



รายการอ้างอิง

ภาษาไทย

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ภาคผนวก ก.

แสดงกำลังการผลิตสูงสุด และปริมาณการใช้สารสั้มแยกตามเขตของ
การประปาส่วนภูมิภาค โดยแต่ละเขตเป็น ดังนี้ คือ

- เขต 1 ชลบุรี
- เขต 2 สระบุรี
- เขต 3 ราชบุรี
- เขต 4 สุราษฎร์ธานี
- เขต 5 สงขลา
- เขต 6 ขอนแก่น
- เขต 7 อุตรธานี
- เขต 8 อุบลราชธานี
- เขต 9 เชียงใหม่
- เขต 10 นครสวรรค์

เขต 1 : ชลบุรี

| การประปา | กำลังการผลิต ลบ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|--------------|-----------------------|---------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| ทนมเสารคาม | 100 | 3,000 | 4,000 | 2,000 | 3,000 | 1,000 | 3,000 | 3,000 | 3,000 | 5,000 | 4,000 | 4,000 | 4,000 | 39,000 |
| ระยอง | 1,400 | 29,725 | 23,275 | 32,605 | 37,770 | 28,125 | 34,800 | 39,025 | 44,190 | 35,585 | 39,800 | 44,500 | 36,550 | 425,950 |
| บ้านประคอง | 200 | 2,975 | 5,575 | 6,975 | 7,350 | 5,525 | 6,525 | 4,700 | 5,025 | 5,125 | 6,125 | 4,300 | 6,750 | 66,950 |
| ปากน้ำประเส | 100 | 3,000 | 4,000 | 3,000 | 3,000 | 1,500 | 1,700 | 1,500 | 1,600 | 1,700 | 1,700 | 2,100 | 4,300 | 29,100 |
| ฉะบุรี | 910 | 9,000 | 9,000 | 11,300 | 20,000 | 18,000 | 24,700 | 21,900 | 17,500 | 17,400 | 20,300 | 19,000 | 14,600 | 202,700 |
| คลัง | 140 | 475 | 1,075 | - | 375 | 625 | 500 | 700 | 550 | 900 | 1,000 | 325 | 825 | 7,350 |
| ตราด | 410 | 1,950 | 2,025 | 2,050 | 1,975 | 1,650 | 1,850 | 2,075 | 2,250 | 2,625 | 3,375 | 3,325 | 2,575 | 27,725 |
| คลองใหญ่ | 70 | - | - | 440 | 350 | 200 | 275 | 825 | 150 | 108 | 75 | 175 | 350 | 2,948 |
| บัวราย | 50 | 350 | 400 | 400 | 400 | 400 | 450 | 400 | 500 | 450 | 350 | 250 | 150 | 4,500 |
| แหลมฉบัง | 340 | 7,600 | 6,650 | 4,800 | 5,400 | 5,600 | 7,000 | 9,000 | 11,000 | 9,400 | 10,625 | 7,600 | 8,800 | 93,476 |
| บ้านฉาง | 100 | 4,650 | 4,500 | 4,500 | 4,400 | 4,200 | 4,800 | 4,500 | 4,100 | 5,050 | 4,650 | 3,000 | 2,900 | 51,250 |
| ชลบุรี | 2,000 | 75,500 | 76,500 | 73,900 | 70,525 | 66,500 | 72,725 | 68,750 | 70,725 | 68,250 | 74,425 | 86,550 | 83,200 | 867,550 |
| บ้านบึง | 40 | 1,390 | 1,350 | 1,000 | 725 | - | 1,825 | 2,425 | 3,025 | 2,600 | 2,750 | 3,550 | 2,550 | 23,272 |
| พนัสนิคม | 90 | 6,050 | 5,700 | 5,850 | 5,650 | 6,575 | 6,600 | 6,450 | 6,400 | 6,000 | 5,900 | 4,860 | 4,100 | 70,136 |
| ป่าดง-บัวตอง | 60 | 600 | 550 | 650 | 775 | 500 | 625 | 550 | 525 | 600 | 600 | 640 | 650 | 7,465 |
| พัตยา | 1,860 | 68,775 | 59,800 | 56,700 | 51,075 | 36,075 | 55,525 | 49,950 | 47,475 | 40,750 | 46,800 | 52,200 | 53,400 | 618,525 |
| ตะเพิงเตตรา | 460 | 8,425 | 10,900 | 12,175 | 11,775 | 10,750 | 18,750 | 13,750 | 14,725 | 14,300 | 17,350 | 18,900 | 14,200 | 166,000 |
| บางคล้า | 140 | - | - | - | - | - | - | 425 | 1,925 | 2,650 | 1,660 | 750 | 125 | 7,535 |
| รวม | 8470 | 223665 | 215300 | 218345 | 224646 | 187225 | 241925 | 229925 | 224665 | 218493 | 241486 | 256025 | 240026 | 2731430 |

เขต ๔ : สระบุรี

| การประปา | ค่าจ้างการผลิต ค.บ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|------------------------|--------------------------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| หนองโคม-พระพุทธรบาท | 200 | 4,947 | 3,395 | 2,964 | 2,968 | 2,980 | 2,500 | 2,850 | 3,090 | 6,165 | 4,755 | 3,925 | 4,375 | 44,914 |
| หนองแค | 330 | 14,750 | 11,900 | 11,900 | 12,000 | 10,500 | 11,050 | 11,250 | 8,625 | 11,250 | 12,250 | 12,000 | 30,875 | 158,350 |
| ถพบุรี-พิบูลย์สงคราม | 2,740 | 56,400 | 38,550 | 23,875 | 22,300 | 20,375 | 24,725 | 22,175 | 22,375 | 62,175 | 49,650 | 44,600 | 54,025 | 441,225 |
| บ้านหมี่ - โคกสำโรง | 280 | 6,350 | 6,275 | 4,925 | 5,600 | 5,425 | 5,675 | 3,725 | 3,750 | 8,700 | 7,450 | 5,300 | 6,150 | 69,325 |
| ชัยบาดาล | 80 | 5,100 | 5,075 | 3,050 | 3,375 | 2,125 | 1,825 | 9,050 | 13,475 | 13,000 | 13,500 | 21,500 | 5,000 | 96,075 |
| สิงห์บุรี - โคกสามหมอก | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| บางกระซัง | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| อ่างทอง | 330 | 5,002.09 | 3,864.92 | 2,518 | 2,859.22 | 2,356.40 | 2,330.80 | 3,353.90 | 2,427.07 | 3,581.02 | 3,355.95 | 3,363.14 | 3,536.41 | 38,648.92 |
| ป่าโมกข์ | 80 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| วิเศษชัยชาญ | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ชัยนาท - ทุ่งค้อ | 250 | 8,125 | 4,775 | 3,075 | 2,725 | 2,650 | 2,900 | 2,625 | 2,975 | 6,775 | 5,800 | 6,975 | 9,825 | 59,225 |
| สุพรรณบุรี | 340 | 9,325 | 5,625 | 3,500 | 3,750 | 3,470 | 3,350 | 2,500 | 2,750 | 6,925 | 5,000 | 5,650 | 6,175 | 58,020 |
| ศรีประจันต์ | 60 | 4,000 | 4,000 | 3,000 | 4,000 | 3,000 | 3,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 46,000 |
| เดิมบ้านนาบัว | 180 | 2,300 | 1,500 | 1,200 | 1,500 | 1,800 | 2,000 | 2,200 | 2,300 | 3,400 | 3,500 | 3,500 | 2,000 | 27,000 |
| แตงยาง | 100 | 3,500 | 3,000 | 1,500 | 1,500 | 1,500 | 500 | 500 | 500 | 750 | 750 | 500 | 3,500 | 18,000 |
| สระใหญ่ | 150 | 4,389 | 4,525 | 4,650 | 4,650 | 3,100 | 4,650 | 4,500 | 4,650 | 5,245 | 4,875 | 9,300 | 3,850 | 58,384 |
| นครนายก | 400 | 2,500 | 2,500 | 2,500 | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 | 4,500 | 4,500 | 3,000 | 2,000 | 32,500 |
| บ้านนา | 160 | 3,000 | 2,750 | 3,000 | 3,700 | 3,000 | 3,000 | 2,500 | 3,000 | 3,500 | 3,500 | 3,500 | 3,500 | 37,950 |
| ปราจีนบุรี | 660 | 11,000 | 10,000 | 12,000 | 12,000 | 10,000 | 11,000 | 8,000 | 15,000 | 18,000 | 18,000 | 16,000 | 18,000 | 159,000 |
| อรัญประเทศ | 80 | 2,500 | 5,450 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 5,000 | 5,000 | 2,000 | 4,000 | 5,000 | 41,450 |
| กบินทร์บุรี | 160 | 6,000 | 3,000 | 3,500 | 3,500 | 3,600 | 4,400 | 4,900 | 8,500 | 6,500 | 6,700 | 5,100 | 6,000 | 61,700 |
| วัฒนานคร | 100 | 2,000 | 2,000 | 1,700 | 1,600 | 1,500 | 1,100 | 1,200 | 800 | 1,200 | 2,100 | 1,900 | 1,400 | 18,500 |
| สามชัย | 80 | 1,300 | 1,200 | 1,000 | 1,000 | 800 | 3,000 | 3,350 | 3,000 | 3,400 | 2,800 | 2,500 | 2,300 | 26,650 |
| ม่วงเหล็ก | 70 | 2,500 | 500 | 750 | 750 | 500 | 250 | 1,000 | 1,500 | 3,250 | 5,000 | 9,550 | 8,450 | 34,000 |
| บ้านหมอก | 50 | 1,575 | 1,050 | 1,375 | 750 | 750 | 625 | 1,000 | 875 | 1,500 | 1,800 | 1,250 | 1,875 | 14,425 |
| สระแก้ว | 80 | 5,150 | 2,475 | 1,000 | 1,250 | 1,450 | 2,075 | 1,400 | 9,050 | 5,975 | 6,825 | 3,300 | 5,975 | 45,925 |
| รวม | 7098 | 161713 | 123410 | 93482 | 94777 | 86181 | 94455 | 96579 | 120642 | 195591 | 168111 | 170713 | 187811 | 1562067 |

เขต 3 : ราชบุรี

| การประปา | กำลังการผลิต ที่ใช้ (ลบ.ม.) | ต.ค. | พ.ย. | ธ.ค. | ม.ค. | ก.พ. | มี.ค. | เม.ย. | พ.ค. | มิ.ย. | ก.ค. | ส.ค. | ก.ย. | รวม |
|-------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| ปทุมธานี | | - | - | - | - | - | - | - | - | - | - | - | - | |
| จังหวัด | 30 | 825 | 825 | 825 | 820 | 800 | 805 | 800 | 805 | 800 | - | - | - | 7,305 |
| เสนา | 40 | - | - | - | - | - | - | - | - | - | - | - | - | |
| บั๊กไ้ | 40 | - | - | - | - | - | - | - | - | - | - | - | - | |
| กาญจนบุรี | 640 | 26,500 | 10,000 | 4,000 | 6,000 | 6,000 | 8,000 | 5,800 | 9,000 | 4,700 | 5,800 | 5,700 | 13,700 | 104,200 |
| ทามากา | 100 | - | - | - | - | - | - | - | - | - | - | - | - | |
| บ้านพวง | 80 | 400 | 250 | 400 | 500 | 700 | 600 | 500 | 925 | 600 | 500 | 500 | - | 5,875 |
| ป่าตอ | 200 | 1,550 | 2,200 | 2,500 | 2,000 | 1,400 | 1,425 | 1,500 | 1,850 | 850 | 750 | 750 | 550 | 17,325 |
| ดำเนินสะดวก | 100 | - | - | - | - | - | - | - | - | - | - | - | - | |
| สมุทรสาคร | | - | - | - | - | - | - | - | - | - | - | - | - | |
| อ้อมน้อย | | - | - | - | - | - | - | - | - | - | - | - | - | |
| สมุทรสงคราม | | - | - | - | - | - | - | - | - | - | - | - | - | |
| เพชรบุรี | 530 | 32,175 | 29,700 | 18,100 | 18,625 | 21,000 | 26,450 | 21,400 | 30,550 | 20,175 | 6,400 | 20,325 | 33,275 | 278,175 |
| ประจวบคีรีขันธ์ | 300 | 12,750 | 6,800 | 5,475 | 7,200 | 6,350 | 6,925 | 7,575 | 7,950 | 31,100 | 7,825 | 7,400 | 7,425 | 114,775 |
| กาญบุรี | 140 | 1,500 | 2,700 | 500 | 500 | 600 | 2,200 | 1,000 | 800 | 1,600 | 1,000 | 1,200 | 1,300 | 14,900 |
| ปราจีนบุรี | 450 | 6,375 | 3,700 | 2,475 | 2,575 | 1,950 | 2,475 | 2,050 | 3,100 | 4,275 | 2,350 | 2,900 | 2,925 | 37,150 |
| สามพราน-นครชัยศรี | | - | - | - | - | - | - | - | - | - | - | - | - | |
| จอมบึง | 60 | 1,400 | 1,300 | 1,075 | 1,075 | 1,000 | 1,600 | 1,450 | 1,400 | 1,300 | 1,000 | 975 | 1,150 | 14,725 |
| ลี้วรรณ | 60 | 1,000 | 825 | 700 | 400 | 400 | 650 | 1,000 | 1,000 | 1,025 | 1,225 | 975 | 1,000 | 10,200 |
| ป่าสี | 50 | 3,875 | 3,750 | 3,875 | 3,875 | 3,500 | 3,875 | 3,750 | 3,875 | 3,750 | 3,875 | 3,875 | 3,875 | 45,750 |
| พระนครศรีอยุธยา | | - | - | - | - | - | - | - | - | - | - | - | - | |
| รวม | 2830 | 68350 | 62050 | 39925 | 43570 | 43700 | 55005 | 46325 | 61255 | 70175 | 30725 | 43525 | 65200 | 650380 |

เขต 4 : สุราษฎร์ธานี

| พื้นที่ | กำลังการผลิต | ต.ค. | พ.ย. | ธ.ค. | ม.ค. | ก.พ. | มี.ค. | เม.ย. | พ.ค. | มิ.ย. | ก.ค. | ส.ค. | ก.ย. | รวม |
|--------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| สุราษฎร์ธานี | 1,060 | 14,750 | 19,100 | 15,575 | 13,400 | 11,950 | 10,600 | 11,250 | 10,665 | 16,700 | 19,050 | 11,000 | 12,875 | 166,915 |
| บางนาสาร | 100 | 475 | 425 | 400 | 375 | 300 | 375 | 350 | 375 | 400 | 450 | 512 | 400 | 4,837 |
| ระนอง | 380 | 1,025 | 1,300 | 850 | 1,350 | 1,450 | 1,550 | 2,500 | 3,500 | 2,875 | 2,100 | 1,850 | 1,450 | 21,800 |
| ชุมพร | 550 | 22,600 | 19,450 | 16,400 | 16,875 | 12,350 | 19,200 | 19,100 | 23,850 | 26,175 | 22,750 | 16,600 | 15,750 | 231,100 |
| หลังสวน | 120 | 1,500 | 700 | 1,300 | 1,200 | 600 | 1,350 | 2,280 | 2,100 | 1,825 | 1,750 | 1,475 | 1,100 | 17,180 |
| พังงา | 210 | 5,050 | 4,500 | 4,300 | 4,375 | 3,425 | 3,500 | 3,200 | 2,900 | 3,325 | 5,000 | 5,350 | 4,900 | 49,825 |
| ตะกั่วป่า | 40 | 1,075 | 1,015 | 624 | 667 | 562 | 419 | 502 | 536 | 602 | 798 | 780 | 828 | 8,408 |
| ไทรน้อย | 100 | 750 | 650 | 650 | 600 | 525 | 650 | 700 | 750 | 750 | 775 | 690 | 600 | 8,090 |
| กระบี่ | 250 | 7,000 | 6,500 | 4,175 | 4,575 | 3,250 | 3,250 | 1,500 | 5,500 | 5,000 | 8,000 | 7,000 | 8,500 | 64,250 |
| ปากพนัง | 330 | 7,275 | 9,850 | 11,450 | 13,475 | 10,900 | 10,475 | 10,500 | 11,775 | 10,550 | 11,050 | 11,725 | 6,554 | 125,579 |
| ทุ่งสง | 320 | 2,250 | 1,850 | 2,175 | 1,975 | 1,600 | 1,650 | 3,500 | 3,125 | 2,675 | 2,700 | 2,800 | 2,700 | 29,000 |
| ขา - เขียด | 40 | 1,550 | 1,500 | 1,300 | 2,000 | 1,900 | 1,050 | 1,500 | 2,000 | 2,500 | 800 | 900 | 1,200 | 18,700 |
| ภูเก็ต | 1,000 | 19,300 | 19,200 | 19,500 | 15,000 | 15,000 | 18,000 | 22,000 | 41,950 | 22,500 | 24,500 | 18,500 | 17,000 | 252,450 |
| บ้านนาชั้น | 87.50 | 425 | 450 | 550 | 825 | 800 | 700 | 525 | 700 | 325 | 550 | 450 | 500 | 6,800 |
| เกาะสมุย | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| กาญจนดิษฐ์ | 50 | 4,400 | 3,000 | 3,100 | 3,100 | 2,800 | 1,750 | 1,700 | 1,475 | 750 | 625 | 450 | 450 | 23,600 |
| จังหวัด | 65 | 500 | 500 | 450 | 450 | 500 | 450 | 475 | 450 | 300 | 475 | 300 | 275 | 5,625 |
| นคม | 30 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ไชยยา | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| รวม | 4732.5 | 69925 | 89990 | 82799 | 60242 | 67912 | 74939 | 81582 | 101051 | 99952 | 101373 | 80382 | 75082 | 1034159 |

เขต 5 : สงขลา

| พื้นที่ | กำลังการผลิต ที่ใช้(ลบ ม) | ต.ค. | พ.ย. | ธ.ค. | ม.ค. | ก.พ. | มี.ค. | เม.ย. | พ.ค. | มิ.ย. | ก.ค. | ส.ค. | ก.ย. | รวม |
|------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| สงขลา | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| หาดใหญ่ | 2,000 | 72,875 | 56,525 | 38,300 | 28,225 | 34,925 | 55,875 | 64,325 | 64,600 | 64,775 | 59,650 | 54,300 | 66,450 | 660,825 |
| สะเดา | 260 | 3,025 | 1,900 | 1,400 | 1,250 | 1,200 | 1,550 | 2,450 | 2,075 | 3,750 | 2,350 | 2,175 | 3,100 | 26,225 |
| พังงา | 100 | 375 | 325 | 250 | 225 | 275 | 250 | 400 | 400 | 650 | 350 | 300 | 450 | 4,250 |
| ทับทิม | 320 | 3,000 | 4,050 | 3,950 | 3,500 | 2,700 | 3,075 | 3,125 | 2,970 | 2,910 | 2,850 | 2,900 | 3,120 | 38,150 |
| ตรัง | 160 | 3,000 | 3,925 | 2,475 | 1,750 | 1,475 | 2,700 | 2,775 | 2,325 | 4,100 | 3,775 | 3,975 | 6,225 | 38,500 |
| กันตัง | 410 | 10,250 | 8,725 | 5,475 | 3,100 | 3,325 | 5,750 | 5,125 | 6,375 | 8,325 | 6,350 | 8,050 | 12,025 | 82,875 |
| ฉะเชิงเทรา | 80 | 2,200 | 2,325 | 1,526 | 800 | 876 | 952 | 876 | 1,752 | 1,612 | 826 | 2,002 | 2,302 | 18,049 |
| ย่นตะเกา | 40 | 775 | 750 | 775 | 775 | 700 | 770 | 750 | 775 | 750 | 775 | 775 | 750 | 9,120 |
| ปะเหลิม | 30 | 300 | 300 | 375 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 207 | 3,582 |
| สตูล | 250 | 4,500 | 4,500 | 4,275 | 3,675 | 3,050 | 5,950 | 5,000 | 7,500 | 3,600 | 5,520 | 5,825 | 4,450 | 57,845 |
| ไทรบุรี | 80 | 400 | 375 | 375 | 400 | 375 | 400 | 375 | 375 | 375 | 375 | 375 | 400 | 4,975 |
| เบตอง | 280 | 3,725 | 3,275 | 2,775 | 2,850 | 2,525 | 3,325 | 3,475 | 3,675 | 3,550 | 3,625 | 3,300 | 3,300 | 39,400 |
| กะตะ | 20 | 351 | 347 | 383 | 268 | 315 | 358 | 375 | 331 | 418 | 348 | 365 | 360 | 4,219 |
| นราธิวาส | 460 | 1,800 | 2,000 | 2,500 | 2,000 | 1,500 | 2,000 | 1,800 | 2,500 | 3,800 | 2,500 | 3,300 | 2,500 | 28,200 |
| สุโขทัย | 340 | 3,300 | 3,000 | 2,525 | 2,000 | 1,800 | 2,375 | 2,200 | 2,575 | 4,575 | 2,725 | 2,725 | 2,775 | 32,575 |
| อุทัย | 40 | 257 | 270 | 240 | 179 | 178 | 252 | 253 | 276 | 247 | 303 | 300 | 271 | 3,026 |
| เกาะสมัน | 30 | 500 | 650 | 400 | 450 | 300 | 300 | 250 | 200 | 200 | 287 | 439 | 350 | 4,326 |
| ระโนด | 60 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| รวม | 4960 | 137333 | 93242 | 63099 | 51747 | 65819 | 86882 | 93654 | 97004 | 103637 | 92909 | 86956 | 109036 | 1026624 |

