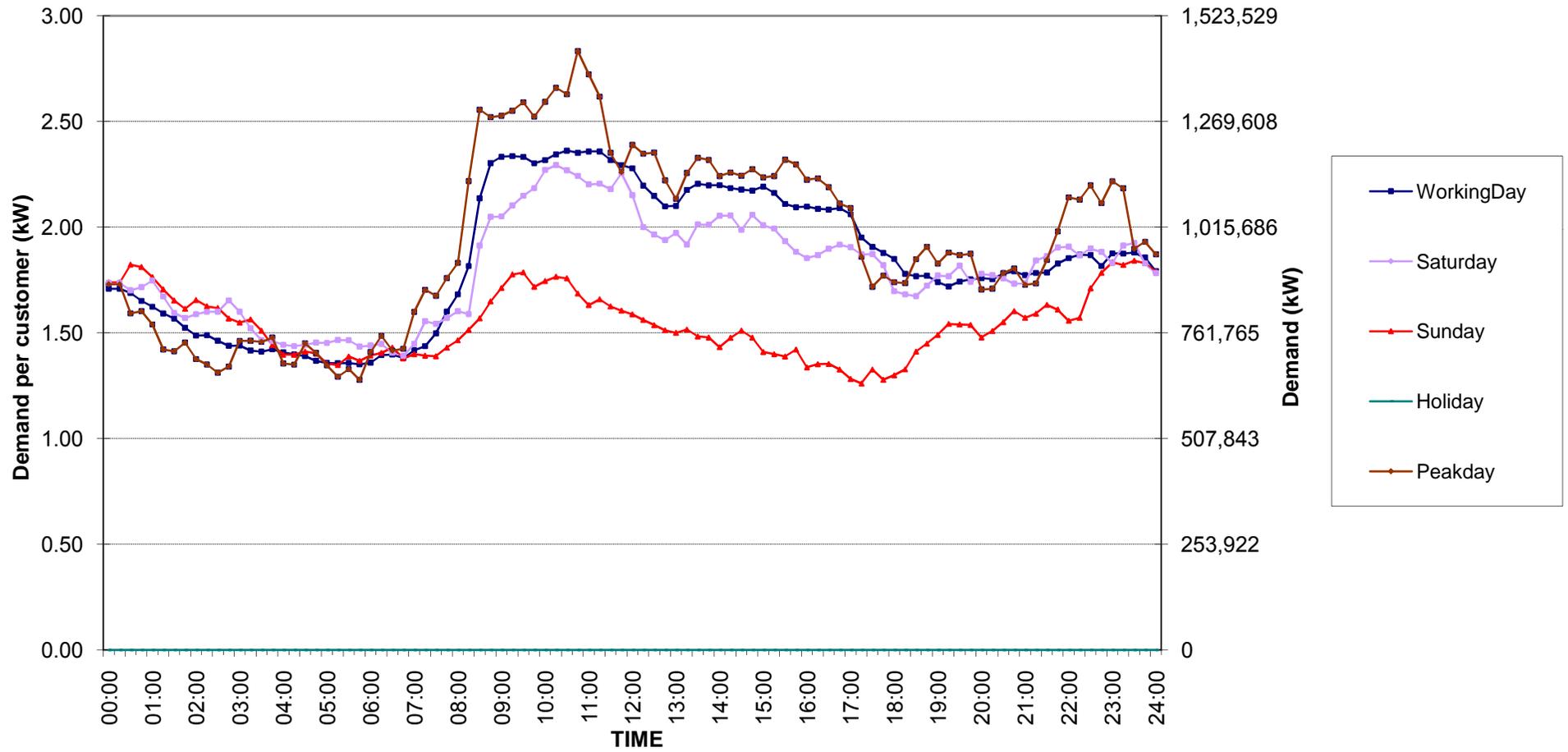


กราฟรูปที่ 3

# Small General Services Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 258

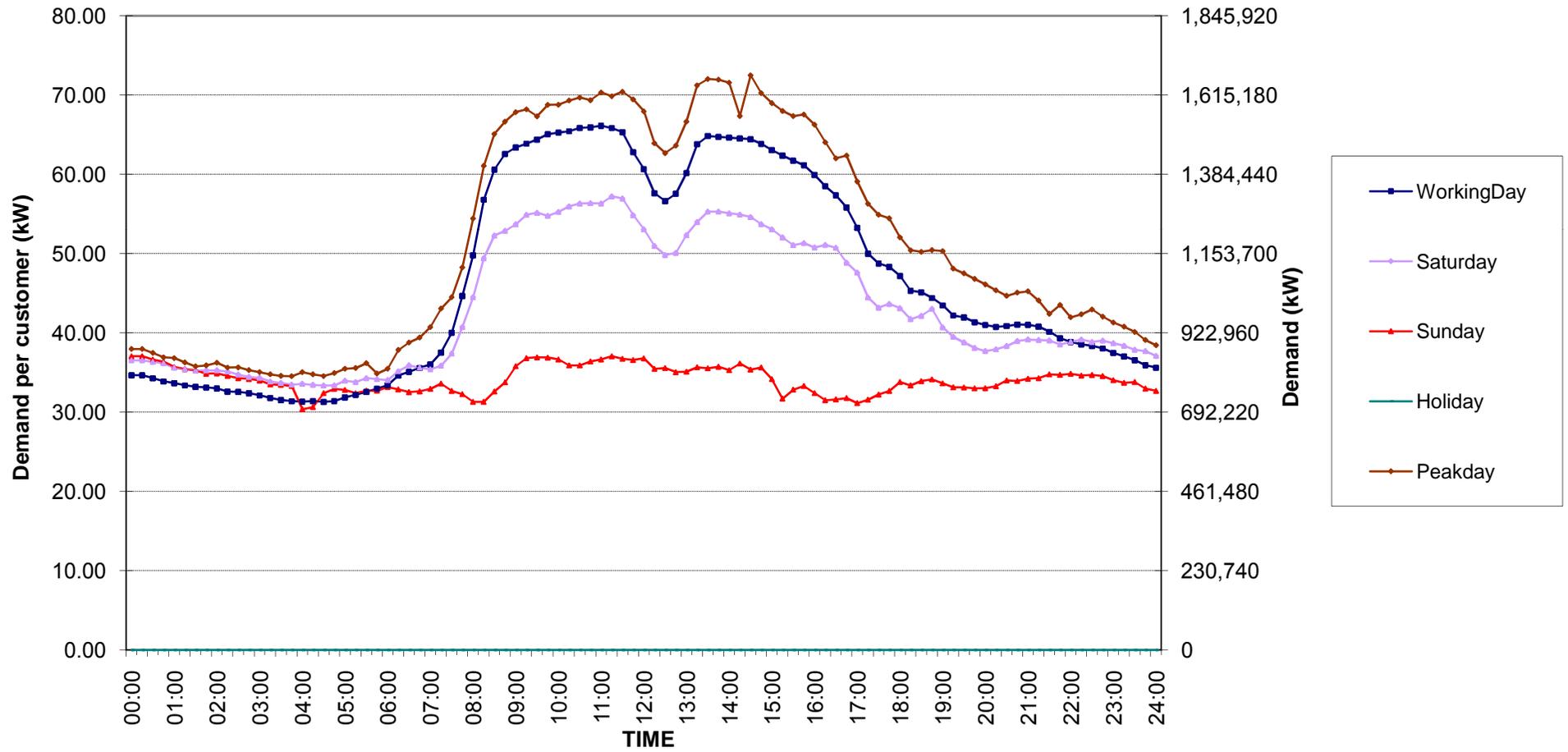


กราฟรูปที่ 4

# Medium General Services Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 