เขต 6 : ขอนแก่น

| การประปา | กำลังการผลิตที่ใช้ ลบ.ม | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|-------------|----------------------------|----------|---------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|-----------|
| ขอนแก่น | 3,000 | 55,000 | 32,500 | 55,000 | 62,500 | 52,500 | 65,000 | 52,500 | 60,000 | 85,000 | 117,500 | 92,500 | 117,000 | 847,000 |
| บ้านไผ่ | 120 | - | 4,000 | 4,000 | 3,100 | 2,800 | 3,100 | 3,025 | 3,100 | 3,150 | 3,200 | 3,100 | 3,225 | 35,800 |
| ชุมแพ | 320 | 10,275 | 6,950 | 5,650 | 3,950 | 4,150 | 4,850 | 6,900 | 9,075 | 8,100 | 7,175 | 5,350 | 9,050 | 81,475 |
| น้ำพอง | 210 | 4,775 | 3,500 | 4,050 | 4,125 | 3,625 | 3,950 | 3,825 | 4,375 | 3,775 | 3,075 | 3,500 | 4,300 | 48,875 |
| ชนบทมีญาติ | 150 | 5,375 | 4,500 | 4,500 | 3,950 | 3,225 | 3,725 | 3,800 | 6,175 | 6,200 | 5,725 | 5,600 | 6,600 | 54,000 |
| กาฬสินธุ์ | 340 | 7,650 | 5,350 | 4,175 | 4,325 | 3,725 | 2,825 | 5,025 | 4,750 | 4,825 | 5,050 | 5,050 | 5,200 | 67,950 |
| กุสินารายณ์ | 40 | 600 | 600 | 600 | 600 | 600 | 700 | 600 | 500 | 600 | 700 | 700 | 700 | 7,500 |
| สมเด็จ | 140 | 1,635 | 2,006 | 2,372 | 2,238 | 2,512 | 2,008 | 2,420 | 2,245 | 2,276 | 1,529 | 537 | 1,491 | 21,024 |
| มหาสารคาม | 460 | 20,700 | 14,725 | 11,200 | 10,150 | 12,475 | 13,050 | 11,800 | 13,550 | 21,975 | 22,075 | 19,675 | 21,000 | 192,375 |
| ปากช่อง | 550 | 4,400 | 1,000 | 850 | 725 | 850 | 925 | 11,500 | 9,400 | 1,650 | 3,200 | 19,875 | 3,500 | 57,875 |
| พิมาย | 240 | 5,242 | 4,963 | 4,250 | 4,182 | 5,256 | 6,181 | 6,263 | 6,469 | 6,088 | 7,848 | 7,293 | 8,418 | 72,453 |
| โชคชัย | 180 | 5,444 | 5,420 | 5,387 | 5,247 | 4,121 | 4,944 | 4,600 | 5,254 | 10,216 | 6,287 | 6,610 | 7,359 | 70,889 |
| ปักธงชัย | 120 | 4,017 | 4,008 | 4,339.50 | 2,455.20 | 2,681.80 | 2,669.70 | 3,104.55 | 3,674 | 4,560.50 | 3,326.85 | 3,765.75 | 4,059.55 | 42,662 |
| โนนสูง | 100 | 1,475 | 1,275 | 900 | 750 | 750 | 700 | 800 | 900 | 1,000 | 1,500 | 1,500 | 4,000 | 15,650 |
| ครบุรี | 70 | 700 | 1,050 | 750 | 775 | 725 | 2,550 | 3,575 | 5,425 | 5,200 | 4,400 | 3,225 | 2,450 | 30,925 |
| ชัยภูมิ | 690 | 12,100 | 9,350 | 8,080 | 7,650 | 7,525 | 8,175 | 10,800 | 9,775 | 32,800 | 12,475 | 8,400 | 23,275 | 150,405 |
| จัตุรัส | 264 | 4,311.50 | 3,702 | 3,624.50 | 3,135.50 | 2,400 | 3,200 | 3,500 | 4,325 | 5,325 | 5,400 | 7,128 | 7,637 | 53,685 |
| แก่งคร้อ | 140 | 7,500 | 4,500 | 4,500 | 4,750 | 6,000 | 5,750 | 4,000 | 5,000 | 3,000 | 2,800 | 2,000 | 2,500 | 52,300 |
| ด่านขุนทด | 100 | 2,350 | 3,750 | 3,720 | 2,030 | 2,425 | 2,350 | 1,875 | 1,350 | 1,000 | 1,860 | 2,140 | 3,000 | 27,850 |
| สีคิ้ว | 140 | 6,000 | 6,000 | 3,000 | 4,000 | 11,000 | 6,500 | 6,000 | 8,000 | 7,955 | 4,000 | 4,000 | 8,200 | 74,655 |
| หนองบัวแดง | 50 | 1,450 | 1,500 | 1,475 | 1,000 | 1,000 | 1,000 | 1,000 | 1,500 | 800 | 900 | 900 | 1,138 | 13,563 |
| ภูเขียว | 120 | 2,575 | 1,400 | 2,000 | 1,000 | 2,000 | 3,000 | 2,000 | 3,000 | 3,000 | 2,000 | 4,000 | 3,000 | 28,975 |
| กระนวน | 103 | 2,000 | 1,000 | 1,000 | 750 | 1,000 | 1,500 | 1,000 | - | - | 500 | 500 | 300 | 9,550 |
| หนองเรือ | 50 | 1,395 | 1,825 | 1,655 | 1,995 | 1,628 | 1,446 | 615 | 720 | 700 | 1,300 | 1,650 | 1,550 | 16,477 |
| จอนหอ | 100 | - | - | - | - | - | - | 500 | 3,100 | 3,000 | 3,000 | 1,450 | 2,400 | 13,450 |
| รวม | 7,897 | 161,595 | 124,874 | 137,078 | 135,383 | 134,972 | 150,099 | 151,028 | 169,417 | 222,198 | 226,826 | 210,449 | 251,353 | 2,075,267 |

เขต 7 : อุดรธานี

| การประปา | กำลังการผลิตที่ใช้ ลบ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|--------------|-----------------------------|----------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| อุดรธานี | 1,410 | 49,300 | 45,150 | 47,000 | 47,750 | 42,460 | 44,150 | 46,450 | 48,360 | 44,275 | 42,525 | 35,000 | 56,425 | 548,825 |
| บ้านผือ | 80 | 600 | 500 | 650 | 700 | 600 | 1,550 | 695 | 2,325 | 2,250 | 465 | 348 | 425 | 11,108 |
| กุมภวาปี | 100 | 10,000 | 8,350 | 9,000 | 8,670 | 6,075 | 8,745 | 4,725 | 8,175 | 9,525 | 11,200 | 10,275 | 8,325 | 103,065 |
| หนองบัวลำภู | 110 | 3,150 | 2,450 | 2,175 | 2,100 | 1,700 | 2,225 | 1,910 | 1,575 | 1,500 | 1,525 | 1,125 | 1,375 | 22,810 |
| เลย | 400 | 4,375 | 3,775 | 1,950 | 1,550 | 2,500 | 2,300 | 2,125 | 9,525 | 8,725 | 6,225 | 4,900 | 3,625 | 51,575 |
| วังสะพุง | 90 | 2,125 | 1,475 | 700 | 1,100 | 500 | 1,000 | 1,000 | 2,172 | 1,500 | 9,000 | 3,000 | 2,500 | 26,072 |
| เซียงคาน | 220 | 5,500 | 4,700 | 2,850 | 3,600 | 1,975 | 2,575 | 3,425 | 4,025 | 3,525 | 3,300 | 3,975 | 5,200 | 44,650 |
| ภูเรือ | 40 | 1,810 | 1,800 | 1,810 | 1,810 | 1,780 | 1,550 | 1,800 | 1,550 | 1,830 | 1,860 | 2,150 | 600 | 20,350 |
| หนองคาย | 450 | 27,925 | 17,700 | 23,900 | 16,975 | 9,825 | 3,375 | 9,750 | 11,350 | 16,300 | 19,650 | 27,975 | 29,075 | 213,800 |
| บ้านธาตุ | 90 | | 15 | 10 | 25 | 9 | 37 | 33 | 50 | 50 | 50 | 50 | 50 | 379 |
| บึงกาฬ | 40 | 2,350 | 2,000 | 1,550 | 1,100 | 1,925 | 1,625 | 1,600 | 3,200 | 3,250 | 2,850 | 3,800 | 4,225 | 29,475 |
| ศรีเชียงใหม่ | 50 | 800 | 700 | 925 | 800 | 700 | 700 | 700 | 625 | 675 | 600 | 600 | 750 | 8,575 |
| ผากคาด | 90 | 1,500 | 1,821 | 3,025 | 2,050 | 2,349 | 2,620 | 1,473 | 2,140 | 4,350 | 4,050 | 1,980 | 2,550 | 29,908 |
| สกลนคร | 660 | 3,125 | 1,750 | 1,125 | 1,250 | 500 | 1,425 | 1,375 | 2,750 | 2,800 | 2,250 | 5,000 | 3,975 | 27,325 |
| สว่างแดนดิน | 180 | 1,787 | 1,750 | 2,125 | 2,425 | 2,825 | 3,050 | 3,650 | 4,000 | 1,850 | 2,150 | 1,650 | 1,325 | 28,587 |
| พังโคน | 170 | 1,000 | 1,200 | 1,000 | 1,807 | 1,500 | 2,375 | 2,000 | 1,575 | 2,250 | 2,600 | 2,775 | 1,600 | 21,682 |
| นครพนม | 590 | 7,950 | 8,400 | 4,800 | 4,125 | 2,850 | 1,275 | 2,975 | 4,129 | 5,775 | 6,700 | 4,050 | 13,350 | 66,379 |
| ธาตุพนม | 260 | 5,913.75 | 5,406.50 | 4,715 | 3,035.20 | 3,726.30 | 2,482.40 | 2,979.75 | 3,111.10 | 4,275 | 5,108.20 | 5,199.05 | 5,869.70 | 51,822 |
| บ้านแพง | 80 | 950 | 1,456 | 1,050 | 470 | 740 | 725 | 495 | 400 | 300 | 375 | 800 | 700 | 8,461 |
| มุกดาหาร | 320 | 7,825 | 12,450 | 5,275 | 3,460 | 5,520 | 4,950 | 4,500 | 6,375 | 10,825 | 10,075 | 8,600 | 17,500 | 97,348 |
| ศรีสงคราม | 80 | 350 | 350 | 300 | 350 | 525 | 535 | 375 | 700 | 600 | 1,395 | 650 | 500 | 6,830 |
| รวม | 6,510 | 138,336 | 123,199 | 115,935 | 105,142 | 90,574 | 89,269 | 94,036 | 118,102 | 126,430 | 133,953 | 123,902 | 159,945 | 1,418,823 |

เขต 8 : อุบลราชธานี

| การประปา | กำลังการผลิตที่ใช้ ลบ.ม. | ต.ค. 36 | พ.ย. 36 | ธ.ค. 36 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|--------------|-----------------------------|---------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|---------|---------|
| อุบลราชธานี | 1,160 | 23,575 | 20,850 | 16,300 | 14,675 | 12,900 | 13,700 | 13,825 | 28,575 | 39,700 | 44,425 | 44,750 | 40,345 | 313,620 |
| พิบูลสงคราม | 180 | 950 | 600 | 600 | 600 | 550 | 750 | 800 | 650 | 1,350 | 1,550 | 1,800 | 1,400 | 11,600 |
| บุณฑริก | 20 | 400 | 300 | 300 | 350 | 300 | 925 | 700 | 650 | 500 | 500 | 500 | 550 | 5,975 |
| อำนาจเจริญ | 40 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,125 | 12,125 |
| บ้านอำนาจ | 30 | 800 | 1,000 | 800 | 800 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 675 | 7,575 |
| ตระการพืชผล | 30 | 1,000 | 1,000 | 1,000 | 1,000 | 800 | 800 | 750 | 750 | 800 | 550 | 800 | 675 | 8,925 |
| น้ำปลัก | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| เดชอุดม | 80 | 850.1 | 749.75 | 499.78 | 549.95 | 449.62 | 550.87 | 1,100.01 | 1,200 | 1,600 | 1,475 | 1,100 | 1,100 | 11,226 |
| น้ำยืน | 40 | 350 | 300 | 260 | 300 | 275 | 300 | 275 | 375 | 350 | 350 | 300 | 300 | 3,725 |
| เขมราฐ | 40 | 1,700 | 1,700 | 1,500 | 1,500 | 1,500 | 1,500 | 1,490 | 1,300 | 1,280 | 1,150 | 1,300 | 1,440 | 17,360 |
| ศรีสะเกษ | 250 | 3,000 | 7,000 | 5,500 | 6,850 | 6,500 | 3,500 | 6,000 | 7,500 | 6,825 | 7,225 | 6,575 | 5,825 | 72,300 |
| อุทุมพรพิสัย | 40 | 2,200 | 2,050 | 1,675 | 1,850 | 1,975 | 850 | 1,825 | 1,575 | 1,500 | 2,000 | 2,000 | 2,250 | 21,750 |
| กันทรลักษ์ | 100 | 300 | 400 | 525 | 450 | 600 | 650 | 550 | 550 | 550 | 550 | 500 | 600 | 6,225 |
| กันทรารมย์ | 50 | 760 | 650 | 725 | 475 | 300 | 250 | 300 | 400 | 475 | 625 | 625 | 600 | 6,175 |
| สุรินทร์ | 920 | 9,250 | 8,000 | 8,200 | 6,400 | 5,800 | 5,600 | 5,600 | 5,800 | 6,000 | 12,600 | 12,775 | 11,600 | 89,626 |
| ศีขรภูมิ | 40 | 800 | 575 | 550 | 500 | 550 | 725 | 700 | 775 | 850 | 925 | 900 | 650 | 8,500 |
| รัตนบุรี | 100 | 1,085 | 650 | 620 | 403 | 336 | 546 | 661 | 911 | 1,100 | 1,135 | 1,316 | 836 | 9,599 |
| ท่าตูม | 40 | 775 | 315 | 330 | 322 | 414 | 504 | 389 | 664 | 775 | 790 | 984 | 970 | 7,232 |
| บุรีรัมย์ | 550 | 13,150 | 13,783 | 14,756 | 10,939 | 10,454 | 10,764 | 17,829 | 17,940 | 21,364 | 24,423 | 20,558 | 12,979 | 188,929 |
| ลำปลายมาศ | 80 | 1,500 | 1,950 | 1,600 | 1,700 | 1,400 | 1,500 | 1,233 | 1,300 | 1,350 | 3,017 | 4,000 | 3,200 | 23,650 |
| นางรอง | 80 | 4,325 | 3,550 | 4,950 | 4,875 | 4,025 | 4,275 | 3,350 | 3,700 | 7,175 | 7,125 | 4,625 | 7,750 | 69,725 |
| หนองกี่ | 100 | 400 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 375 | 400 | 400 | 400 | 4,500 |
| ร้อยเอ็ด | 360 | 18,825 | 13,950 | 15,375 | 9,925 | 8,300 | 9,300 | 10,750 | 14,300 | 20,575 | 19,225 | 19,150 | 20,450 | 150,125 |

| การประปา | กำลังการผลิตที่ ด.บ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|---------------|---------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------|
| โพธิ์ทอง | 80 | 1,250 | 750 | 1,600 | 700 | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 800 | 1,000 | 750 | 11,350 |
| ยโสธร | 300 | 5,525 | 5,025 | 3,900 | 7,025 | 5,875 | 6,125 | 6,050 | 6,400 | 9,400 | 10,425 | 7,925 | 7,925 | 81,600 |
| เสิงสาง | 60 | 1,500 | 1,200 | 1,175 | 1,200 | 1,500 | 1,825 | 2,500 | 2,450 | 2,750 | 2,250 | 2,000 | 1,800 | 22,150 |
| กุดชุมพภูมิ | 20 | 375 | 300 | 300 | 300 | 200 | 500 | 500 | 550 | 750 | 550 | 500 | 450 | 6,276 |
| มหาชนะชัย | 80 | 1,077 | 1,245 | 1,165 | 1,275 | 1,120 | 1,175 | 1,305 | 1,520 | 1,845 | 1,730 | 1,645 | 1,500 | 16,602 |
| สุวรรณภูมิ | 50 | 625 | 550 | 475 | 600 | 625 | 700 | 700 | 700 | 425 | 700 | 675 | 700 | 7,475 |
| สตึก | 55 | 2,459 | 1,964 | 1,855 | 1,564 | 1,612 | 2,782 | 5,994 | 5,997 | 3,000 | 3,325 | 3,700 | 2,820 | 34,072 |
| พุทไธสง | 70 | 800 | 800 | 700 | 800 | 700 | 700 | 800 | 970 | 930 | 900 | 800 | 850 | 9,750 |
| ละหานทราย | 20 | 1,500 | 920 | 1,165 | 1,335 | - | - | - | - | - | - | - | - | 4,920 |
| บ้านโนนดินแดง | 60 | 395 | 360 | 385 | 390 | 350 | 450 | 350 | 775 | 545 | 400 | 400 | 400 | 5,200 |
| บ้านกรวด | 60 | 350 | 325 | 275 | 225 | 275 | 275 | 300 | 275 | 275 | 325 | 357 | 275 | 3,532 |
| ปะคำ | 60 | 200 | 150 | 200 | 350 | 220 | 350 | 475 | 450 | 330 | 650 | 425 | 325 | 4,126 |
| รวม | 5,246 | 103,041 | 86,337 | 90,526 | 80,603 | 72,781 | 74,737 | 89,976 | 111,877 | 133,744 | 153,595 | 145,885 | 133,515 | 1,276,616 |

เขต 9 : เชียงใหม่

| การประปา | กำลังการผลิตที่ใช้ ลบ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|-------------------|-----------------------------|---------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|---------|-----------|
| เชียงใหม่ | 2270 | 44,600 | 29,525 | 33,400 | 24,550 | 21,675 | 24,575 | 31,050 | 33,125 | 42,175 | 61,700 | 46,875 | 62,125 | 455,275 |
| จอมทอง | 200 | 3,500 | 2,750 | 2,350 | 3,400 | 3,500 | 1,250 | 4,050 | 6,300 | 3,425 | 3,025 | 2,900 | 4,500 | 40,950 |
| สันกำแพง | 80 | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| ฝาง | 80 | 1,400 | 1,400 | 1,300 | 1,400 | 1,300 | 1,000 | 1,000 | 900 | 1,000 | 1,300 | 1,250 | 1,300 | 14,550 |
| แมริม | 330 | 8,900 | 8,000 | 8,875 | 13,000 | 9,000 | 6,000 | 1,000 | 6,000 | 12,825 | 12,500 | 12,000 | 11,500 | 109,600 |
| แม่แก่ง | 40 | 471 | 238 | 160 | 62 | 112 | 64 | 126 | 257 | 746 | 1,120 | 829 | 896 | 5,081 |
| แม่ฮ่องสอน | 140 | 2,050 | 700 | 400 | 175 | - | - | 2,000 | 2,500 | 2,000 | 800 | 1,450 | 1,950 | 12,025 |
| แม่สาเรียง | 180 | 2,000 | 500 | 1,000 | 500 | 1,000 | - | 500 | 4,000 | 2,000 | 3,000 | 2,200 | 2,300 | 19,000 |
| เชียงราย | 680 | 10,525 | 10,000 | 7,450 | 6,125 | 4,175 | 5,450 | 5,775 | 18,425 | 22,000 | 19,750 | 12,074 | 12,350 | 134,099 |
| แม่สาย | 140 | 3,200 | 2,325 | 1,825 | 1,150 | 400 | 1,350 | 2,050 | 10,325 | 10,100 | 8,550 | 4,975 | 6,250 | 52,500 |
| แม่จัน | 50 | 650 | 570 | 513 | 410 | 360 | 432 | 553 | 1,785 | 1,350 | 1,200 | 750 | 925 | 9,488 |
| เวียงเชียงแสน | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| พาม | 40 | 1,800 | 1,200 | 1,350 | 2,000 | 1,700 | 1,550 | 2,000 | 2,000 | 2,500 | 2,700 | 2,600 | 2,000 | 21,600 |
| พะเยา | 600 | 1,750 | 10,350 | 7,150 | 8,000 | 3,750 | 5,500 | 7,000 | 10,500 | 7,000 | 7,500 | 2,760 | 2,500 | 73,750 |
| จูป | 260 | 3,270 | 1,315 | 950 | 465 | 197 | 932 | 1,321 | 2,266 | 2,109 | 3,205 | 1,778 | 2,302 | 20,100 |
| น่าน | 280 | 4,250 | 650 | 1,075 | - | - | 300 | 2,500 | 2,760 | 12,025 | 15,150 | 11,500 | 15,275 | 69,475 |
| กลางเวียง | 60 | 650 | 125 | 200 | - | - | - | - | 350 | 650 | 1,600 | 900 | 350 | 4,825 |
| ท่าวังยา | 40 | 2,000 | 1,000 | 300 | 300 | 200 | 200 | 150 | 200 | 1,000 | 1,000 | 1,000 | 400 | 7,750 |
| เวียงกลางขนาดเล็ก | 110 | 1,000 | 500 | 200 | 200 | - | 100 | 50 | 100 | 600 | 520 | 509 | 218 | 3,997 |
| แพรว | 310 | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| เด่นชัย | 80 | 2,000 | 1,500 | 1,500 | 500 | 1,000 | 700 | 750 | 2,500 | 2,500 | 2,675 | 3,450 | 3,275 | 19,850 |
| สองคอนชัย | 180 | 2,150 | 950 | 475 | 720 | 515 | 600 | 1,050 | 2,175 | 1,050 | 1,500 | 1,325 | 1,345 | 11,705 |
| ร้อนกวาง | 40 | 1,375 | 550 | 300 | 300 | 200 | 400 | 400 | 4,525 | 2,000 | 1,500 | 850 | 1,750 | 12,775 |
| ลำปางแม่เกาะ | 1,030 | 25,275 | 1,075 | 9,075 | 3,000 | 619 | 1,250 | 2,225 | 14,525 | 3,050 | 5,225 | 11,050 | 26,125 | 102,494 |
| เถิน | 140 | 625 | - | 250 | - | - | - | - | - | - | - | - | 600 | 1,475 |
| เกาะทา | 160 | 1,625 | 2,575 | 1,975 | 2,475 | 2,350 | 2,900 | 2,500 | 2,450 | 2,000 | 2,450 | 1,800 | 2,350 | 24,900 |
| ลำพูน | 190 | 1,550 | 1,500 | 1,550 | 1,550 | 1,400 | 1,550 | 1,500 | 1,550 | 1,550 | 1,500 | - | - | 15,200 |
| เวียงเชียงทอง | 80 | 1,700 | 1,075 | 775 | 675 | 550 | 700 | 850 | 875 | 1,500 | 1,675 | 2,300 | 4,175 | 16,850 |
| รวม | 7780 | 122,791 | 80,373 | 84,398 | 70,957 | 54,003 | 56,803 | 68,400 | 130,373 | 134,665 | 158,696 | 127,116 | 166,761 | 1,255,324 |