165

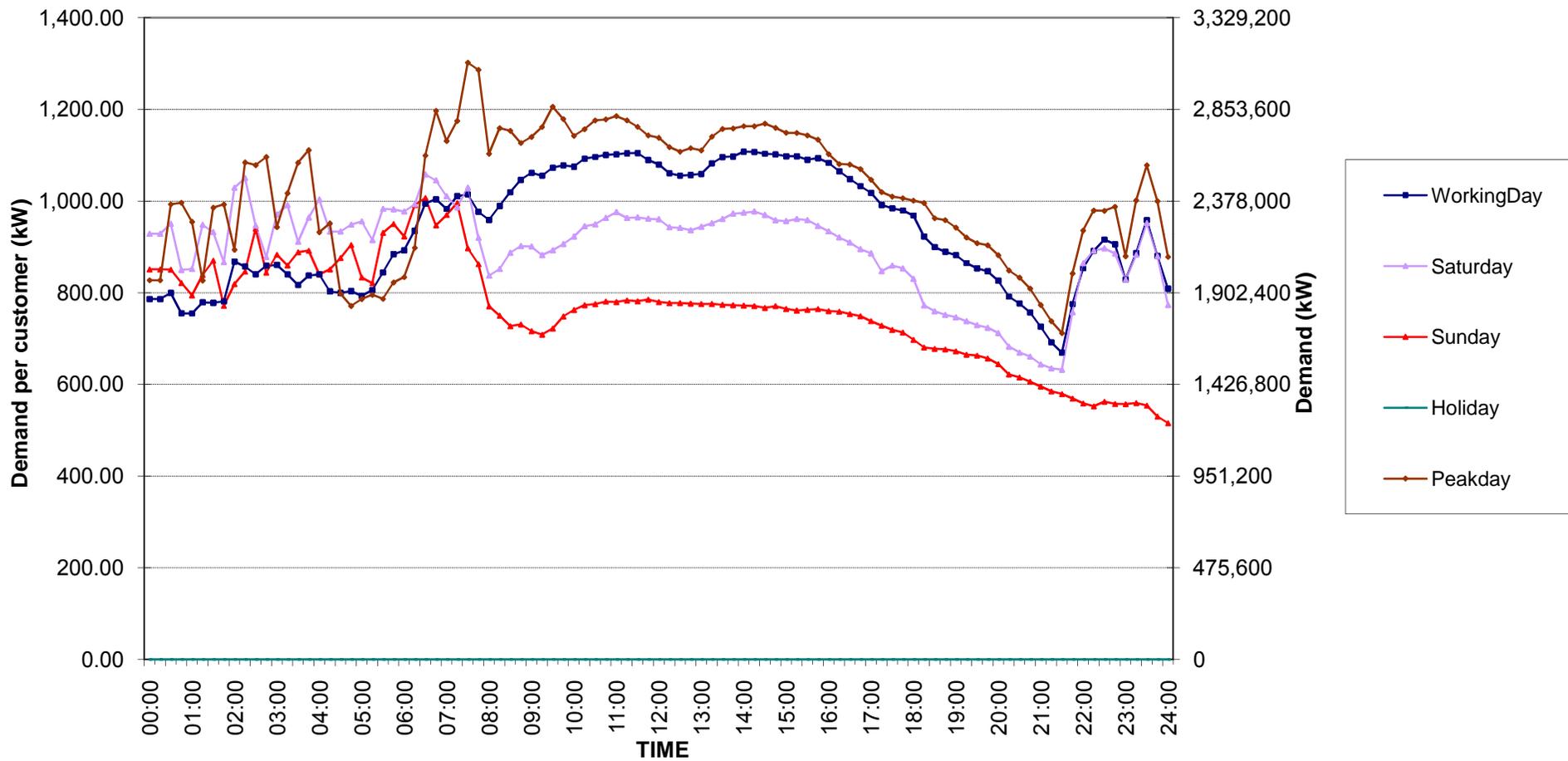


กราฟรูปที่ 5

# Large General Services Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 284



กราฟรูปที่ 6

### Specific Business Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 74

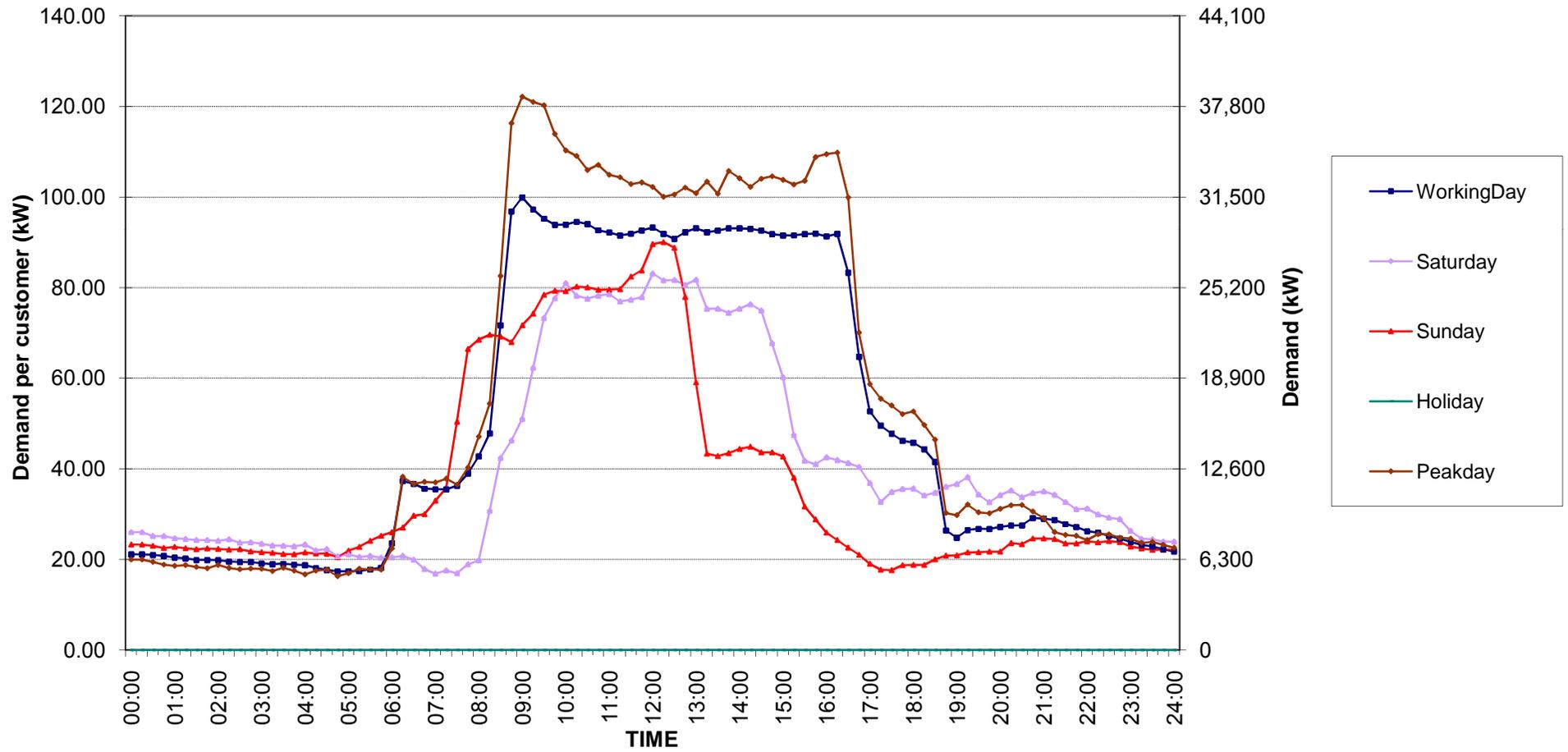