เขต 10 : นครสวรรค์

| การประปา | กำลังการผลิตที่ ลบ.ม. | ต.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ต.ค. 36 | ก.ย. 36 | รวม |
|---------------|--------------------------|---------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|---------|--------|
| นครสวรรค์ | 100 | - | 3,000 | 2,000 | 3,000 | 4,500 | - | 3,000 | 3,000 | 3,500 | 3,500 | 2,500 | 3,500 | 31600 |
| ทับกฤช | 100 | - | 1,000 | 500 | 500 | 500 | 500 | 500 | 500 | 1,500 | 3,000 | 1,000 | 1,500 | 11000 |
| เก้าแก้ว | 100 | - | - | 1,500 | 1,500 | 1,000 | 2,000 | 500 | 500 | 1,000 | 2,000 | 1,500 | 1,500 | 13000 |
| โกรกพระ | 50 | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| ท่าตะโก | 155 | 1,425 | 1,225 | 1,020 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 4,200 | 8,000 | 8,000 | 32870 |
| ลาดยาว | 80 | 3,875 | 1,500 | - | - | 700 | 2,000 | 2,000 | 2,450 | 2,500 | 800 | 3,000 | 3,000 | 21826 |
| บรรพตพิสัย | 70 | 1,500 | 375 | - | - | 300 | 1,000 | 1,000 | 1,000 | 1,500 | 2,000 | 2,000 | 2,500 | 13175 |
| ตาก-สามเงา | 500 | 11,015 | 9,200 | 7,200 | 4,400 | 3,600 | 3,600 | 6,775 | 7,375 | 5,825 | 4,450 | 4,450 | 15,180 | 83070 |
| บ้านตาก | 80 | 387.5 | 375 | 387.5 | 600 | 1,100 | 775 | 600 | 575 | 750 | 775 | 800 | 1,500 | 8625 |
| แม่สอด | 520 | 3,500 | 1,000 | 1,500 | 500 | - | - | - | - | 4,000 | 4,000 | 4,000 | 5,000 | 23500 |
| กำแพงเพชร | 320 | 6,500 | 3,500 | 3,500 | 3,500 | 2,500 | 3,500 | 2,500 | 3,500 | 3,500 | 6,000 | 1,500 | 4,000 | 44000 |
| พรวนกระต่าย | 20 | 500 | 125 | - | - | - | - | - | - | - | - | - | - | 625 |
| สุโขทัย | 370 | 9,750 | 8,010 | 8,750 | 7,000 | 5,000 | 9,000 | 10,000 | 12,000 | 12,250 | 13,500 | 10,500 | 15,500 | 121260 |
| สวรรค์โลก | 110 | 5,000 | 3,500 | 2,000 | 2,500 | 3,000 | 2,500 | 3,500 | 5,000 | 4,500 | 3,000 | 4,500 | 7,300 | 46300 |
| ศรีนคร | 50 | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| ทุ่งเสลี่ยม | 100 | 1,350 | 675 | 375 | 475 | 450 | 550 | 375 | 1,575 | 235 | 450 | 375 | 425 | 7310 |
| พิจิตร-วังกรด | 390 | 11,000 | 7,200 | 8,000 | 8,800 | 2,700 | 6,000 | 6,610 | 9,000 | 7,500 | 12,500 | 12,000 | 12,000 | 103310 |
| นางมูลมาก | 120 | 3,367 | 2,746 | 3,339 | 3,479 | 2,552 | 2,612 | 2,383 | 2,620 | 5,024 | 3,665 | 3,159 | 3,705 | 38641 |
| กะทาบทิบ | 280 | 5,100 | 1,800 | 2,800 | 2,800 | 2,650 | 2,350 | 2,850 | 5,500 | 9,500 | 10,000 | 5,150 | 6,600 | 67100 |
| ทับคล้อ | 50 | 400 | 200 | 200 | 200 | 150 | 150 | 150 | 500 | 250 | | 850 | 400 | 3450 |
| เพชรบูรณ์ | 330 | 12,000 | 8,000 | 10,000 | 10,000 | 10,000 | 6,000 | 5,000 | 10,000 | 18,000 | 8,000 | 24,000 | 24,000 | 145000 |
| หล่มสัก | 180 | 6,500 | 4,750 | 5,725 | 3,225 | 2,800 | 4,725 | 7,500 | 14,800 | 30,000 | 22,800 | 16,000 | 12,000 | 130826 |

| การประปา | กำลังการผลิตที่ ตบ.ม. | ค.ค. 35 | พ.ย. 35 | ธ.ค. 35 | ม.ค. 36 | ก.พ. 36 | มี.ค. 36 | เม.ย. 36 | พ.ค. 36 | มิ.ย. 36 | ก.ค. 36 | ส.ค. 36 | ก.ย. 36 | รวม |
|------------|--------------------------|-----------------|--------------|----------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|----------------|
| หล่มเก่า | 30 | 775 | 750 | 750 | 775 | 700 | 775 | 1,500 | 6,200 | 4,000 | 6,200 | 4,000 | 2,000 | 28425 |
| หนองไผ่ | 180 | 5,000 | 3,000 | 3,000 | 4,000 | 3,000 | 3,000 | 4,500 | 5,000 | 7,000 | 4,500 | 4,500 | 4,000 | 50500 |
| ศรีเทพ | 130 | 2,000 | 3,000 | 3,000 | 3,000 | 2,000 | 2,000 | 2,000 | 3,000 | 3,000 | 2,000 | 2,000 | 2,000 | 29000 |
| ชนแดน | 100 | 1,675 | 950 | 1,025 | 1,025 | 900 | 1,275 | 1,125 | 5,125 | 2,125 | 2,075 | 3,500 | 5,525 | 25300 |
| ศรีสำราญ | 50 | 1,500 | 725 | 1,000 | 500 | 437 | 750 | 850 | 1,025 | 1,500 | 1,300 | 1,500 | 2,540 | 13627 |
| ศรีสำโรง | 100 | - | - | - | - | - | - | - | - | - | - | - | - | 0 |
| พยุหะคีรี | 100 | 3,500 | 2,500 | 1,800 | 1,800 | 1,000 | 1,500 | 1,500 | 1,500 | 1,500 | 3,000 | 3,000 | 3,000 | 25600 |
| อุทัยธานี | 140 | 3,250 | 3,425 | 1,625 | 2,625 | 2,475 | 2,375 | 3,150 | 3,150 | 2,800 | 3,500 | 3,325 | 2,825 | 34525 |
| นครไทย | 150 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 2,200 | 2,300 | 4,000 | 4,200 | 4,200 | 2,725 | 2,600 | 29725 |
| คลองขลุง | 90 | 500 | 500 | 500 | 500 | - | 500 | - | 375 | - | 375 | 375 | 375 | 4000 |
| พิษณุโลก | 250 | 1,615 | 1,360 | 1,560 | 1,515 | 1,468 | 1,961 | 1,526 | 2,729 | 2,927 | 1,934 | 2,547 | 3,147 | 24289 |
| รวม | 5306 | 104474.5 | 75891 | 74556.6 | 70194 | 58482 | 66098 | 76194 | 112499 | 141886 | 133724 | 132756 | 156622 | 1201377 |



ภาคผนวก ข

- แสดงการพยากรณ์กำลังการผลิตของการประปานครหลวง โดยวิธี Moving Average with linear trend โดยการเปลี่ยนค่า M ($M = 2,3,4,5,6,7,8,9$)
- แสดงการพยากรณ์กำลังการผลิตของการประปาสวนภูมิภาค โดยวิธี Double exponential smoothing with linear trend โดยแสดงค่า Alpha (a) และ Beta (b) ที่ $a = 0.2$ และ $b = 0.1$ ถึง 0.8
- แสดงการพยากรณ์ราคาสารส้มต่อตันของการประปานครหลวงซื้อจากบริษัทสารส้ม นนทบุรี จำกัด โดยวิธี Linear regression
- แสดงการพยากรณ์ราคาสารส้มต่อตันของการประปาสวนภูมิภาคซื้อจาก บริษัทสารส้ม นนทบุรี จำกัด โดยวิธี Linear regression

ภาคผนวกที่ ข.1

แสดงการพยากรณ์กำลังการผลิตของการประปานครหลวง โดยวิธี Moving Average with linear trend โดยเปลี่ยนค่า M ($M = 2,3,4,5,6,7,8,9$)

Moving average with linear trend for capacity! Page: 1

| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | +766.500 | +70.6000 | | | |
| 3 | +820.800 | +811.300 | +19.0001 | | +872.400 | +51.6000 |
| 4 | +841.300 | +831.050 | +20.5001 | | +839.800 | -1.49982 |
| 5 | +859.600 | +850.450 | +18.2999 | | +861.800 | +2.20020 |
| 6 | +934.300 | +896.950 | +74.7001 | | +877.900 | -56.4001 |
| 7 | +1049 | +991.650 | +114.700 | | +1009 | -39.9999 |
| 8 | +1109 | +1079 | +60.0001 | | +1164 | +54.7001 |
| 9 | +1176 | +1143 | +67.0001 | | +1169 | -6.99976 |
| 10 | +1225 | +1201 | +49.0001 | | +1243 | +18.0002 |
| 11 | | | | | +1274 | |
| 12 | | | | | +1323 | |
| 13 | | | | | +1372 | |
| 14 | | | | | +1421 | |
| 15 | | | | | +1470 | |
| 16 | | | | | +1519 | |
| 17 | | | | | +1568 | |
| 18 | | | | | +1617 | |
| 19 | | | | | +1666 | |
| 20 | | | | | +1715 | |
| 21 | | | | | +1764 | |
| 22 | | | | | +1813 | |
| 23 | | | | | +1862 | |

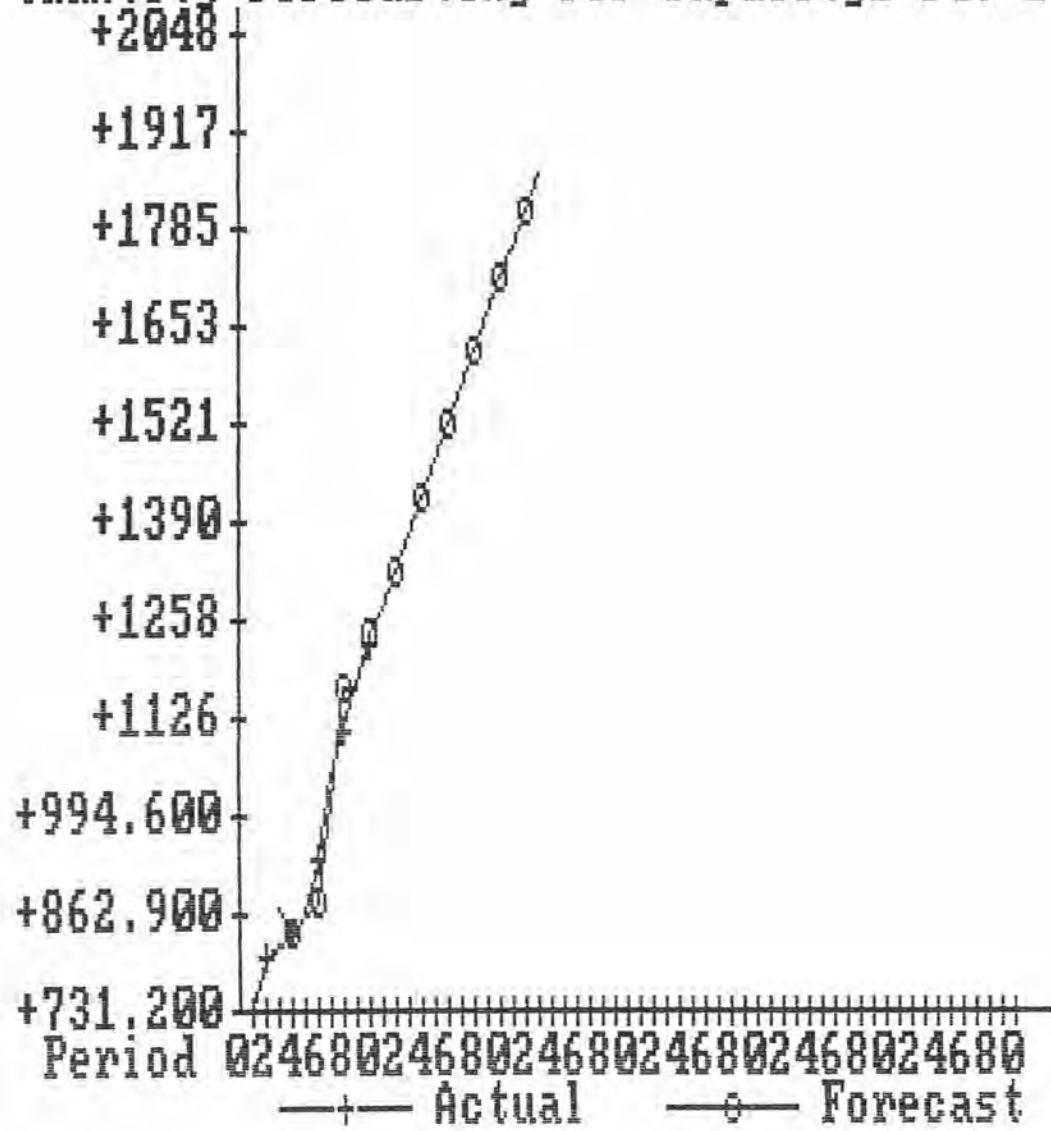
MAD = 28.9250 MSE = 1352 Bias = 2.70010 M = 2

Moving average with linear trend for capacity! Page: 1

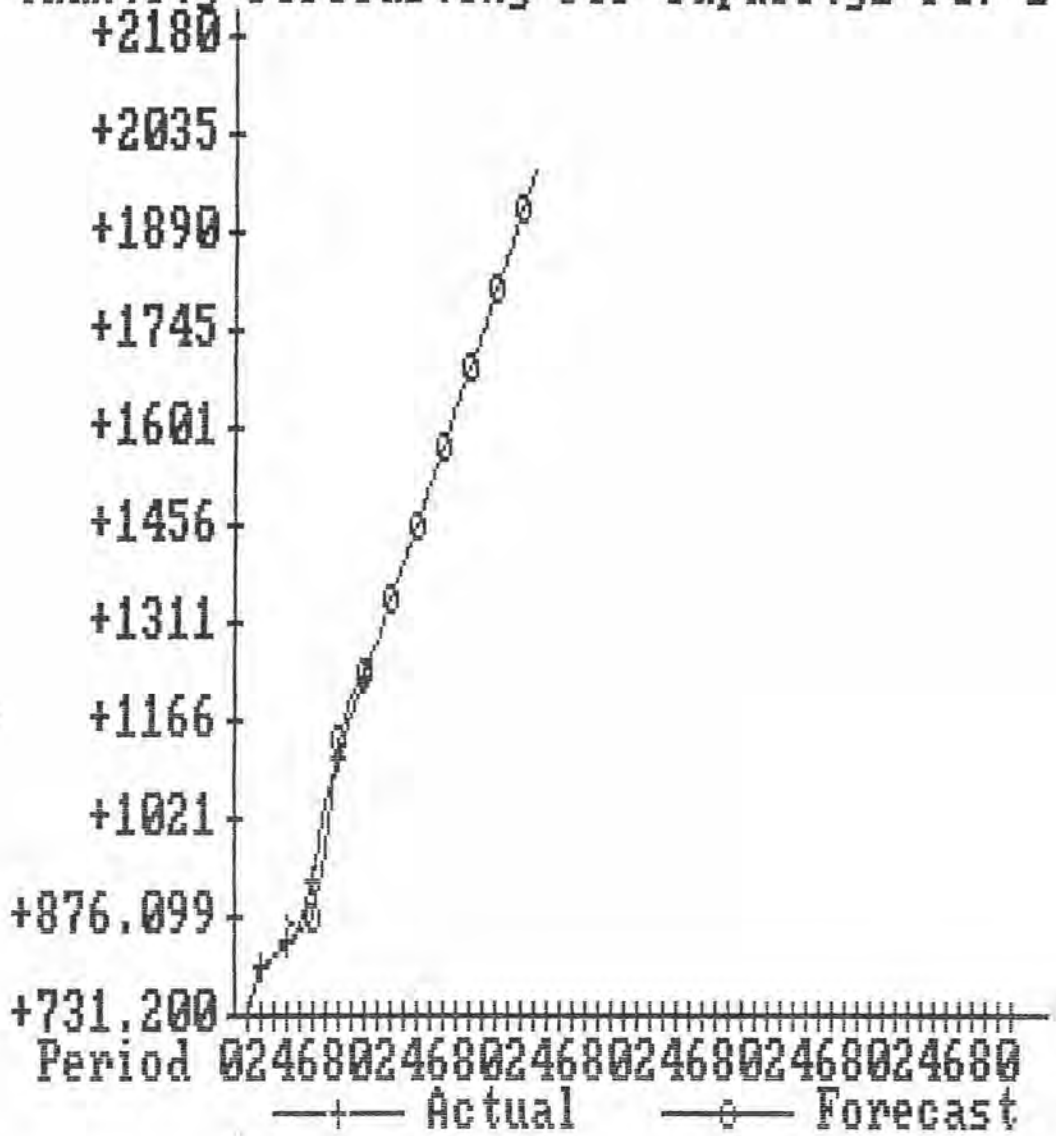
| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | +784.600 | +44.8000 | | | |
| 4 | +841.300 | +821.300 | +19.7500 | | +874.200 | +32.9000 |
| 5 | +859.600 | +840.567 | +19.3999 | | +860.800 | +1.20007 |
| 6 | +934.300 | +878.400 | +46.4998 | | +879.367 | -54.9335 |
| 7 | +1049 | +947.633 | +94.6997 | | +971.400 | -77.6003 |
| 8 | +1109 | +1031 | +87.3496 | | +1137 | +28.0327 |
| 9 | +1176 | +1111 | +63.4995 | | +1205 | +29.4659 |
| 10 | +1225 | +1170 | +57.9995 | | +1238 | +13.3323 |
| 11 | | | | | +1286 | |
| 12 | | | | | +1344 | |
| 13 | | | | | +1402 | |
| 14 | | | | | +1460 | |
| 15 | | | | | +1518 | |
| 16 | | | | | +1576 | |
| 17 | | | | | +1634 | |
| 18 | | | | | +1692 | |
| 19 | | | | | +1750 | |
| 20 | | | | | +1808 | |
| 21 | | | | | +1866 | |
| 22 | | | | | +1924 | |
| 23 | | | | | +1982 | |

MAD = 33.9236 MSE = 1708 Bias = -3.94325 M = 3

Quantity Forecasting for capacity1 PG: 1



Quantity Forecasting for capacity1 PG: 1



ព្រឹត្តិការណ៍ក្នុងកម្រិតមធ្យមក្នុងរយៈពេលវែង ជាមធ្យមតម្លៃក្នុងរយៈពេលវែងក្នុងកម្រិតមធ្យមក្នុងរយៈពេលវែង
 Moving average with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | +798.775 | +34.9300 | | | |
| 5 | +859.600 | +830.875 | +19.3899 | | +886.100 | +26.5000 |
| 6 | +934.300 | +864.000 | +35.8799 | | +879.350 | -54.9501 |
| 7 | +1049 | +921.050 | +69.7799 | | +953.700 | -95.3002 |
| 8 | +1109 | +987.975 | +86.2899 | | +1095 | -13.5001 |
| 9 | +1176 | +1067 | +78.5100 | | +1204 | +27.6998 |
| 10 | +1225 | +1140 | +59.5000 | | +1263 | +38.3499 |
| 11 | | | | | +1289 | |
| 12 | | | | | +1348 | |
| 13 | | | | | +1408 | |
| 14 | | | | | +1467 | |
| 15 | | | | | +1527 | |
| 16 | | | | | +1586 | |
| 17 | | | | | +1646 | |
| 18 | | | | | +1705 | |
| 19 | | | | | +1765 | |
| 20 | | | | | +1824 | |
| 21 | | | | | +1884 | |
| 22 | | | | | +1943 | |
| 23 | | | | | +2003 | |

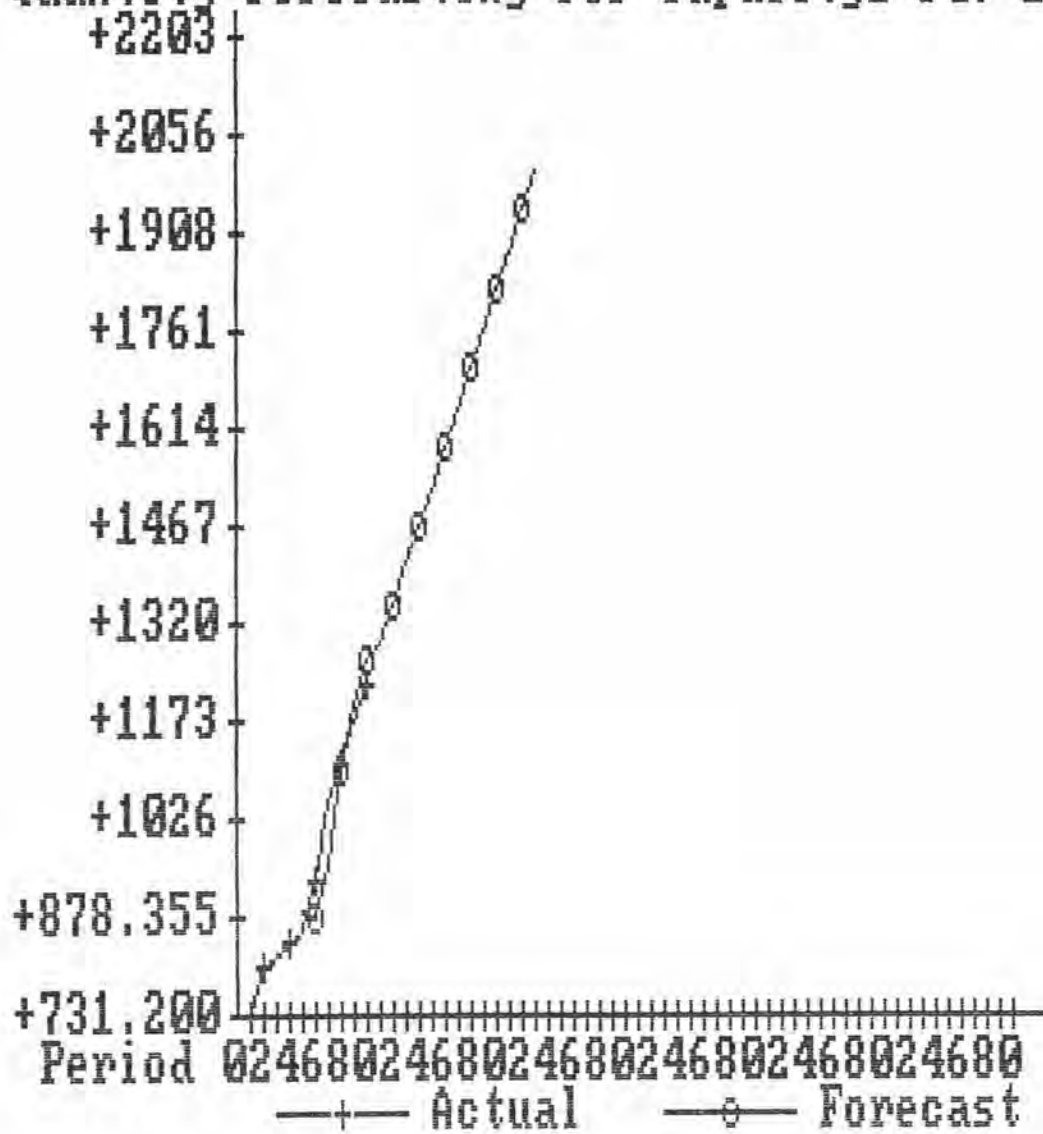
MAD = 42.7167 MSE = 2537 Bias = -11.8668 M = 4

ព្រឹត្តិការណ៍ក្នុងកម្រិតមធ្យមក្នុងរយៈពេលវែង ជាមធ្យមតម្លៃក្នុងរយៈពេលវែងក្នុងកម្រិតមធ្យមក្នុងរយៈពេលវែង
 Moving average with linear trend for capacity Page: 1

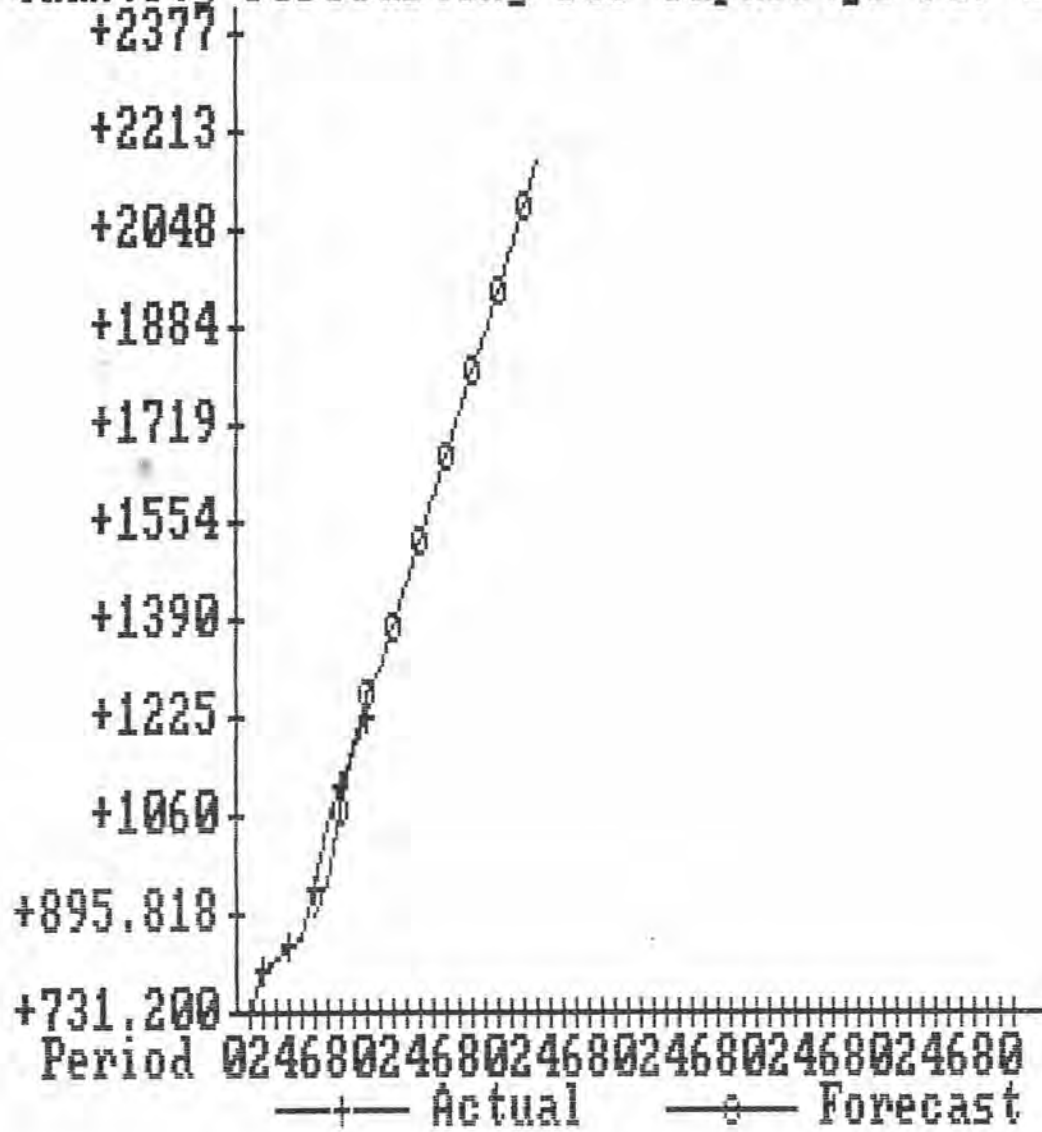
| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|-----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | +810.940 | +29.6300 | | | |
| 6 | +934.300 | +851.560 | +30.3800 | | +899.830 | -34.4699 |
| 7 | +1049 | +901.000 | +54.9400 | | +942.700 | -106.3000 |
| 8 | +1109 | +958.640 | +72.4799 | | +1066 | -43.1801 |
| 9 | +1176 | +1026 | +80.7499 | | +1176 | +.079834 |
| 10 | +1225 | +1099 | +70.8398 | | +1268 | +42.8297 |
| 11 | | | | | +1311 | |
| 12 | | | | | +1382 | |
| 13 | | | | | +1453 | |
| 14 | | | | | +1524 | |
| 15 | | | | | +1595 | |
| 16 | | | | | +1665 | |
| 17 | | | | | +1736 | |
| 18 | | | | | +1807 | |
| 19 | | | | | +1878 | |
| 20 | | | | | +1949 | |
| 21 | | | | | +2020 | |
| 22 | | | | | +2090 | |
| 23 | | | | | +2161 | |

MAD = 45.3719 MSE = 3237 Bias = -28.2081 M = 5

Quantity Forecasting for capacity1 PG: 1



Quantity Forecasting for capacity1 PG: 1



ព្រឹត្តិបត្រសម្រាប់ការប្រើប្រាស់ប្រព័ន្ធបណ្តាញកម្ពុជា
 Moving average with linear trend for capacity1 Page: 1

| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | | | | | |
| 6 | +934.300 | +831.500 | +34.5543 | | | |
| 7 | +1049 | +884.467 | +45.5657 | | +952.440 | -96.5600 |
| 8 | +1109 | +935.667 | +61.1086 | | +1044 | -65.0533 |
| 9 | +1176 | +994.867 | +72.4686 | | +1150 | -26.4532 |
| 10 | +1225 | +1059 | +74.6314 | | +1249 | +23.5067 |
| 11 | | | | | +1320 | |
| 12 | | | | | +1395 | |
| 13 | | | | | +1469 | |
| 14 | | | | | +1544 | |
| 15 | | | | | +1619 | |
| 16 | | | | | +1693 | |
| 17 | | | | | +1768 | |
| 18 | | | | | +1842 | |
| 19 | | | | | +1917 | |
| 20 | | | | | +1992 | |
| 21 | | | | | +2066 | |
| 22 | | | | | +2141 | |
| 23 | | | | | +2216 | |

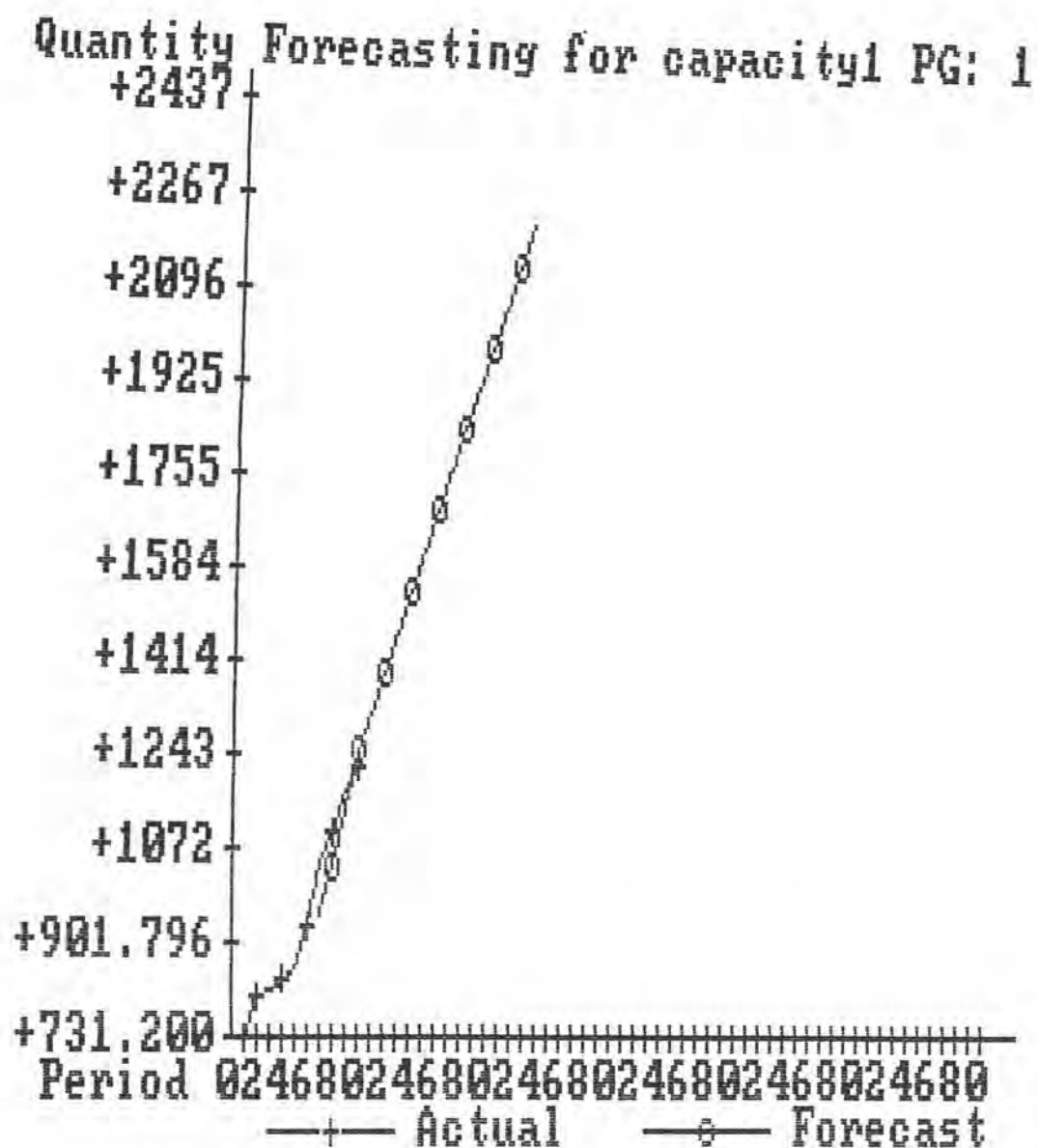
MAD = 52.8933 MSE = 3702 Bias = -41.1400 M = 6

ព្រឹត្តិបត្រសម្រាប់ការប្រើប្រាស់ប្រព័ន្ធបណ្តាញកម្ពុជា
 Moving average with linear trend for capacity1 Page: 1

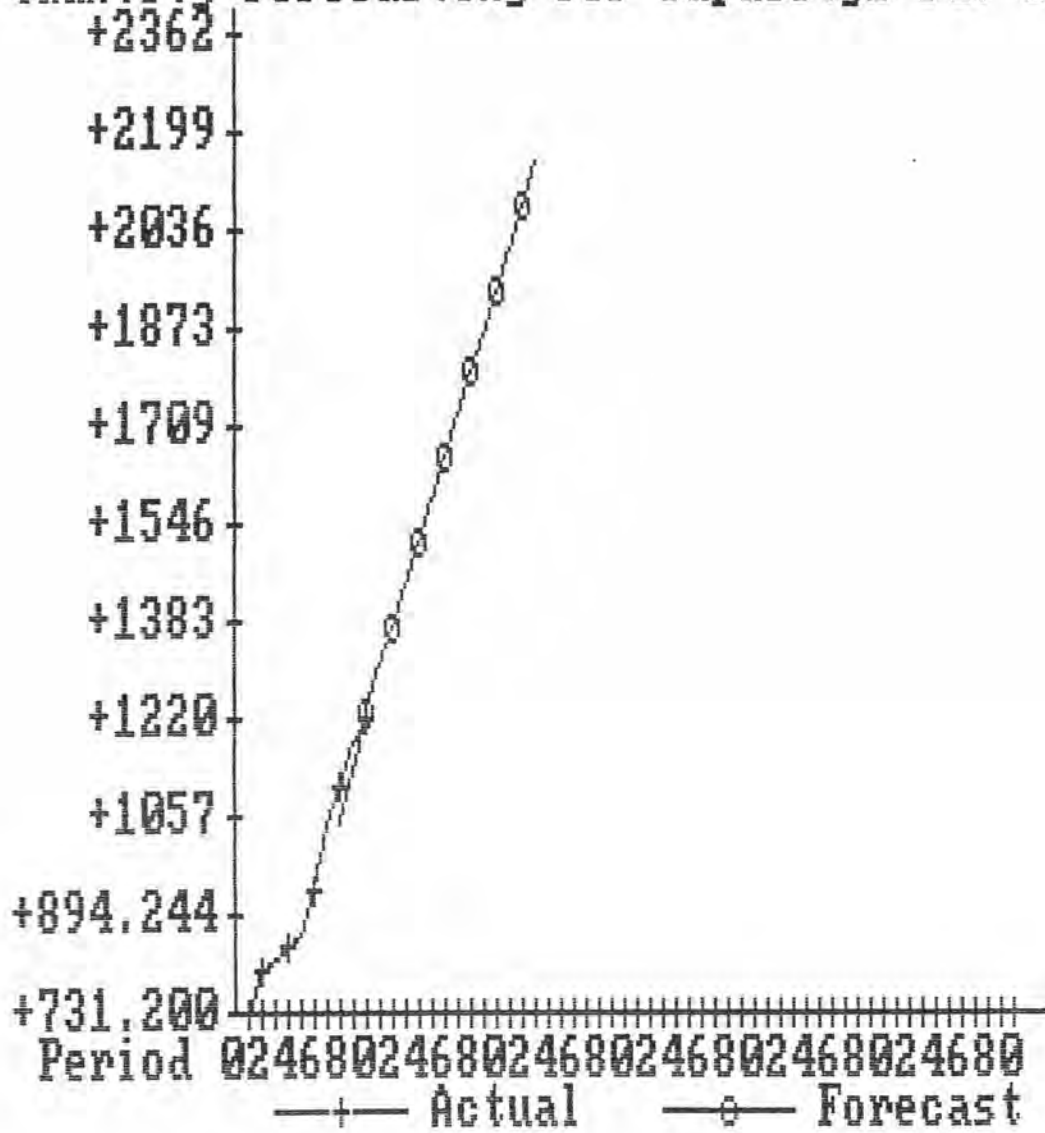
| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|-----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | | | | | |
| 6 | +934.300 | | | | | |
| 7 | +1049 | +862.571 | +44.9000 | | | |
| 8 | +1109 | +916.543 | +52.5357 | | +1042 | -66.8286 |
| 9 | +1176 | +970.000 | +63.9429 | | +1127 | -49.3142 |
| 10 | +1225 | +1028 | +69.9500 | | +1226 | + .771484 |
| 11 | | | | | +1308 | |
| 12 | | | | | +1377 | |
| 13 | | | | | +1447 | |
| 14 | | | | | +1517 | |
| 15 | | | | | +1587 | |
| 16 | | | | | +1657 | |
| 17 | | | | | +1727 | |
| 18 | | | | | +1797 | |
| 19 | | | | | +1867 | |
| 20 | | | | | +1937 | |
| 21 | | | | | +2007 | |
| 22 | | | | | +2077 | |
| 23 | | | | | +2147 | |