กราฟรูปที่ 7

# Non-profit organizations Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 50

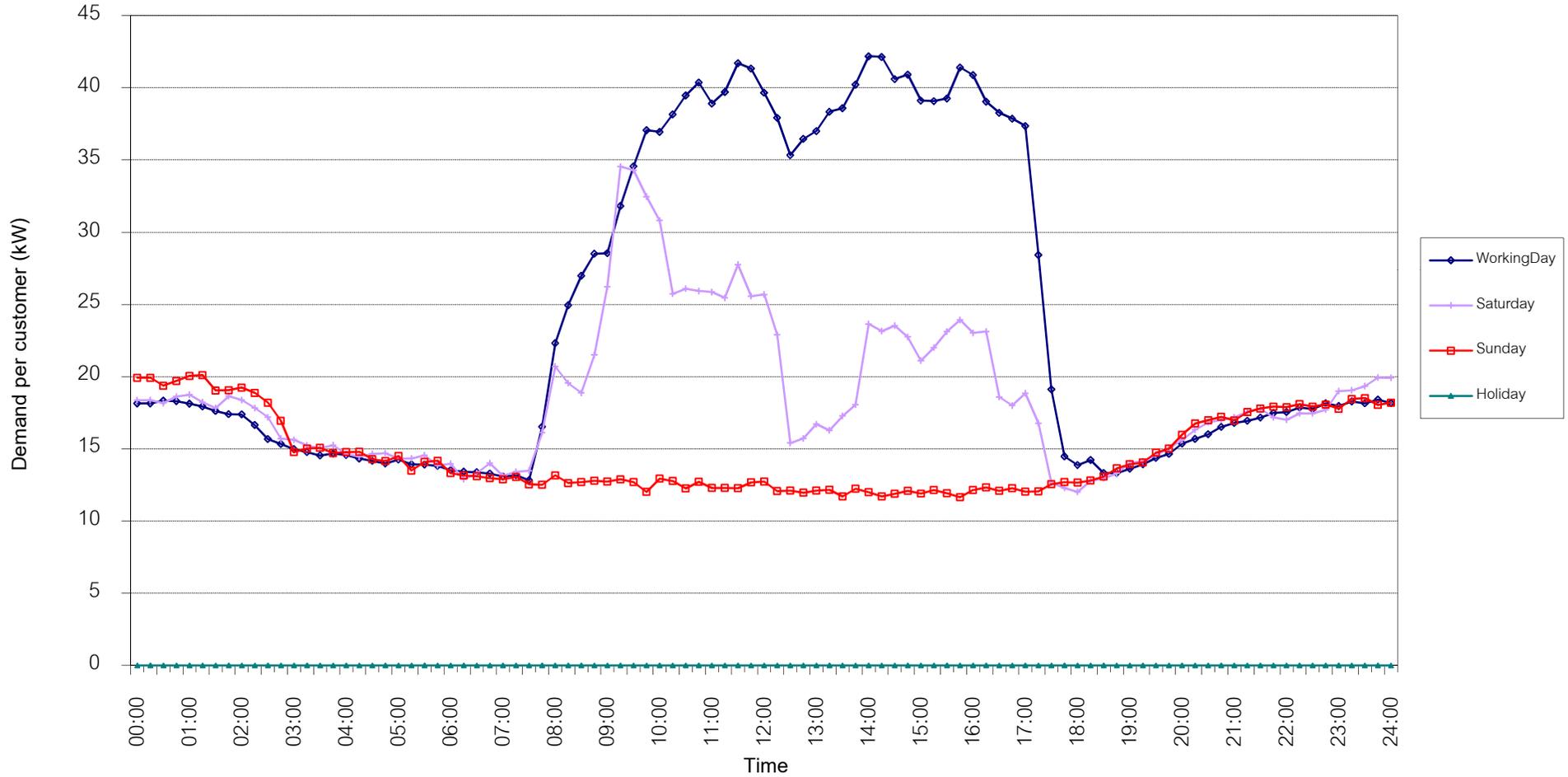


กราฟรูปที่ 8

TSIC 31 (Food Processing) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 32