MAD = 38.9714 MSE = 2300 Bias = -38.4571 M = 7

ព្រឹត្តិបត្រសម្រាប់ការប្រើប្រាស់ប្រព័ន្ធបណ្តាញកម្ពុជា



Quantity Forecasting for capacity1 PG: 1



Moving average with linear trend for capacity1 Page: 1

| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | | | | | |
| 6 | +934.300 | | | | | |
| 7 | +1049 | | | | | |
| 8 | +1109 | +893.375 | +50.4691 | | | |
| 9 | +1176 | +948.975 | +56.6452 | | +1120 | -55.5143 |
| 10 | +1225 | +1002 | +63.8786 | | +1204 | -21.1213 |
| 11 | | | | | +1289 | |
| 12 | | | | | +1353 | |
| 13 | | | | | +1417 | |
| 14 | | | | | +1481 | |
| 15 | | | | | +1545 | |
| 16 | | | | | +1609 | |
| 17 | | | | | +1673 | |
| 18 | | | | | +1736 | |
| 19 | | | | | +1800 | |
| 20 | | | | | +1864 | |
| 21 | | | | | +1928 | |
| 22 | | | | | +1992 | |
| 23 | | | | | +2056 | |

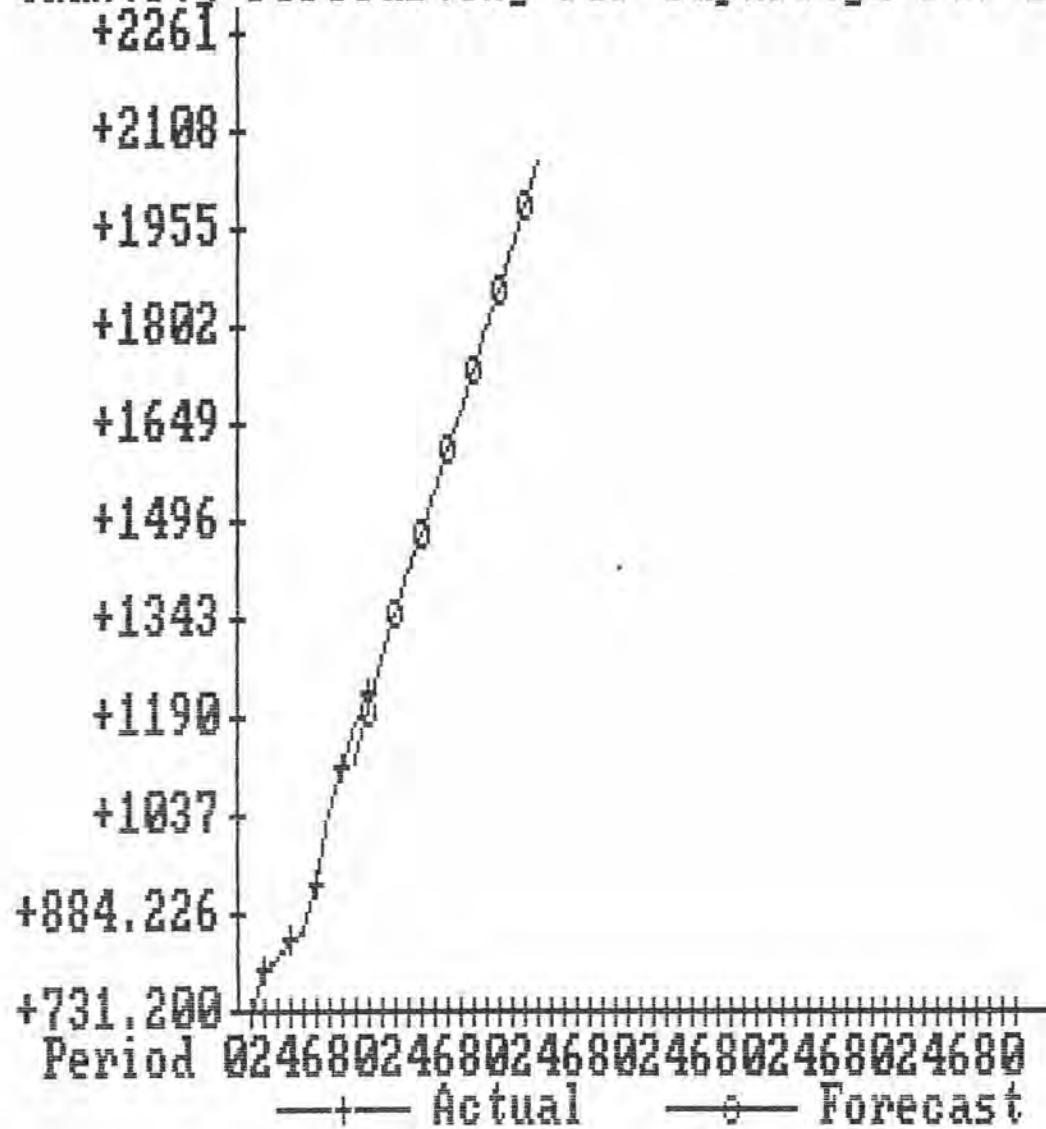
MAD = 38.3178 MSE = 1764 Bias = -38.3178 M = 8

Moving average with linear trend for capacity1 Page: 1

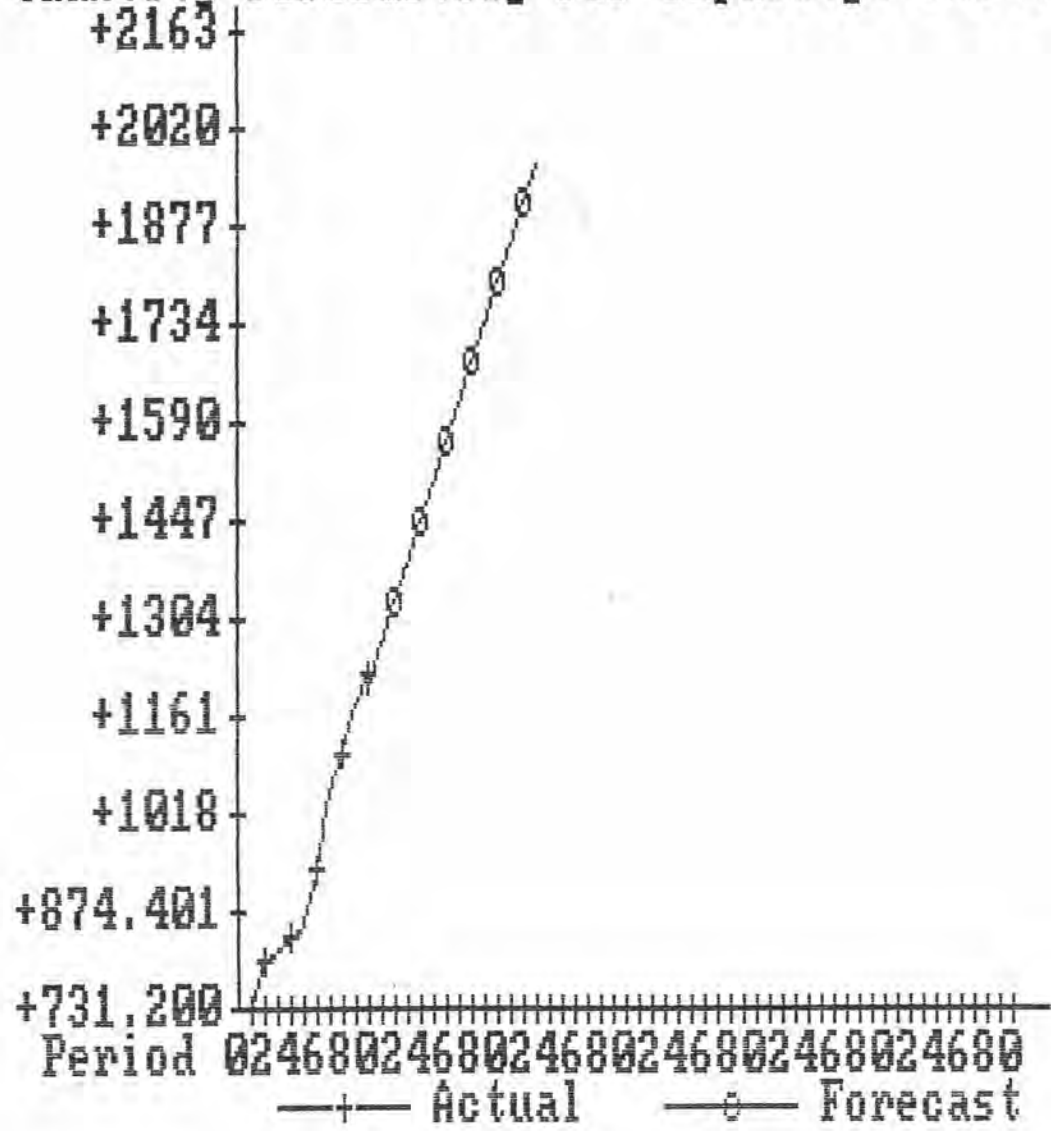
| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|----------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | | | | | |
| 6 | +934.300 | | | | | |
| 7 | +1049 | | | | | |
| 8 | +1109 | | | | | |
| 9 | +1176 | +924.778 | +54.1700 | | | |
| 10 | +1225 | +979.644 | +58.0533 | | +1196 | -29.3722 |
| 11 | | | | | +1270 | |
| 12 | | | | | +1328 | |
| 13 | | | | | +1386 | |
| 14 | | | | | +1444 | |
| 15 | | | | | +1502 | |
| 16 | | | | | +1560 | |
| 17 | | | | | +1618 | |
| 18 | | | | | +1676 | |
| 19 | | | | | +1734 | |
| 20 | | | | | +1792 | |
| 21 | | | | | +1850 | |
| 22 | | | | | +1908 | |
| 23 | | | | | +1967 | |

MAD = 29.3722 MSE = 862.726 Bias = -29.3722 M = 9

Quantity Forecasting for capacity1 PG: 1



Quantity Forecasting for capacity1 PG: 1



* ព្រឹត្តិបត្រមធ្យមដោយលីនេអ៊ែរសម្រាប់សមត្ថភាព
 Moving average with linear trend for capacity! Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------|----------|-------|
| 1 | +731.200 | | | | | |
| 2 | +801.800 | | | | | |
| 3 | +820.800 | | | | | |
| 4 | +841.300 | | | | | |
| 5 | +859.600 | | | | | |
| 6 | +934.300 | | | | | |
| 7 | +1049 | | | | | |
| 8 | +1109 | | | | | |
| 9 | +1176 | | | | | |
| 10 | +1225 | +954.800 | +55.7721 | | | |
| 11 | | | | | +1262 | |
| 12 | | | | | +1317 | |
| 13 | | | | | +1373 | |
| 14 | | | | | +1429 | |
| 15 | | | | | +1485 | |
| 16 | | | | | +1540 | |

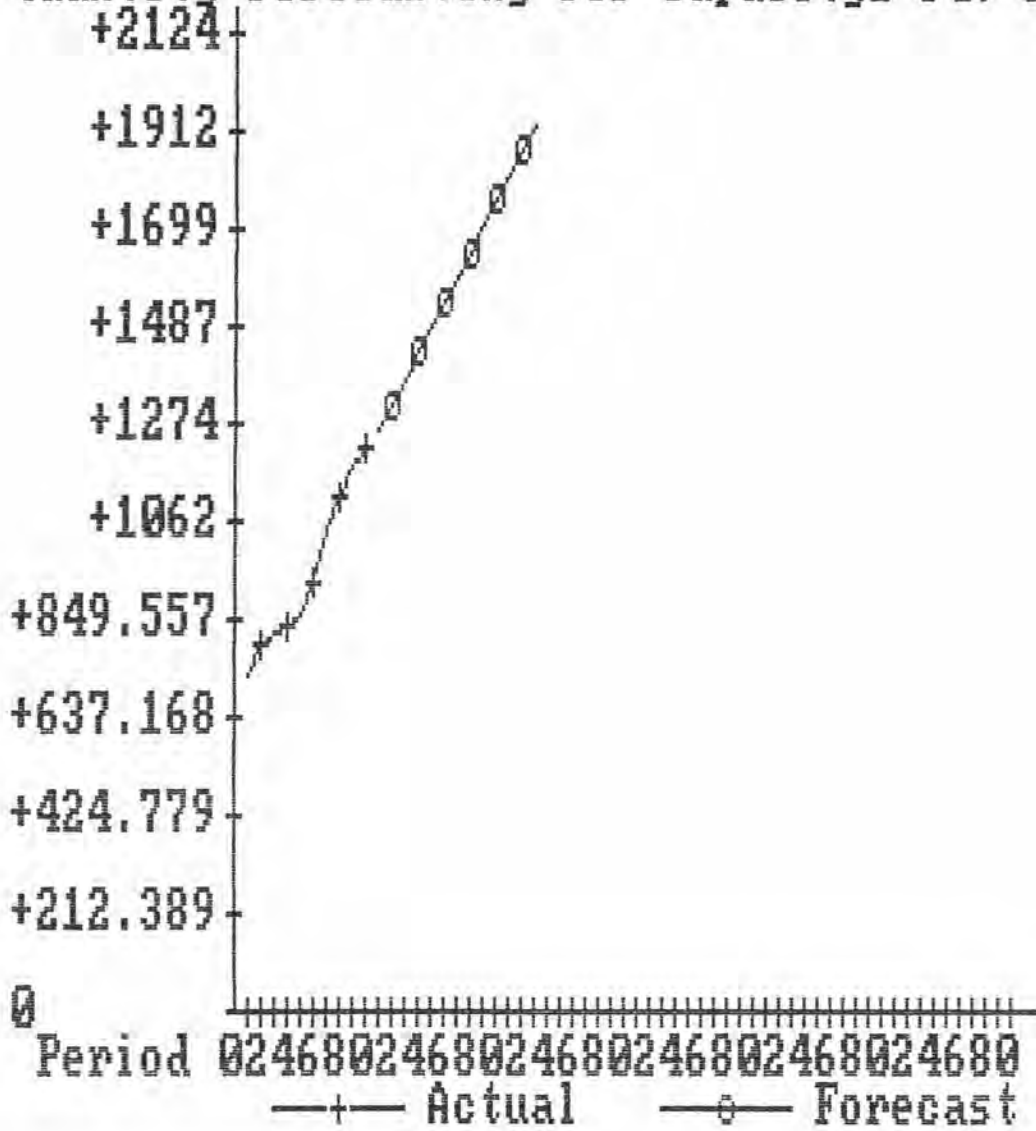
MAD = 0 MSE = 0 Bias = 0 M = 10

* ព្រឹត្តិបត្រមធ្យមដោយលីនេអ៊ែរសម្រាប់សមត្ថភាព
 Moving average with linear trend for capacity! Page: 2

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|-------|
| 17 | | | | | +1596 | |
| 18 | | | | | +1652 | |
| 19 | | | | | +1708 | |
| 20 | | | | | +1763 | |
| 21 | | | | | +1819 | |
| 22 | | | | | +1875 | |
| 23 | | | | | +1931 | |

MAD = 0 MSE = 0 Bias = 0 M = 10

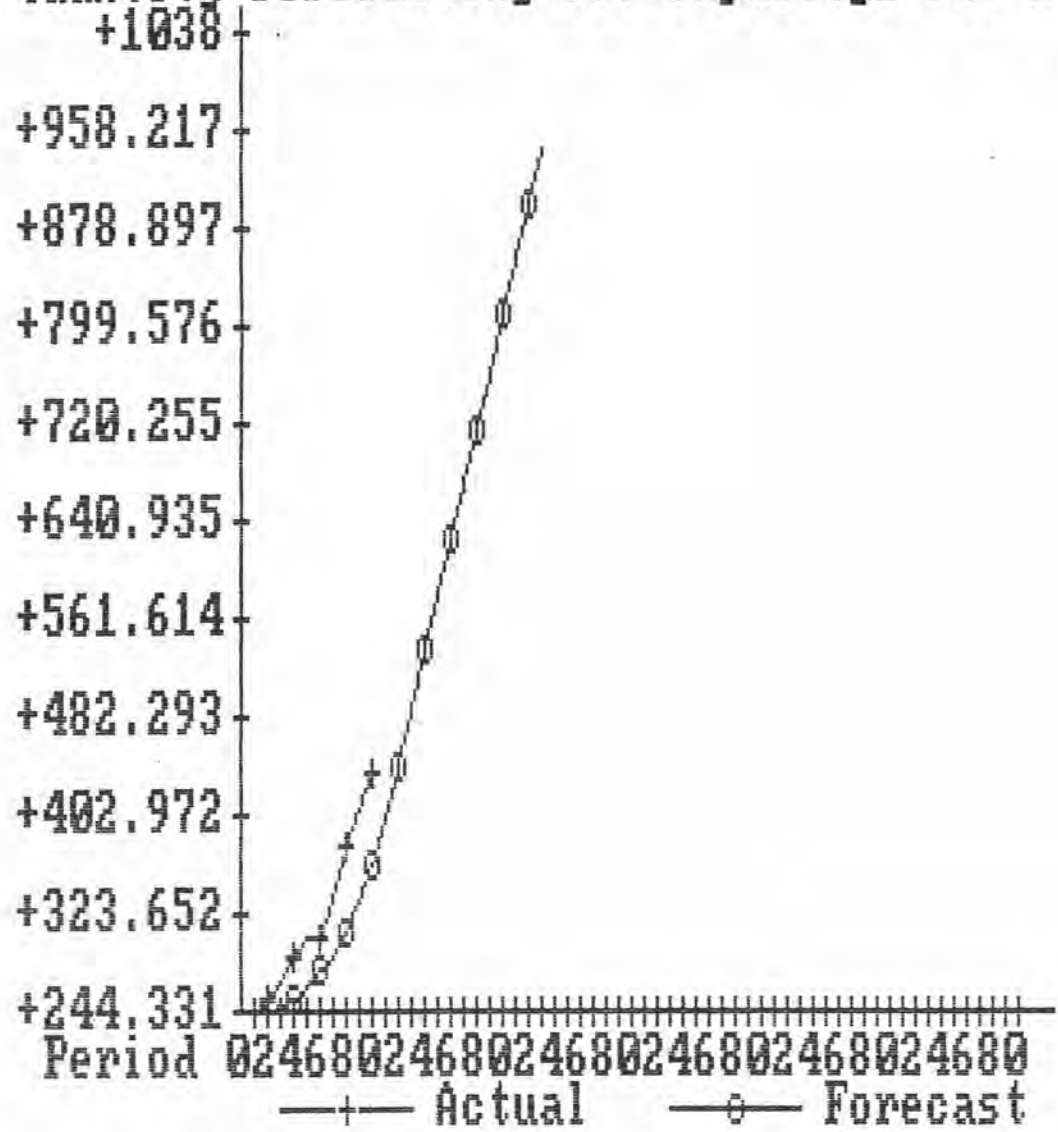
Quantity Forecasting for capacity1 PG: 1



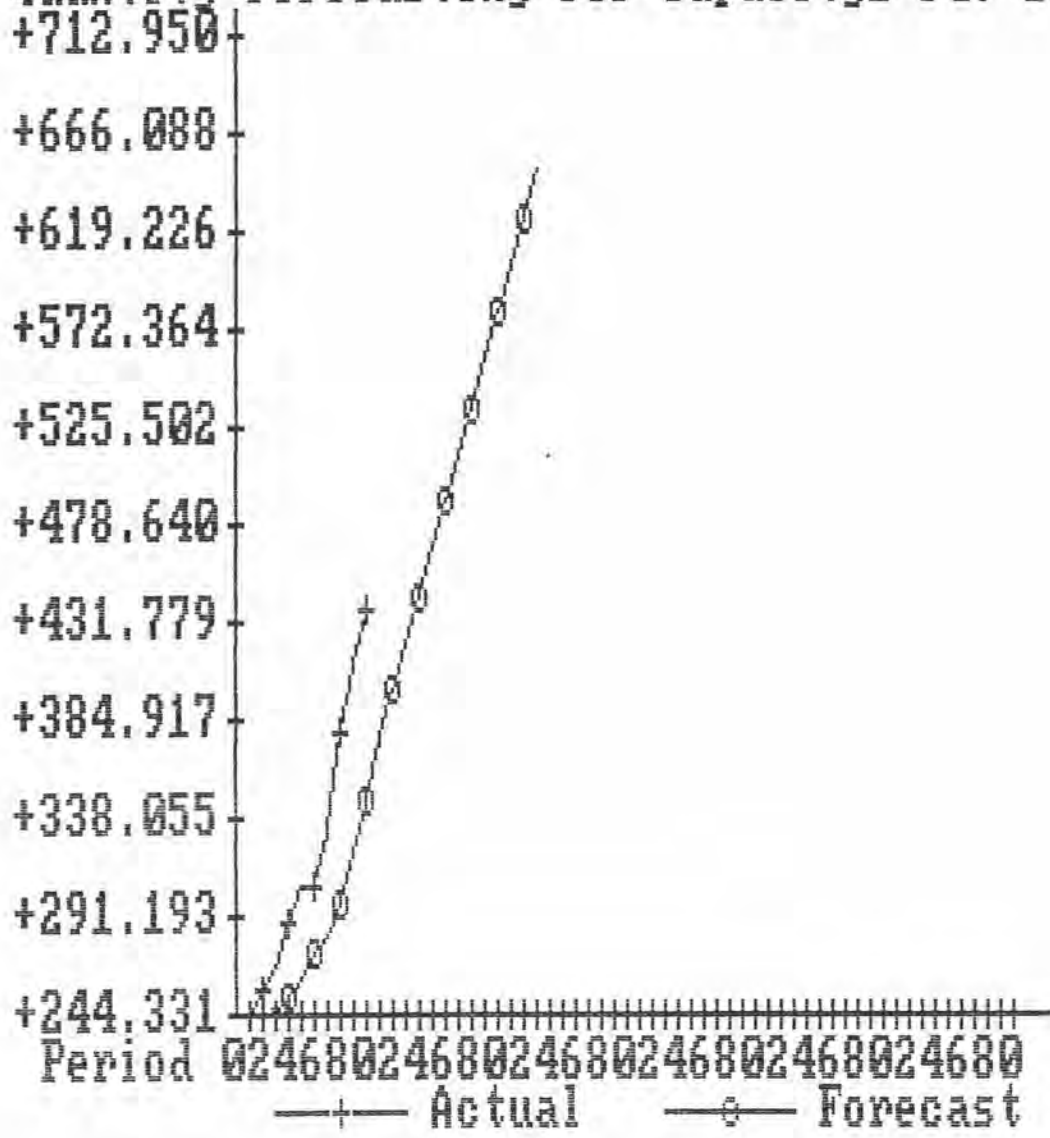
ภาคผนวกที่ ข.2

แสดงการพยากรณ์กำลังการผลิตของการประปาส่วนภูมิภาค โดยวิธี Double exponential smoothing with linear trend โดยแสดงที่ค่า Alpha (a) และ Beta (b) ที่ $a = 0.2$ และ $b = 0.1-0.8$

Quantity Forecasting for capacity2 PG: 1



Quantity Forecasting for capacity2 PG: 1





* ព្រះរាជាណាចក្រកម្ពុជា ជាតិ សាសនា ព្រះមហាក្សត្រ
 Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|------------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | +244.331 | -11.8970 |
| 2 | +256.228 | +245.521 | +244.450 | +3.356913 | +246.948 | -20.3587 |
| 3 | +267.307 | +247.699 | +244.775 | +9.974813 | +251.599 | -35.6955 |
| 4 | +287.294 | +251.659 | +245.463 | +20.06517 | +259.919 | -45.9265 |
| 5 | +305.846 | +257.077 | +246.625 | +34.48427 | +271.015 | -34.8315 |
| 6 | +332.978 | +261.954 | +248.158 | +54.59890 | +280.350 | -52.6280 |
| 7 | +379.527 | +269.057 | +250.248 | +80.26972 | +294.136 | -85.3914 |
| 8 | +409.853 | +280.104 | +253.233 | +113.95686 | +315.931 | -93.9219 |
| 9 | +438.880 | +293.079 | +257.218 | +157.1323 | +340.893 | -97.9868 |
| 10 | | +307.659 | +262.262 | | +368.188 | |
| 11 | | | | | +383.320 | |
| 12 | | | | | +398.453 | |
| 13 | | | | | +413.585 | |
| 14 | | | | | +428.717 | |
| 15 | | | | | +443.850 | |
| 16 | | | | | | |

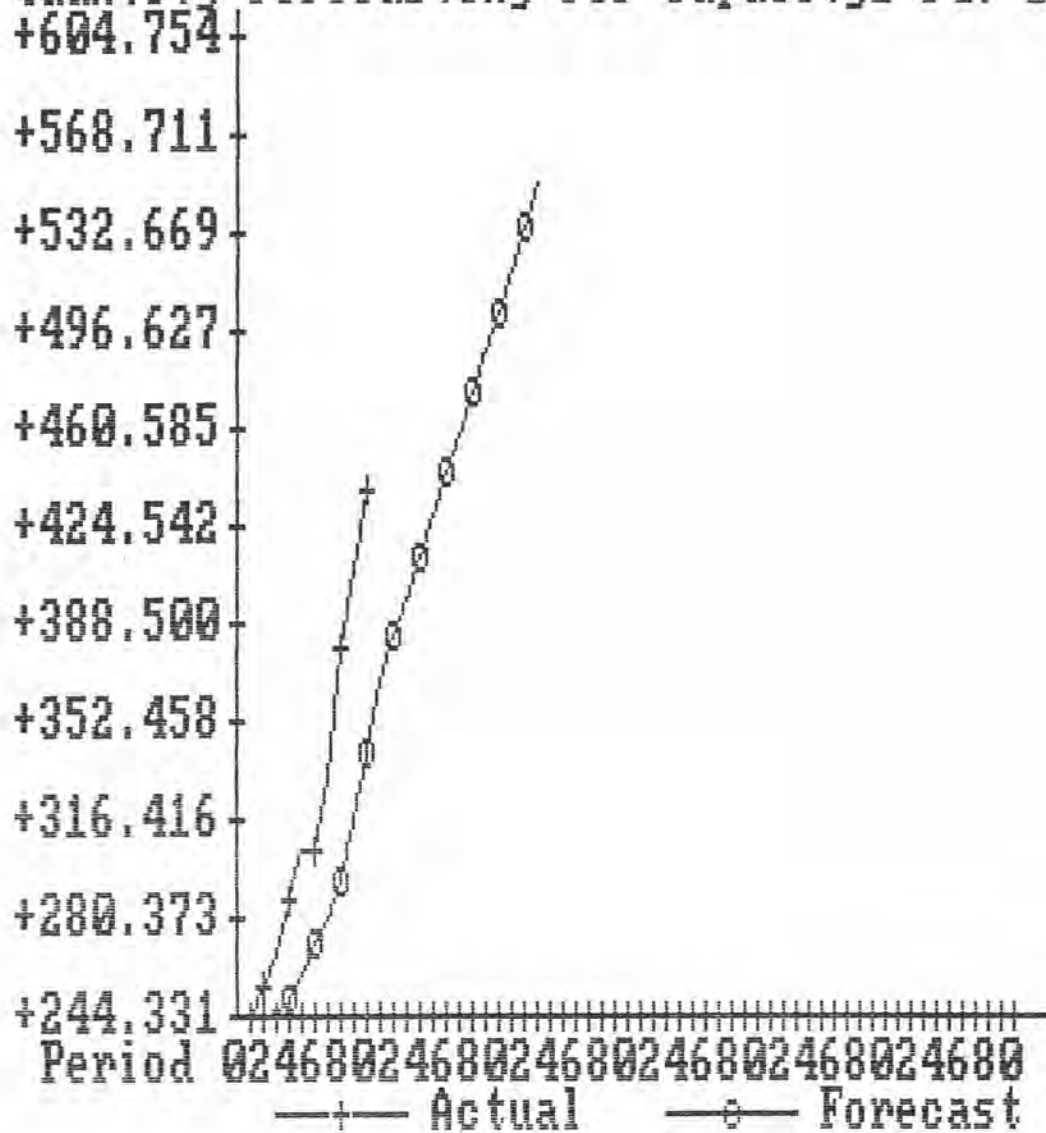
MAD = 53.1819 MSE = 3737 Bias = -53.1819 a = 0.100 b = 0.300

* ព្រះរាជាណាចក្រកម្ពុជា ជាតិ សាសនា ព្រះមហាក្សត្រ
 Double exponential smoothing with linear trend for capacity Page: 2

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|-------|
| 17 | | | | | +458.982 | |
| 18 | | | | | +474.114 | |
| 19 | | | | | +489.247 | |
| 20 | | | | | +504.379 | |
| 21 | | | | | +519.511 | |
| 22 | | | | | +534.644 | |
| 23 | | | | | +549.776 | |

MAD = 53.1819 MSE = 3737 Bias = -53.1819 a = 0.100 b = 0.300

Quantity Forecasting for capacity2 PG: 1



Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +245.521 | +244.450 | +267.685 | +244.331 | -11.8970 |
| 3 | +267.307 | +247.699 | +244.775 | +731.110 | +246.859 | -20.4479 |
| 4 | +287.294 | +251.659 | +245.463 | +1.54888 | +251.355 | -35.9392 |
| 5 | +305.846 | +257.077 | +246.625 | +2.61320 | +259.403 | -46.4428 |
| 6 | +305.846 | +261.954 | +248.158 | +3.44918 | +270.143 | -35.7025 |
| 7 | +332.978 | +269.057 | +250.248 | +4.70229 | +279.200 | -53.7778 |
| 8 | +379.527 | +280.104 | +253.233 | +6.71764 | +292.568 | -86.9589 |
| 9 | +409.853 | +293.079 | +257.218 | +8.96523 | +313.692 | -96.1610 |
| 10 | +438.880 | +307.659 | +262.262 | +11.3492 | +337.905 | -100.975 |
| 11 | | | | | +364.405 | |
| 12 | | | | | +375.754 | |
| 13 | | | | | +387.103 | |
| 14 | | | | | +398.453 | |
| 15 | | | | | +409.802 | |
| 16 | | | | | +421.151 | |

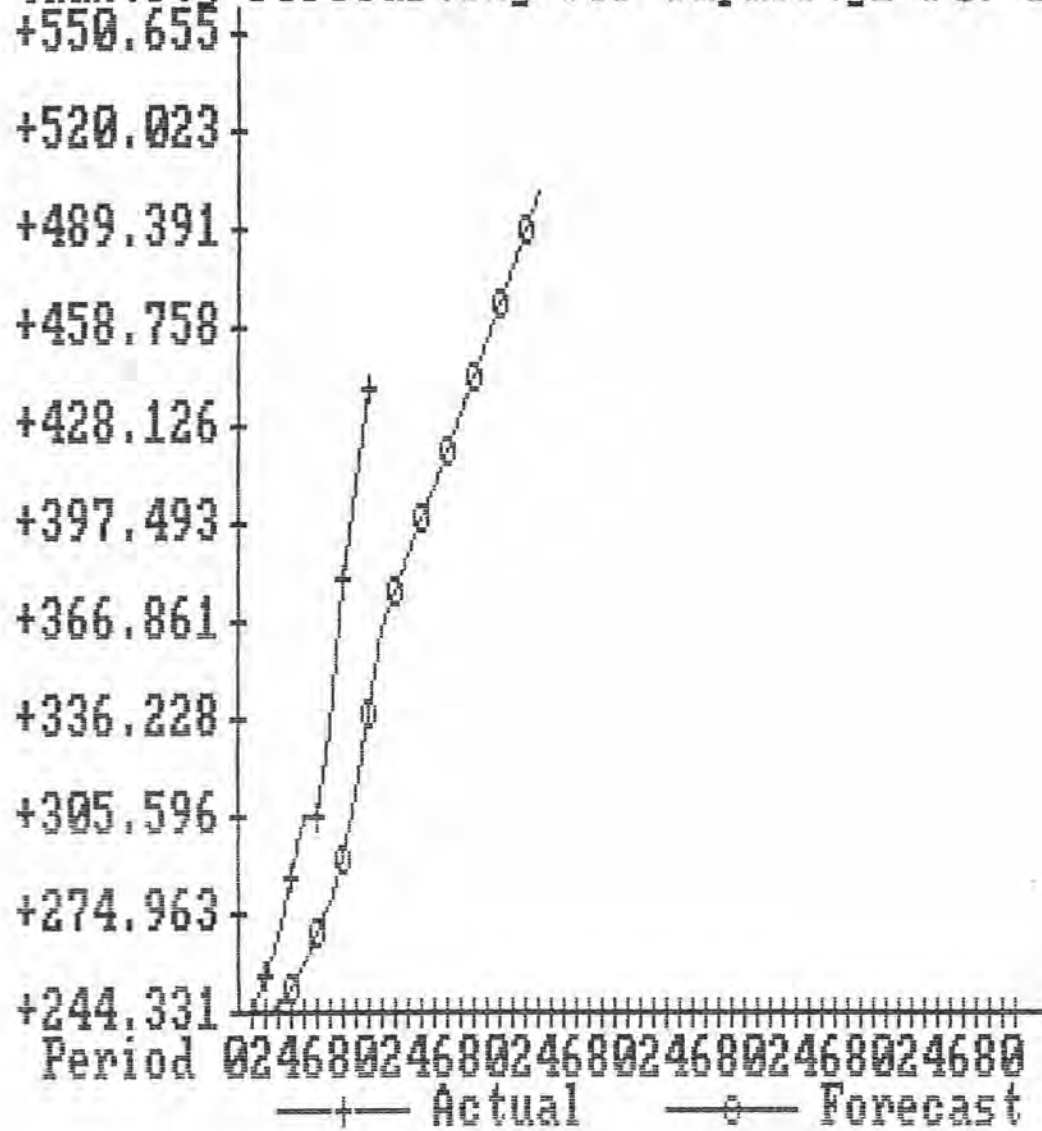
MAD = 54.2558 MSE = 3909 Bias = -54.2558 a = 0.100 b = 0.400

Double exponential smoothing with linear trend for capacity Page: 2

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|-------|
| 17 | | | | | +432.500 | |
| 18 | | | | | +443.850 | |
| 19 | | | | | +455.199 | |
| 20 | | | | | +466.548 | |
| 21 | | | | | +477.897 | |
| 22 | | | | | +489.247 | |
| 23 | | | | | +500.596 | |

MAD = 54.2558 MSE = 3909 Bias = -54.2558 a = 0.100 b = 0.400

Quantity Forecasting for capacity2 PG: 1



* ព័ត៌មានសម្រាប់ការប្រើប្រាស់កម្រិតទិន្នន័យទាំងស្រុង ៖
 Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +245.521 | +244.450 | + .214148 | +244.331 | -11.8970 |
| 3 | +267.307 | +247.699 | +244.775 | + .584888 | +246.806 | -20.5015 |
| 4 | +287.294 | +251.659 | +245.463 | +1.23910 | +251.209 | -36.0854 |
| 5 | +305.846 | +257.077 | +246.625 | +2.09056 | +259.093 | -46.7526 |
| 6 | +305.846 | +261.954 | +248.158 | +2.75934 | +269.621 | -36.2251 |
| 7 | +332.978 | +269.057 | +250.248 | +3.76183 | +278.510 | -54.4676 |
| 8 | +379.527 | +280.104 | +253.233 | +5.37412 | +291.628 | -87.8993 |
| 9 | +409.853 | +293.079 | +257.218 | +7.17219 | +312.348 | -97.5046 |
| 10 | +438.880 | +307.659 | +262.262 | +9.0794 | +336.112 | -102.768 |
| 11 | | | | | +362.135 | |
| 12 | | | | | +371.215 | |
| 13 | | | | | +380.294 | |
| 14 | | | | | +389.373 | |
| 15 | | | | | +398.453 | |
| 16 | | | | | +407.532 | |

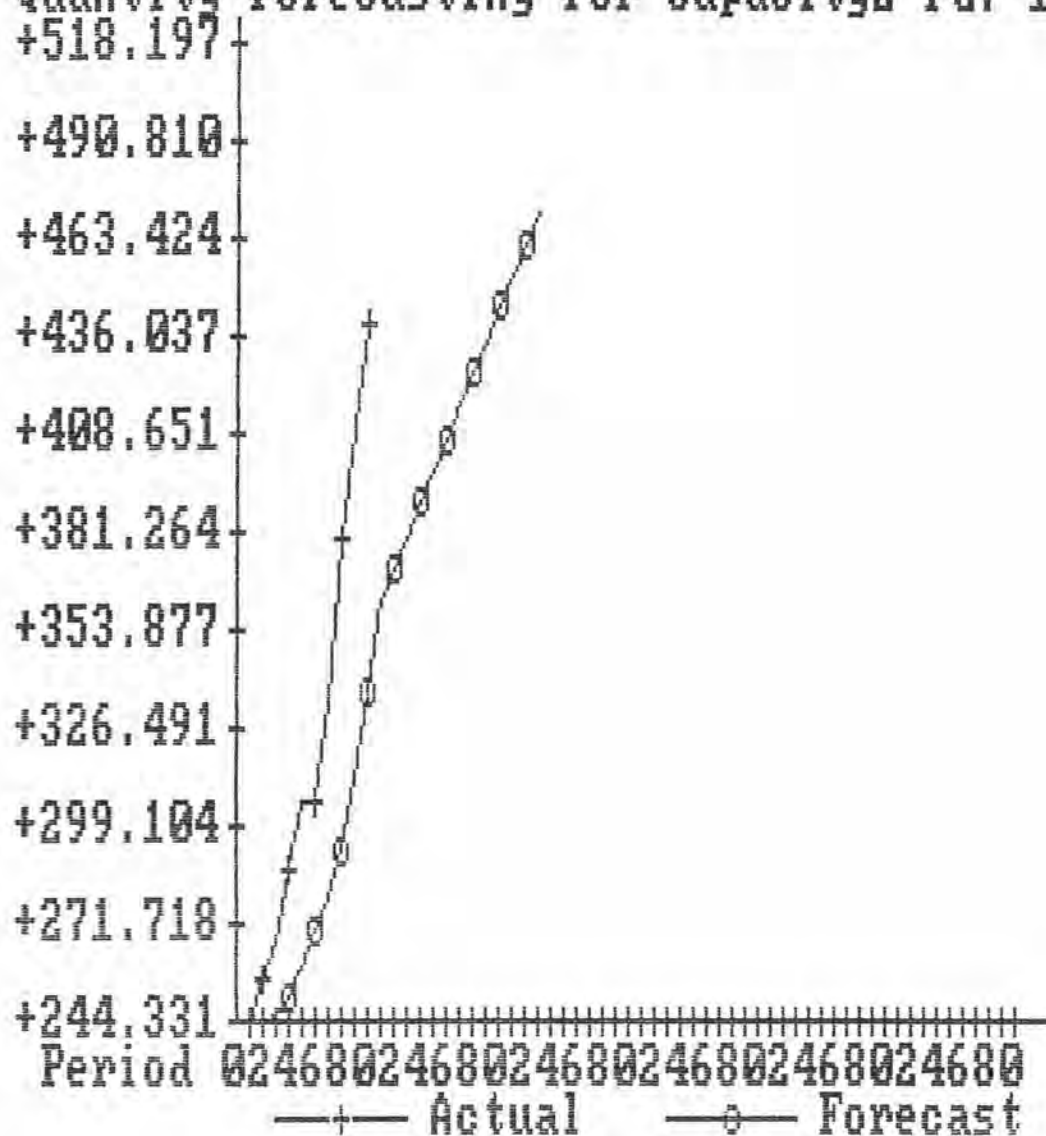
MAD = 54.9002 MSE = 4014 Bias = -54.9002 a = 0.100 b = 0.500

* ព័ត៌មានសម្រាប់ការប្រើប្រាស់កម្រិតទិន្នន័យទាំងស្រុង ៖
 Double exponential smoothing with linear trend for capacity Page: 2

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|-------|
| 17 | | | | | +416.612 | |
| 18 | | | | | +425.691 | |
| 19 | | | | | +434.770 | |
| 20 | | | | | +443.850 | |
| 21 | | | | | +452.929 | |
| 22 | | | | | +462.009 | |
| 23 | | | | | +471.088 | |

MAD = 54.9002 MSE = 4014 Bias = -54.9002 a = 0.100 b = 0.500

Quantity Forecasting for capacity2 PG: 1



Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +245.521 | +244.450 | +1.178457 | +244.331 | -11.8970 |
| 3 | +267.307 | +247.699 | +244.775 | +1.487406 | +246.770 | -20.5371 |
| 4 | +287.294 | +251.659 | +245.463 | +1.03259 | +251.111 | -36.1828 |
| 5 | +305.846 | +257.077 | +246.625 | +1.74213 | +258.887 | -46.9591 |
| 6 | +305.846 | +261.954 | +248.158 | +2.29945 | +269.272 | -36.5736 |
| 7 | +332.978 | +269.057 | +250.248 | +3.13486 | +278.051 | -54.9275 |
| 8 | +379.527 | +280.104 | +253.233 | +4.47843 | +291.001 | -88.5262 |
| 9 | +409.853 | +293.079 | +257.218 | +5.97682 | +311.453 | -98.4002 |
| 10 | +438.880 | +307.659 | +262.262 | +7.56616 | +334.916 | -103.964 |
| 11 | | | | | +360.622 | |
| 12 | | | | | +368.188 | |
| 13 | | | | | +375.754 | |
| 14 | | | | | +383.320 | |
| 15 | | | | | +390.887 | |
| 16 | | | | | +398.453 | |