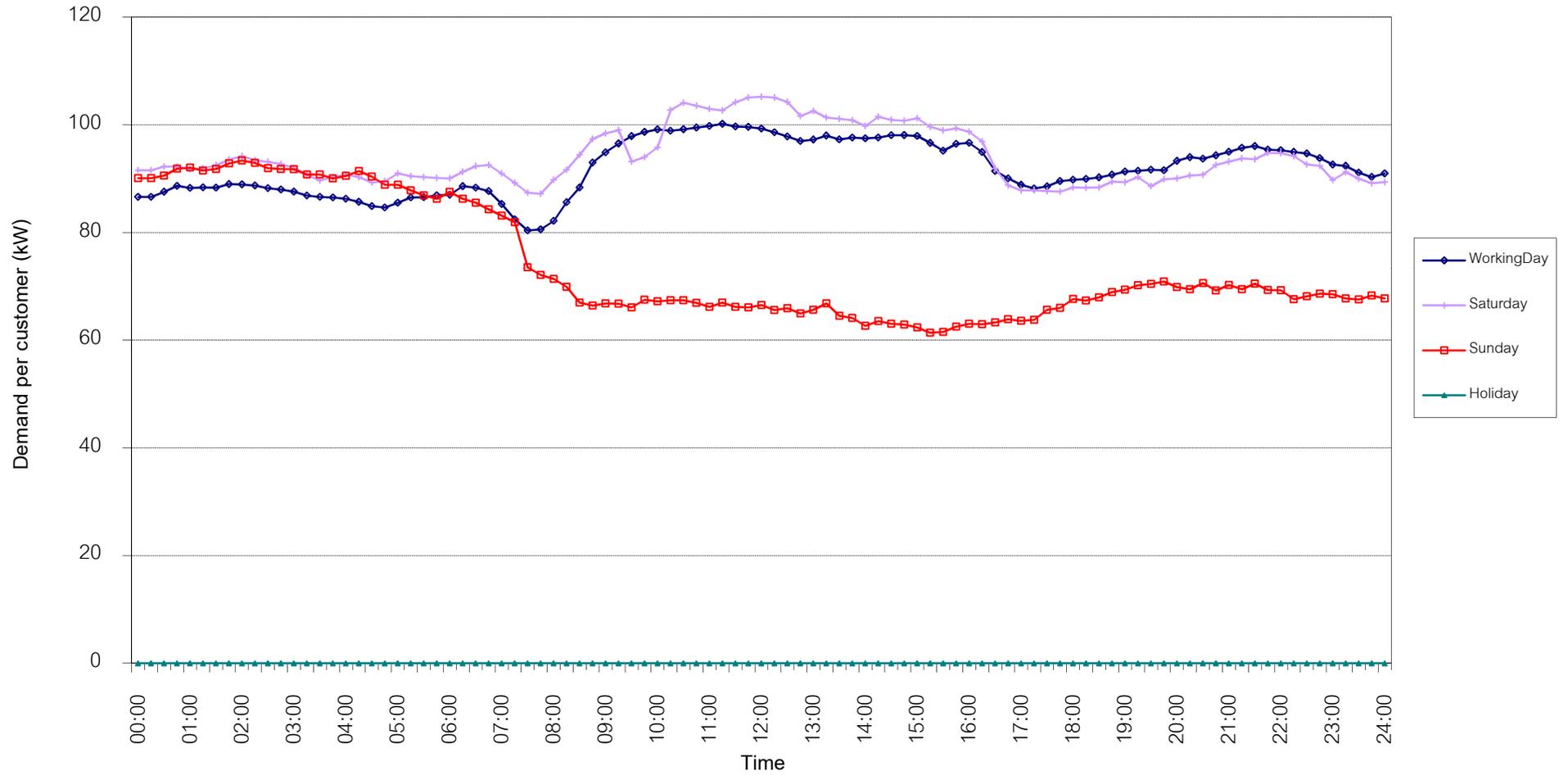


กราฟรูปที่ 9

### TSIC 32 (Textiles) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 67

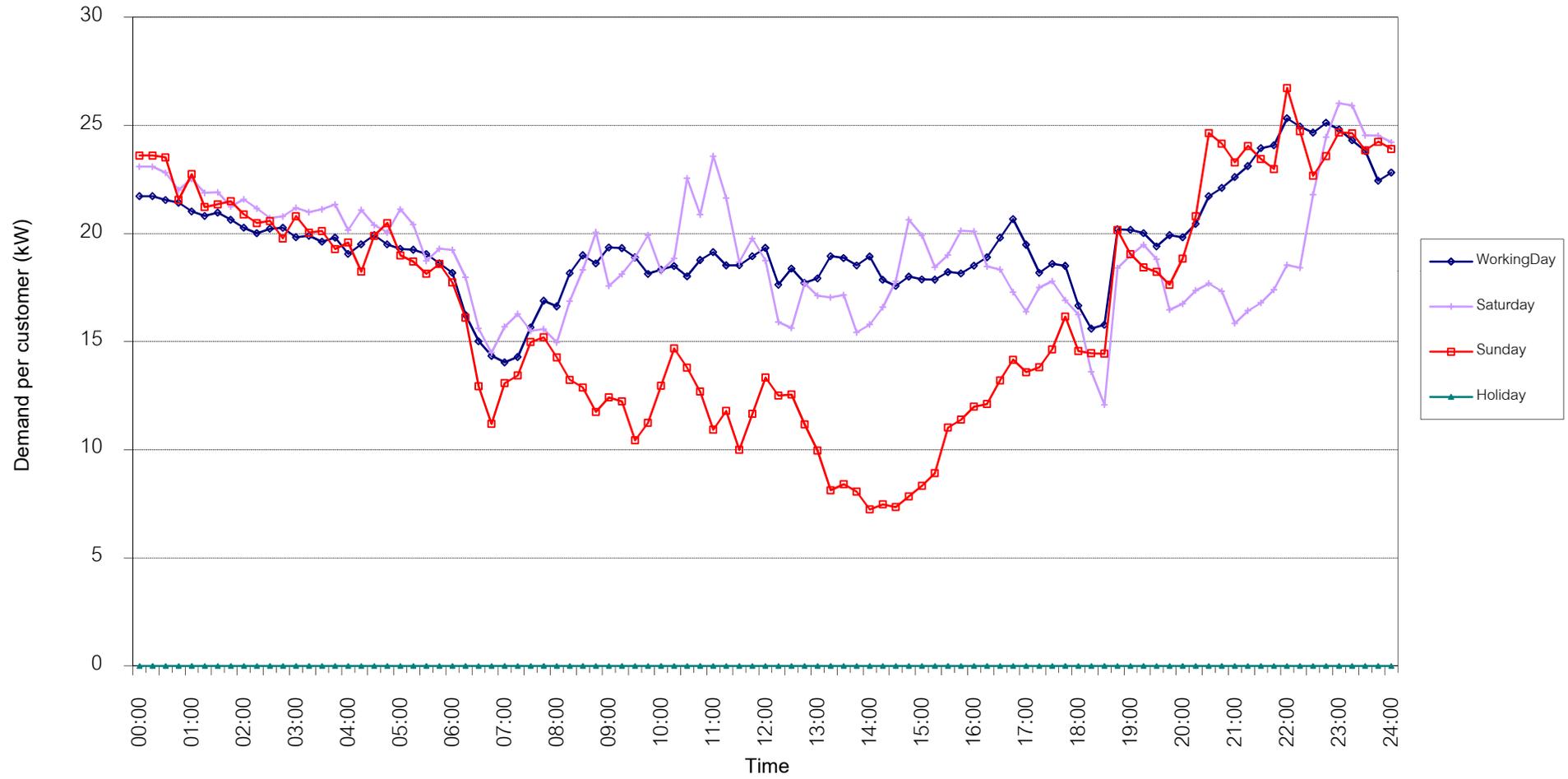


กราฟรูปที่ 10

TSIC 34 (Paper & Printing) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 12