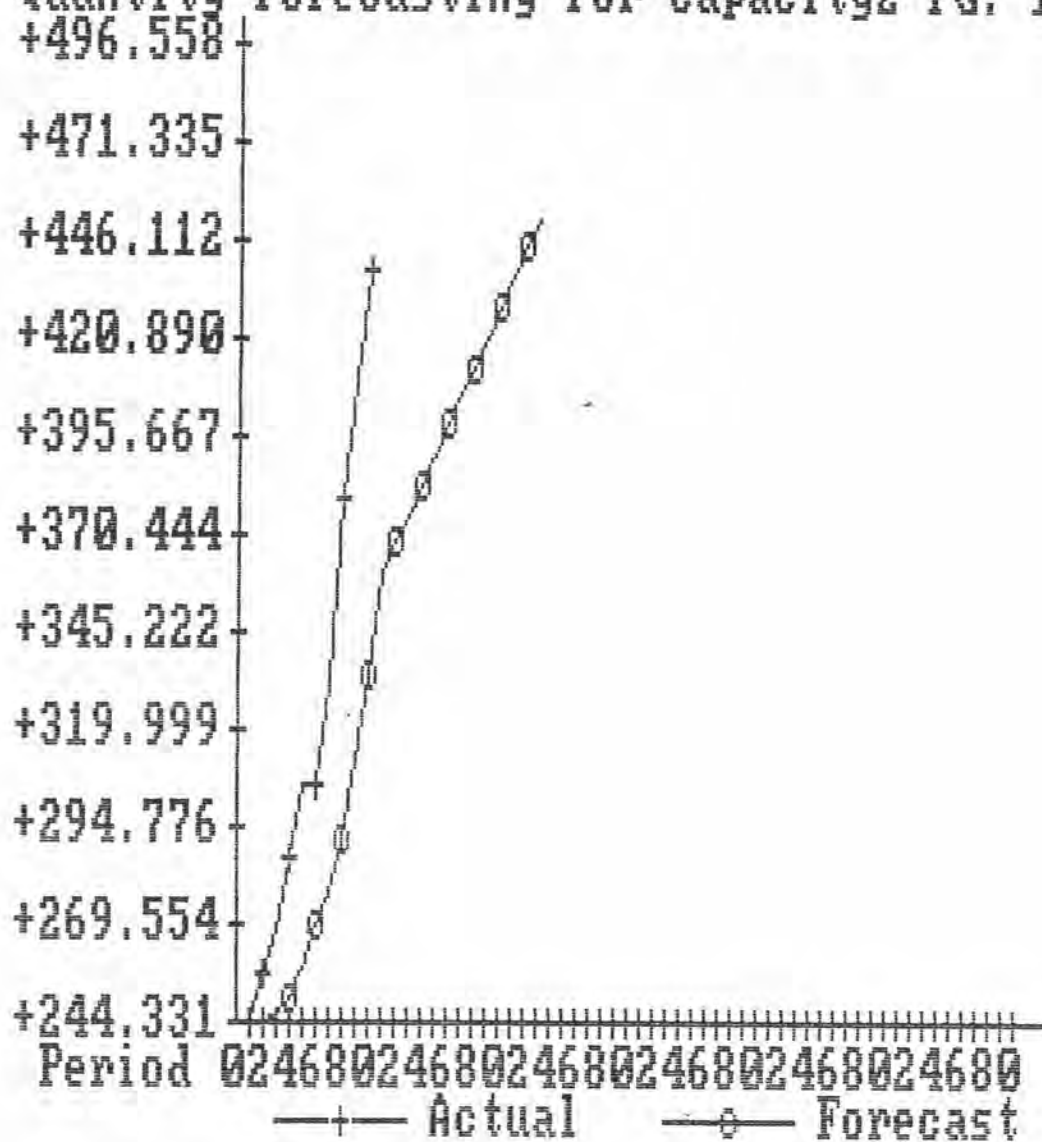
MAD = 55.3297 MSE = 4084 Bias = -55.3297 a = 0.100 b = 0.600

Double exponential smoothing with linear trend for capacity Page: 2

| | | | | | | |
|----|--|--|--|--|----------|--|
| 17 | | | | | +406.019 | |
| 18 | | | | | +413.585 | |
| 19 | | | | | +421.151 | |
| 20 | | | | | +428.717 | |
| 21 | | | | | +436.284 | |
| 22 | | | | | +443.850 | |
| 23 | | | | | +451.416 | |

MAD = 55.3297 MSE = 4084 Bias = -55.3297 a = 0.100 b = 0.600

Quantity Forecasting for capacity2 PG: 1



* ព្រមព្រៀង: Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +245.521 | +244.450 | +1.152963 | +244.331 | -11.8970 |
| 3 | +267.307 | +247.699 | +244.775 | +1.417777 | +246.744 | -20.5627 |
| 4 | +287.294 | +251.659 | +245.463 | +1.885073 | +251.042 | -36.2525 |
| 5 | +305.846 | +257.077 | +246.625 | +1.49326 | +258.739 | -47.1067 |
| 6 | +305.846 | +261.954 | +248.158 | +1.97096 | +269.024 | -36.8225 |
| 7 | +332.978 | +269.057 | +250.248 | +2.68702 | +277.722 | -55.2560 |
| 8 | +379.527 | +280.104 | +253.233 | +3.83865 | +290.553 | -88.9742 |
| 9 | +409.853 | +293.079 | +257.218 | +5.12299 | +310.813 | -99.040 |
| 10 | +438.880 | +307.659 | +262.262 | +6.48528 | +334.063 | -104.817 |
| 11 | | | | | +359.541 | |
| 12 | | | | | +366.026 | |
| 13 | | | | | +372.512 | |
| 14 | | | | | +378.997 | |
| 15 | | | | | +385.482 | |
| 16 | | | | | +391.967 | |

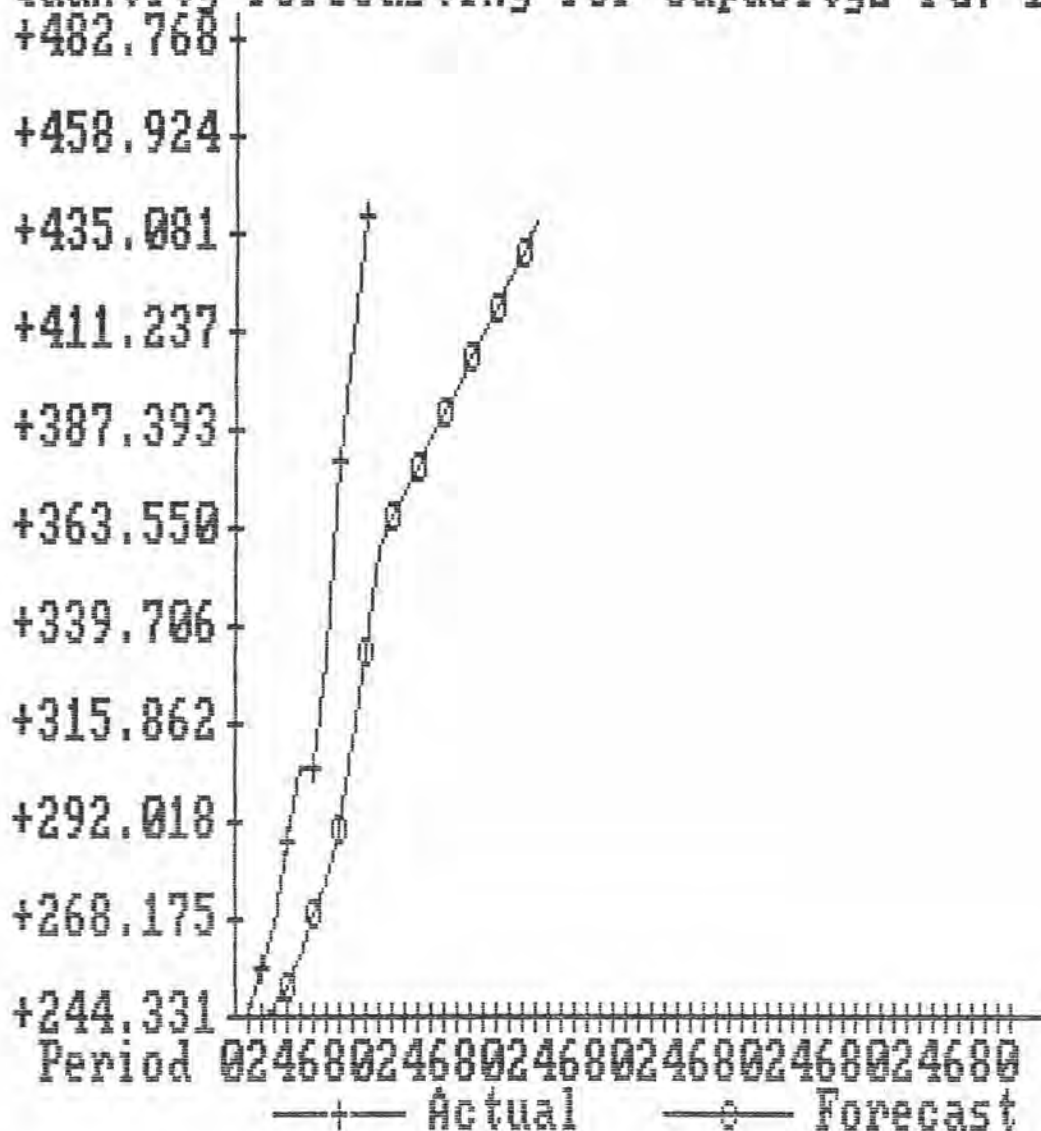
MAD = 55.6366 MSE = 4135 Bias = -55.6366 a = 0.100 b = 0.700

* ព្រមព្រៀង: Double exponential smoothing with linear trend for capacity Page: 2

| | | | | | | |
|----|--|--|--|--|----------|--|
| 17 | | | | | +398.453 | |
| 18 | | | | | +404.938 | |
| 19 | | | | | +411.423 | |
| 20 | | | | | +417.909 | |
| 21 | | | | | +424.394 | |
| 22 | | | | | +430.879 | |
| 23 | | | | | +437.365 | |

MAD = 55.6366 MSE = 4135 Bias = -55.6366 a = 0.100 b = 0.700

Quantity Forecasting for capacity2 PG: 1



Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +245.521 | +244.450 | +1.133842 | +244.331 | -11.8970 |
| 3 | +267.307 | +247.699 | +244.775 | +3.365555 | +246.725 | -20.5818 |
| 4 | +287.294 | +251.659 | +245.463 | +7.74439 | +250.989 | -36.3047 |
| 5 | +305.846 | +257.077 | +246.625 | +13.06660 | +258.629 | -47.2173 |
| 6 | +305.846 | +261.954 | +248.158 | +17.72459 | +268.837 | -37.0091 |
| 7 | +332.978 | +269.057 | +250.248 | +23.35114 | +277.476 | -55.5024 |
| 8 | +379.527 | +280.104 | +253.233 | +33.35882 | +290.217 | -89.3100 |
| 9 | +409.853 | +293.079 | +257.218 | +44.48262 | +310.333 | -99.520 |
| 10 | +438.880 | +307.659 | +262.262 | +56.67462 | +333.422 | -105.458 |
| 11 | | | | | +358.730 | |
| 12 | | | | | +364.405 | |
| 13 | | | | | +370.080 | |
| 14 | | | | | +375.754 | |
| 15 | | | | | +381.429 | |
| 16 | | | | | +387.103 | |

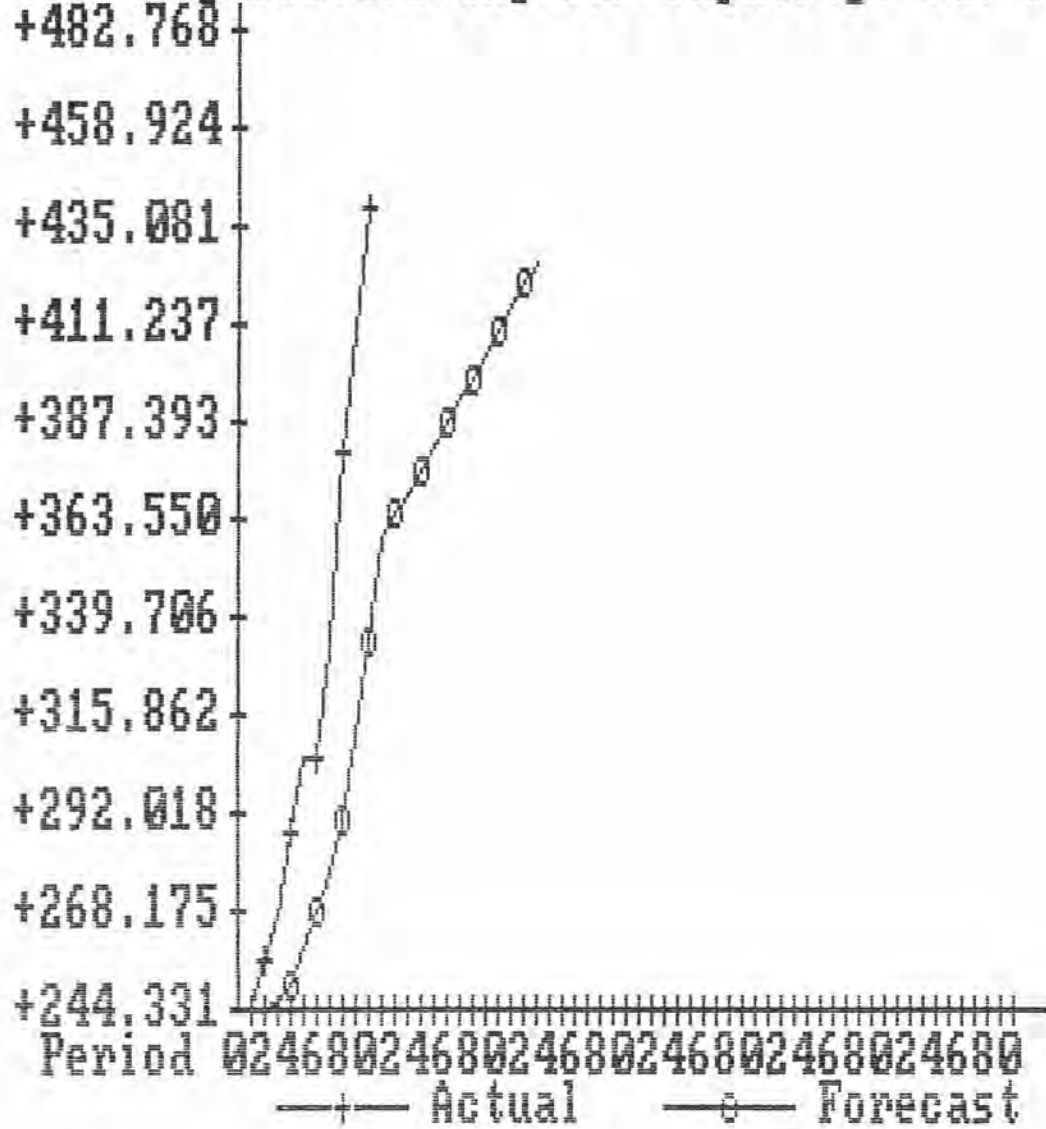
MAD = 55.8667 MSE = 4174 Bias = -55.8667 a = 0.100 b = 0.800

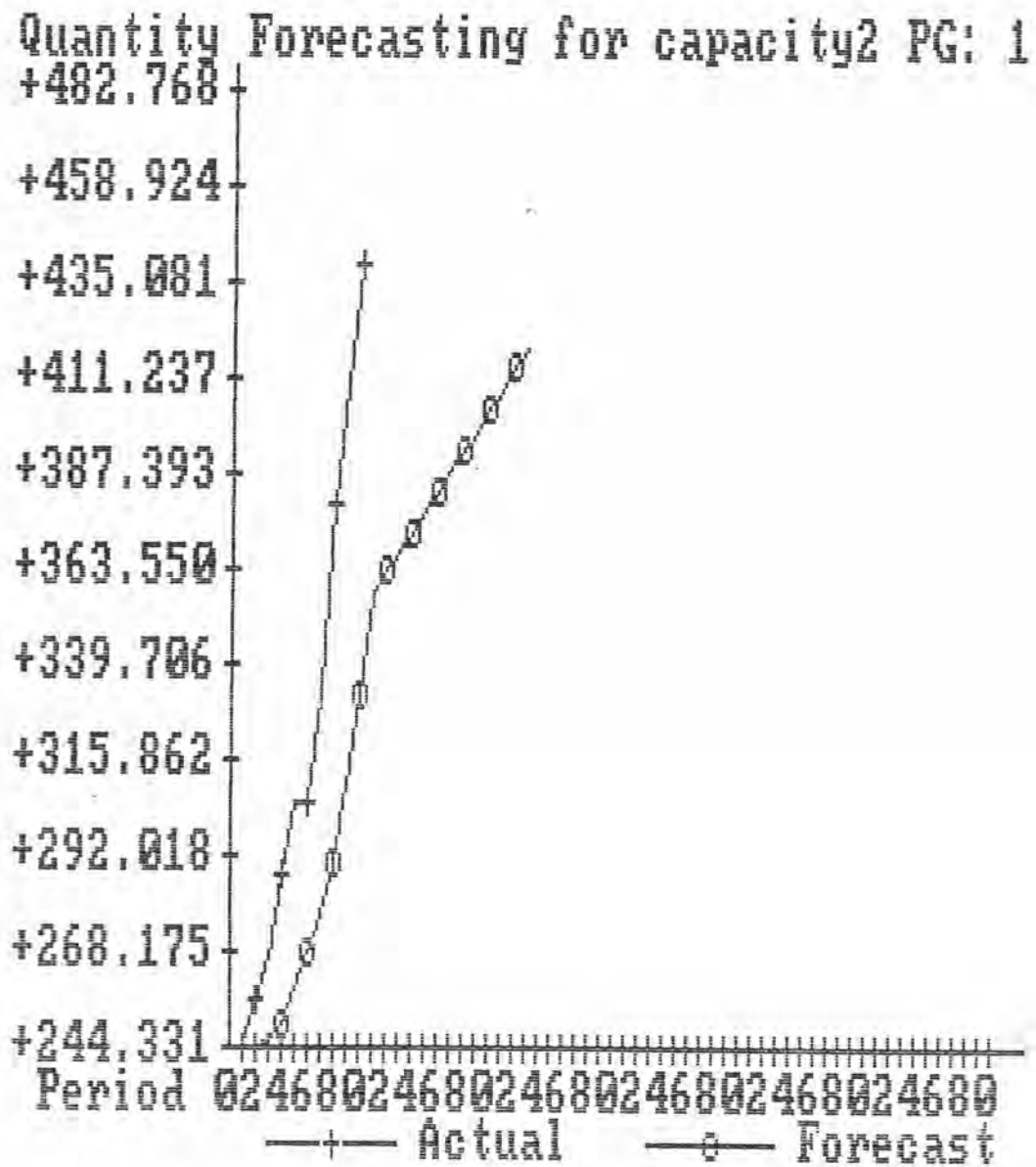
Double exponential smoothing with linear trend for capacity Page: 2

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|-------|
| 17 | | | | | +392.778 | |
| 18 | | | | | +398.453 | |
| 19 | | | | | +404.127 | |
| 20 | | | | | +409.802 | |
| 21 | | | | | +415.477 | |
| 22 | | | | | +421.151 | |
| 23 | | | | | +426.826 | |

MAD = 55.8667 MSE = 4174 Bias = -55.8667 a = 0.100 b = 0.800

Quantity Forecasting for capacity2 PG: 1





Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|---------|-----------|----------|----------|----------|
| 1 | 244.331 | 244.331 | 244.331 | 0 | 244.331 | -11.8970 |
| 2 | 256.228 | 246.710 | 244.807 | +3.80704 | 244.331 | -11.8970 |
| 3 | 267.307 | 250.830 | 246.011 | +9.6366 | 252.421 | -14.8860 |
| 4 | 287.294 | 258.123 | 248.434 | +19.3778 | 265.285 | -22.0094 |
| 5 | 305.846 | 267.667 | 252.280 | +30.7737 | 287.189 | -18.6566 |
| 6 | 305.846 | 275.303 | 256.885 | +36.8362 | 313.828 | +7.98187 |
| 7 | 332.978 | 286.838 | 262.876 | +47.9249 | 330.557 | -2.42068 |
| 8 | 379.527 | 305.376 | 271.376 | +68.0004 | 358.725 | -20.8015 |
| 9 | 409.853 | 326.271 | 282.355 | +87.8331 | 407.376 | -2.47653 |
| 10 | 438.880 | 348.793 | 295.642 | +106.301 | 458.021 | +19.1409 |
| 11 | | | | | 508.245 | |
| 12 | | | | | 614.546 | |
| 13 | | | | | 720.848 | |
| 14 | | | | | 827.149 | |
| 15 | | | | | 933.450 | |
| 16 | | | | | 1040 | |
| 17 | | | | | 1146 | |
| 18 | | | | | 1252 | |
| 19 | | | | | 1359 | |
| 20 | | | | | 1465 | |
| 21 | | | | | 1571 | |
| 22 | | | | | 1678 | |
| 23 | | | | | 1784 | |