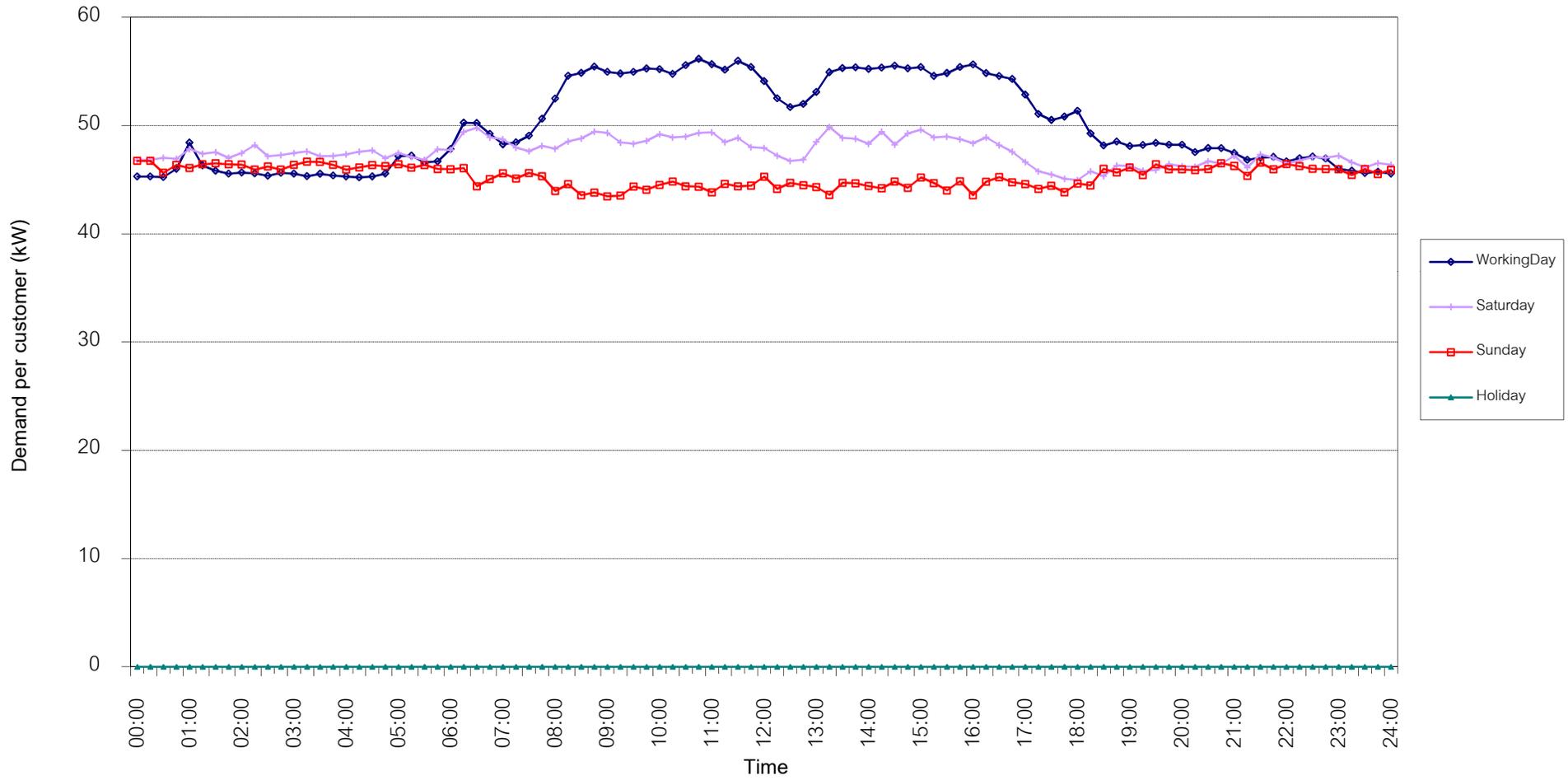


กราฟรูปที่ 11

### TSIC 35 (Chemical & Petroleum) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 75

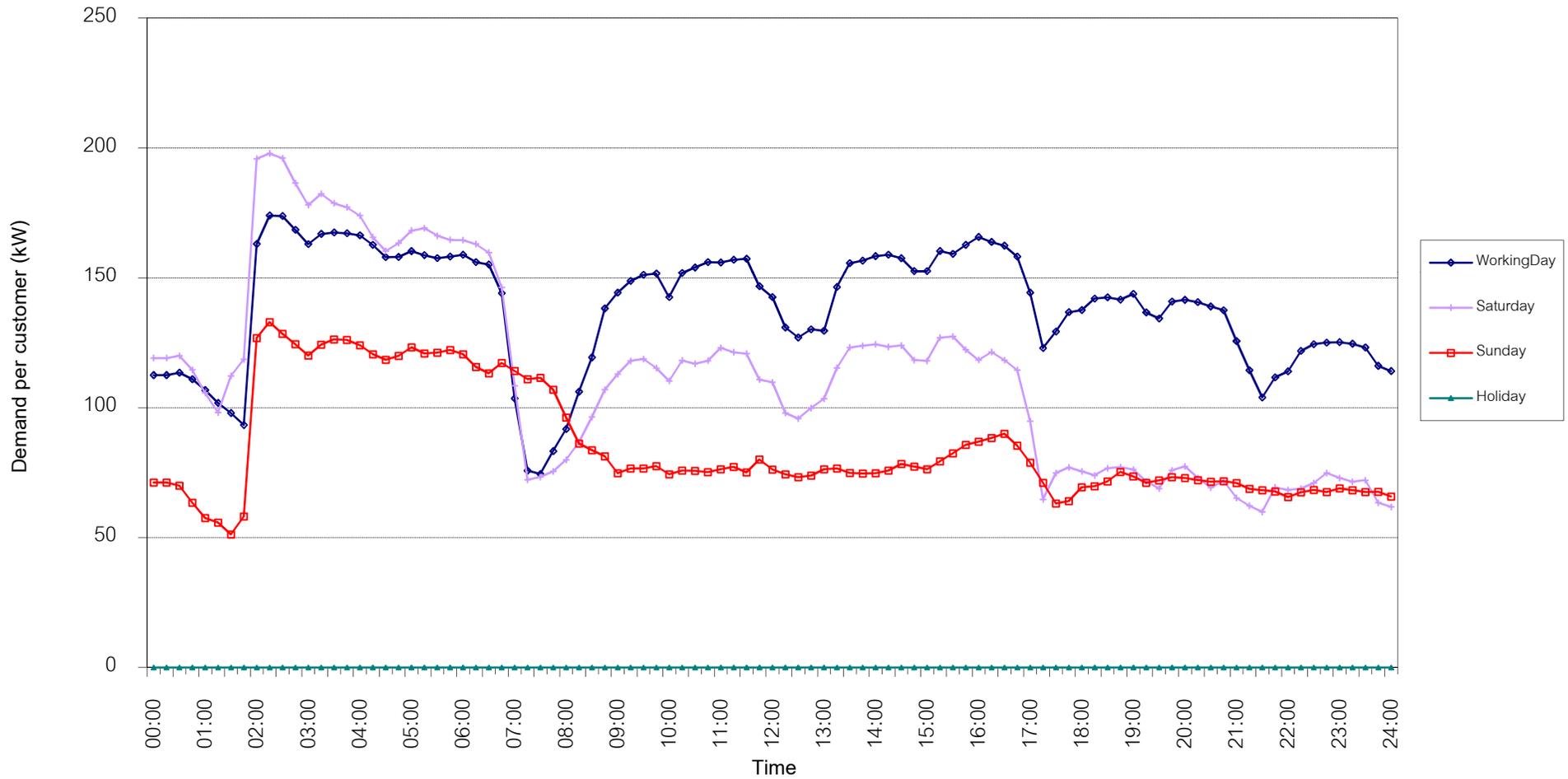


กราฟรูปที่ 12

TSIC 38 (Fabricated Metal Products) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 62

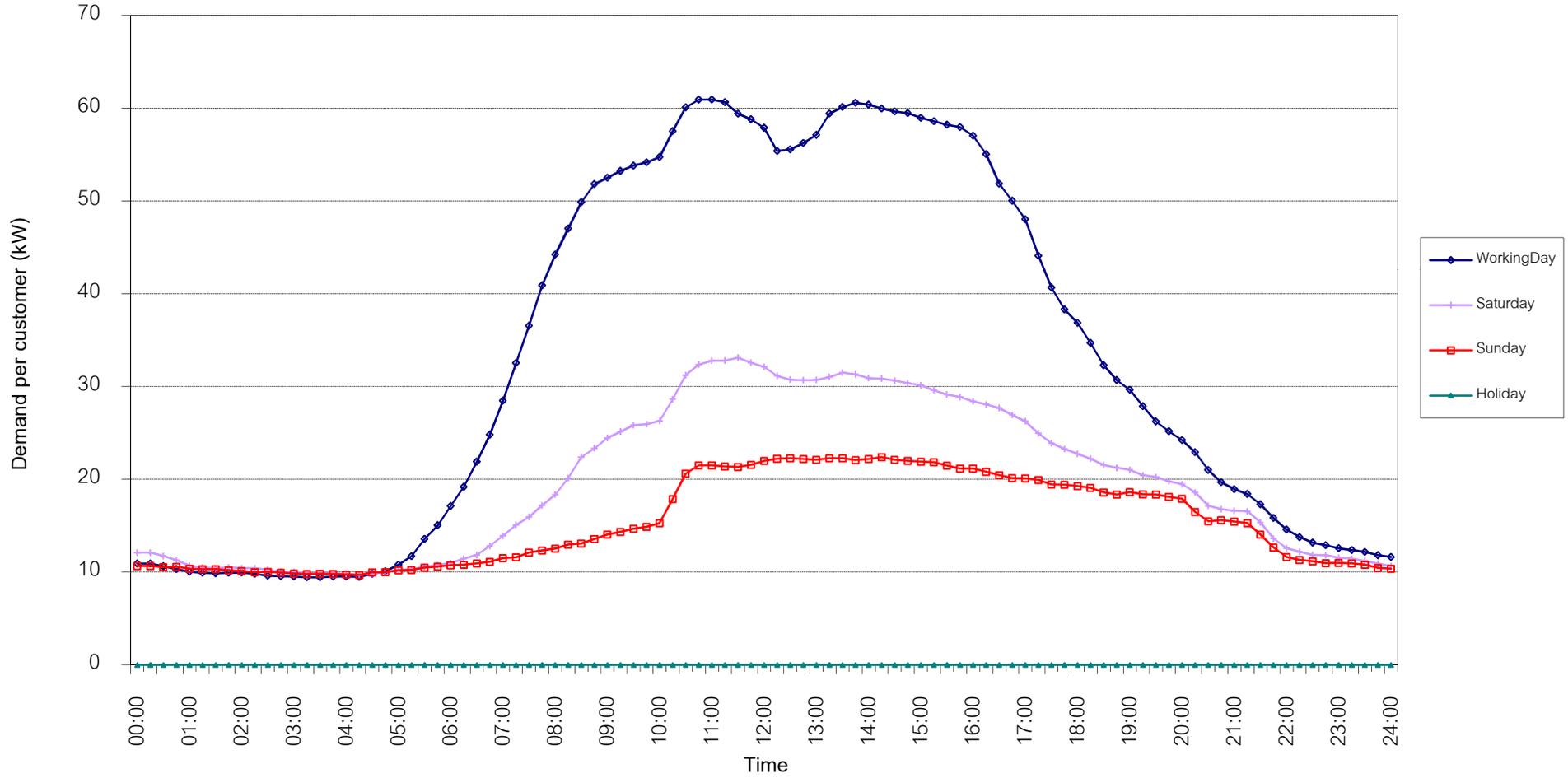


กราฟรูปที่ 13

TSIC 61 (Wholesale Trade) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 48

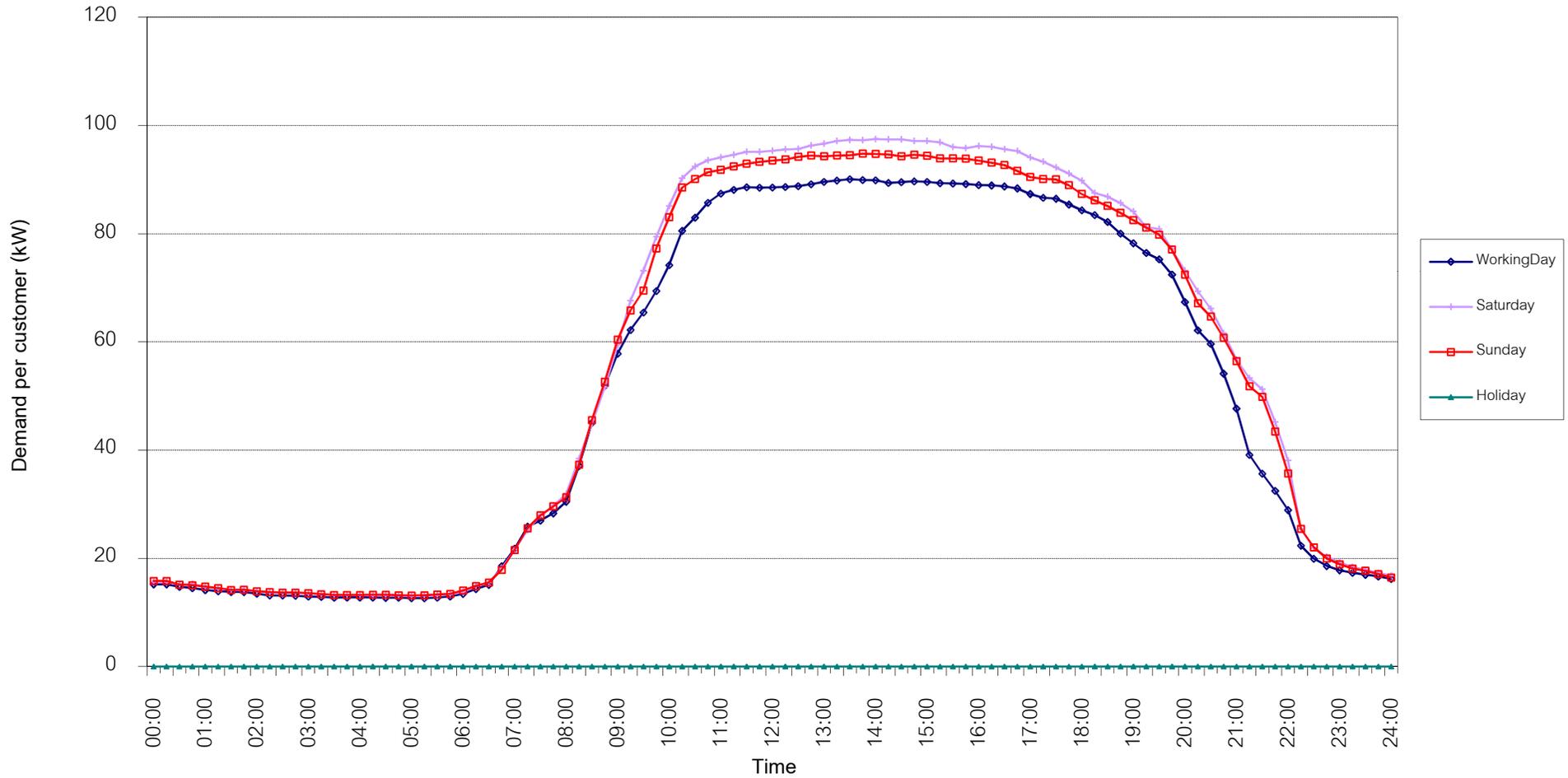


กราฟรูปที่ 14

TSIC 62 (Retail Trade) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 93

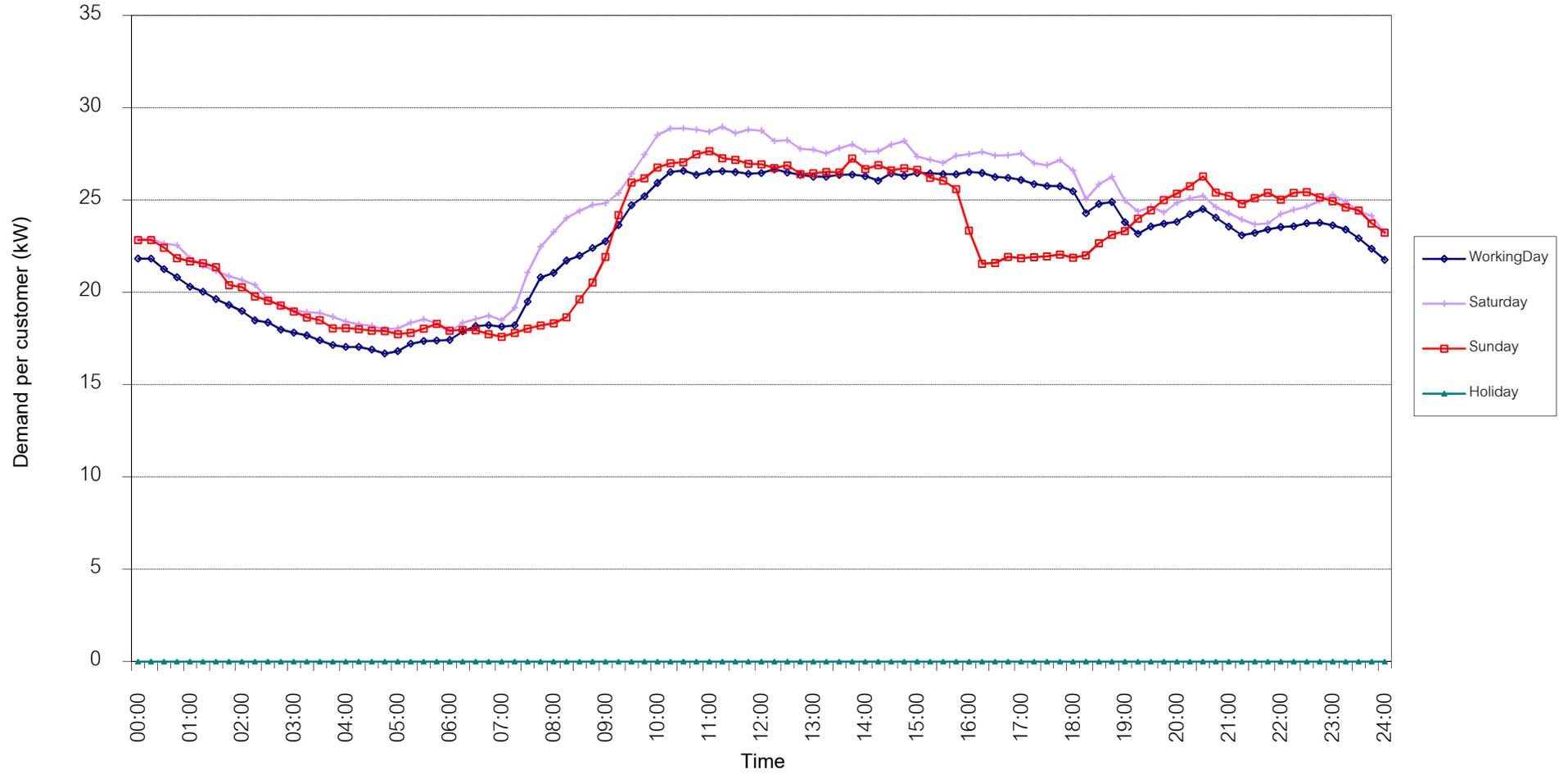


กราฟรูปที่ 15

TSIC 63 (Hotels and restaurants) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 117

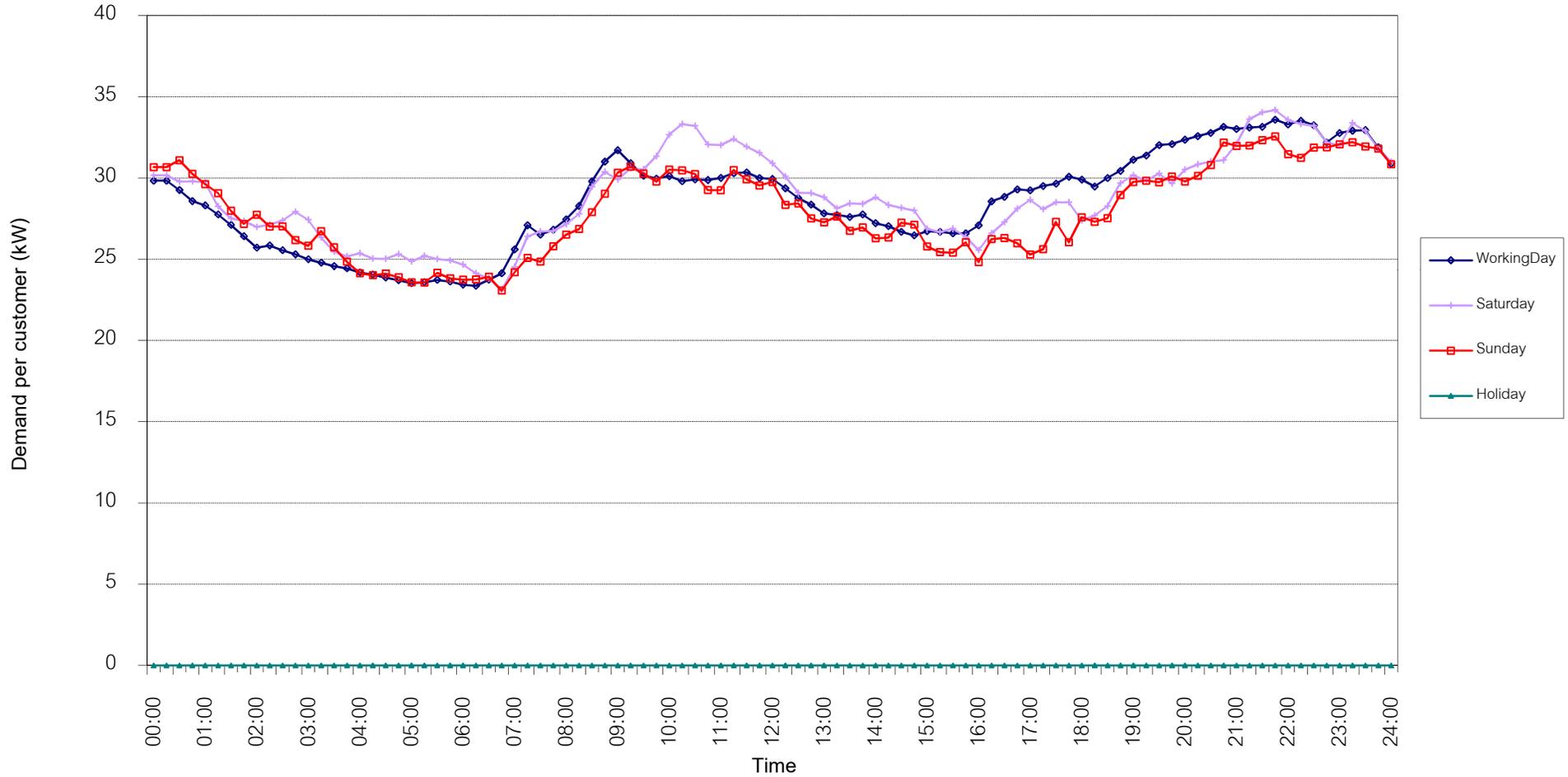


กราฟรูปที่ 16

TSIC 83 (Real Estate) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 47

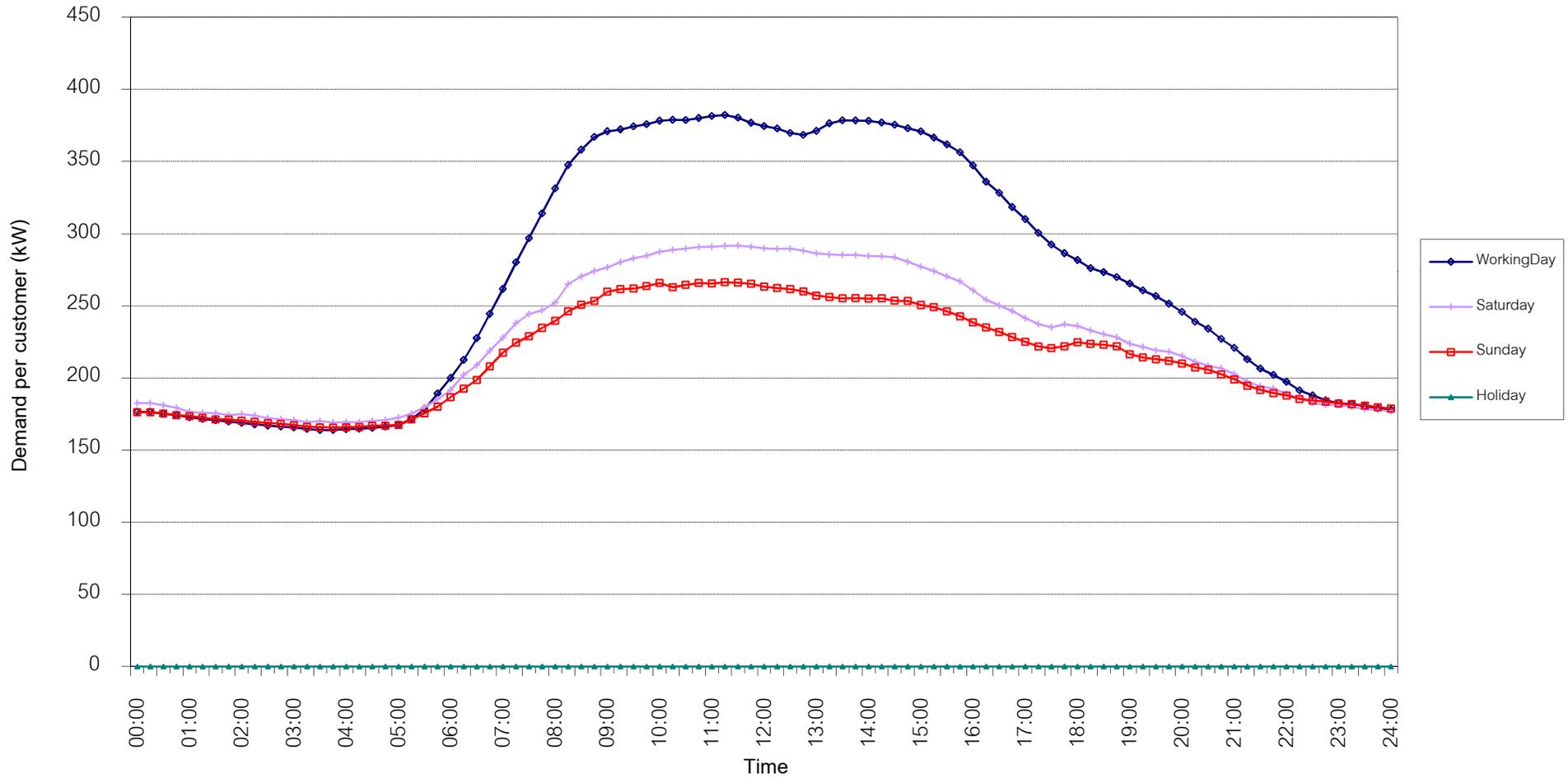


กราฟรูปที่ 17

TSIC 93 (Social Services) Load Profile

Date: 1 Aug, 2018 to 31 Aug, 2018

Number of sample customers = 27



กราฟรูปที่ 18

# MEA's System Load Profile

Peak Day 23 Aug, 2018 at 14:30