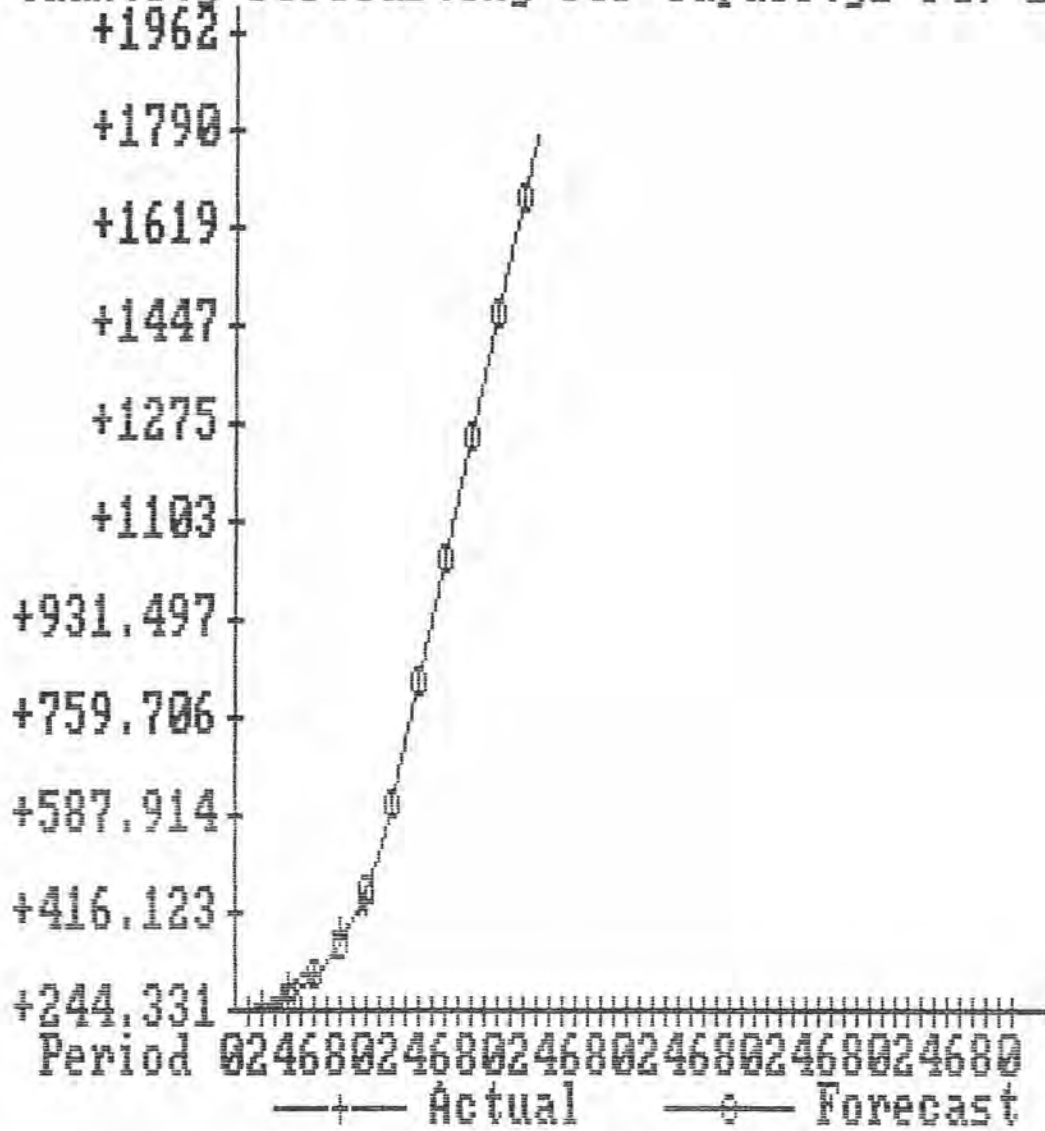
MAD = 13.3634 MSE = 230.044 Bias = -7.33612 a = 0.200 b = 0.100

Double exponential smoothing with linear trend for capacity Page: 1

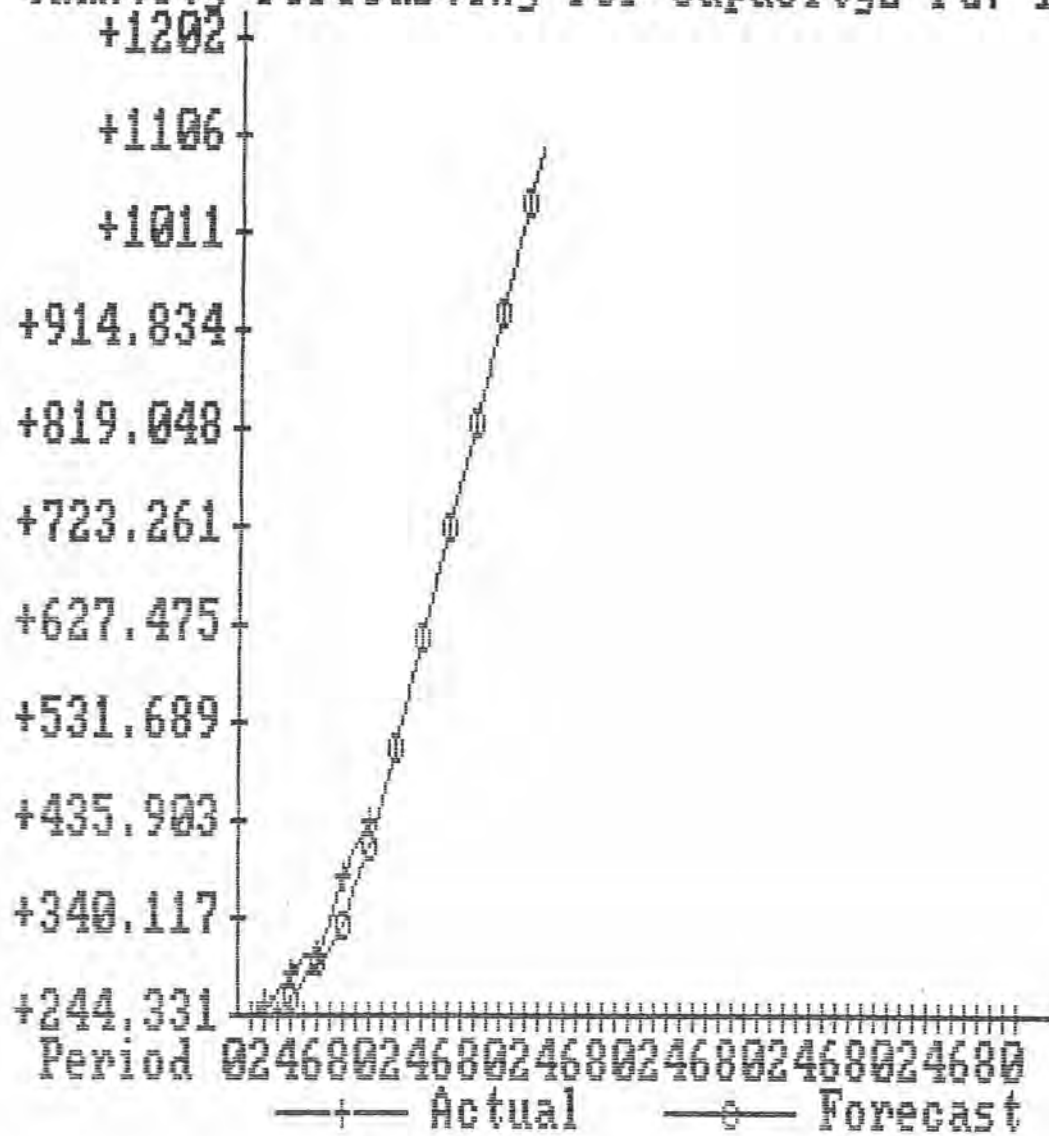
| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|---------|-----------|----------|----------|----------|
| 1 | 244.331 | 244.331 | 244.331 | 0 | 244.331 | -11.8970 |
| 2 | 256.228 | 246.710 | 244.807 | +1.90352 | 244.331 | -11.8970 |
| 3 | 267.307 | 250.830 | 246.011 | +4.81828 | 250.517 | -16.7896 |
| 4 | 287.294 | 258.123 | 248.434 | +9.6889 | 260.466 | -26.8277 |
| 5 | 305.846 | 267.667 | 252.280 | +15.3869 | 277.500 | -28.3456 |
| 6 | 305.846 | 275.303 | 256.885 | +18.4181 | 298.441 | -7.40497 |
| 7 | 332.978 | 286.838 | 262.876 | +23.9625 | 312.139 | -20.8388 |
| 8 | 379.527 | 305.376 | 271.376 | +34.0002 | 334.763 | -44.7640 |
| 9 | 409.853 | 326.271 | 282.355 | +43.9165 | 373.376 | -36.4767 |
| 10 | 438.880 | 348.793 | 295.642 | +53.1506 | 414.104 | -24.7756 |
| 11 | | | | | 455.094 | |
| 12 | | | | | 508.245 | |
| 13 | | | | | 561.396 | |
| 14 | | | | | 614.546 | |
| 15 | | | | | 667.697 | |
| 16 | | | | | 720.847 | |
| 17 | | | | | 773.998 | |
| 18 | | | | | 827.149 | |
| 19 | | | | | 880.299 | |
| 20 | | | | | 933.450 | |
| 21 | | | | | 986.601 | |
| 22 | | | | | 1040 | |
| 23 | | | | | 1093 | |

MAD = 24.2355 MSE = 709.323 Bias = -24.2355 a = 0.200 b = 0.200

Quantity Forecasting for capacity2 PG: 1



Quantity Forecasting for capacity2 PG: 1



Double exponential smoothing with linear trend for capacity Page: 1

| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | +1.26901 | +244.331 | -11.8971 |
| 3 | +267.307 | +250.830 | +246.011 | +3.21219 | +249.883 | -17.4241 |
| 4 | +287.294 | +258.123 | +248.434 | +6.45928 | +258.860 | -28.4338 |
| 5 | +305.846 | +267.667 | +252.280 | +10.2579 | +274.271 | -31.5752 |
| 6 | +305.846 | +275.303 | +256.885 | +12.2787 | +293.312 | -12.5340 |
| 7 | +332.978 | +286.838 | +262.876 | +15.9750 | +306.000 | -26.9781 |
| 8 | +379.527 | +305.376 | +271.376 | +22.6668 | +326.775 | -52.7515 |
| 9 | +409.853 | +326.271 | +282.355 | +29.2777 | +362.043 | -47.8102 |
| 10 | +438.880 | +348.793 | +295.642 | +35.4338 | +399.465 | -39.4145 |
| 11 | | | | | +437.377 | |
| 12 | | | | | +472.811 | |
| 13 | | | | | +508.245 | |
| 14 | | | | | +543.679 | |
| 15 | | | | | +579.112 | |
| 16 | | | | | +614.546 | |
| 17 | | | | | +649.980 | |
| 18 | | | | | +685.414 | |
| 19 | | | | | +720.848 | |
| 20 | | | | | +756.281 | |
| 21 | | | | | +791.715 | |
| 22 | | | | | +827.149 | |
| 23 | | | | | +862.583 | |

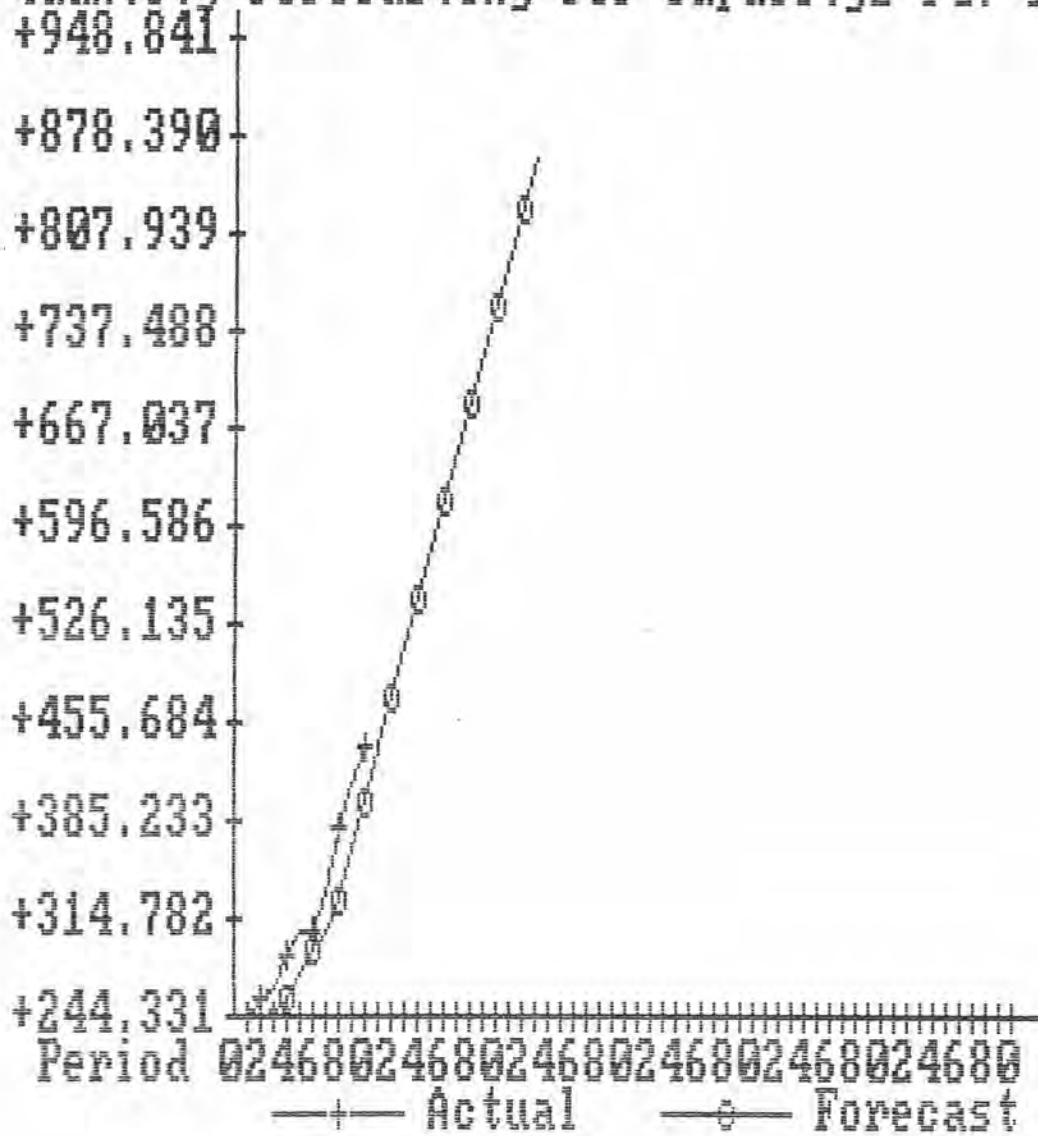
MAD = 29.8687 MSE = 1084 Bias = -29.8687 a = 0.200 b = 0.300

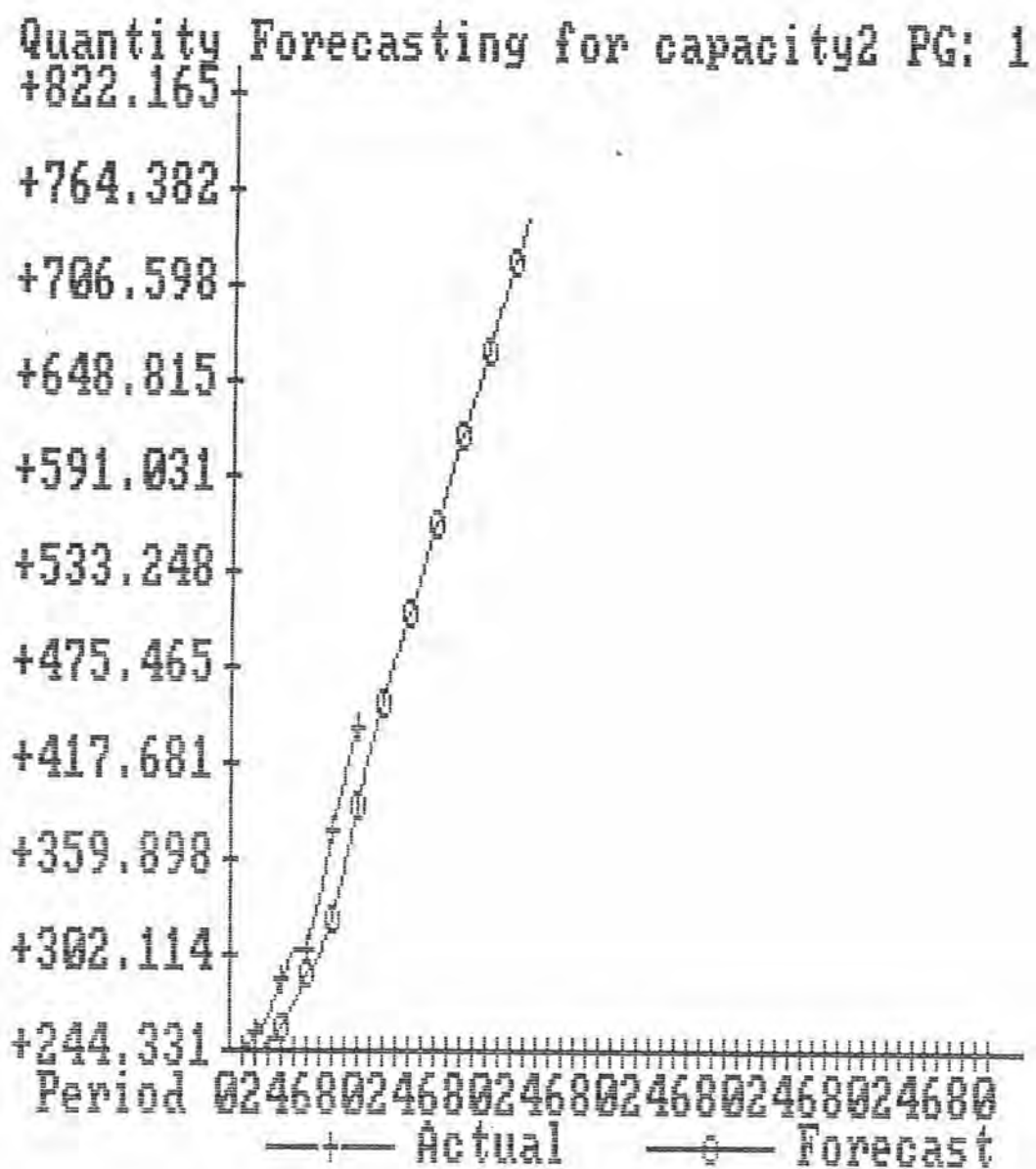
Double exponential smoothing with linear trend for capacity Page: 1

| period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | +0.951759 | +244.331 | -11.8970 |
| 3 | +267.307 | +250.830 | +246.011 | +2.40914 | +249.566 | -17.7413 |
| 4 | +287.294 | +258.123 | +248.434 | +4.84446 | +258.057 | -29.2368 |
| 5 | +305.846 | +267.667 | +252.280 | +7.69344 | +272.656 | -33.1900 |
| 6 | +305.846 | +275.303 | +256.885 | +9.2090 | +290.748 | -15.0984 |
| 7 | +332.978 | +286.838 | +262.876 | +11.9812 | +302.930 | -30.0479 |
| 8 | +379.527 | +305.376 | +271.376 | +17.0001 | +322.782 | -56.7453 |
| 9 | +409.853 | +326.271 | +282.355 | +21.9583 | +356.376 | -53.4768 |
| 10 | +438.880 | +348.793 | +295.642 | +26.5753 | +392.146 | -46.7339 |
| 11 | | | | | +428.519 | |
| 12 | | | | | +455.094 | |
| 13 | | | | | +481.670 | |
| 14 | | | | | +508.245 | |
| 15 | | | | | +534.820 | |
| 16 | | | | | +561.396 | |
| 17 | | | | | +587.971 | |
| 18 | | | | | +614.546 | |
| 19 | | | | | +641.122 | |
| 20 | | | | | +667.697 | |
| 21 | | | | | +694.272 | |
| 22 | | | | | +720.848 | |
| 23 | | | | | +747.423 | |

MAD = 32.6853 MSE = 1312 Bias = -32.6853 a = 0.200 b = 0.400

Quantity Forecasting for capacity2 PG: 1





Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | +0.761407 | +244.331 | -11.8970 |
| 3 | +267.307 | +250.830 | +246.011 | +1.92731 | +249.375 | -17.9317 |
| 4 | +287.294 | +258.123 | +248.434 | +3.87557 | +257.575 | -29.7187 |
| 5 | +305.846 | +267.667 | +252.280 | +6.15475 | +271.687 | -34.1589 |
| 6 | +305.846 | +275.303 | +256.885 | +7.36724 | +289.209 | -16.6371 |
| 7 | +332.978 | +286.838 | +262.876 | +9.5850 | +301.088 | -31.8896 |
| 8 | +379.527 | +305.376 | +271.376 | +13.6001 | +320.386 | -59.1415 |
| 9 | +409.853 | +326.271 | +282.355 | +17.5666 | +352.976 | -56.8768 |
| 10 | +438.880 | +348.793 | +295.642 | +21.2603 | +387.754 | -51.1255 |
| 11 | | | | | +423.204 | |
| 12 | | | | | +444.464 | |
| 13 | | | | | +465.725 | |
| 14 | | | | | +486.985 | |
| 15 | | | | | +508.245 | |
| 16 | | | | | +529.505 | |
| 17 | | | | | +550.766 | |
| 18 | | | | | +572.026 | |
| 19 | | | | | +593.286 | |
| 20 | | | | | +614.546 | |
| 21 | | | | | +635.807 | |
| 22 | | | | | +657.067 | |
| 23 | | | | | +678.327 | |

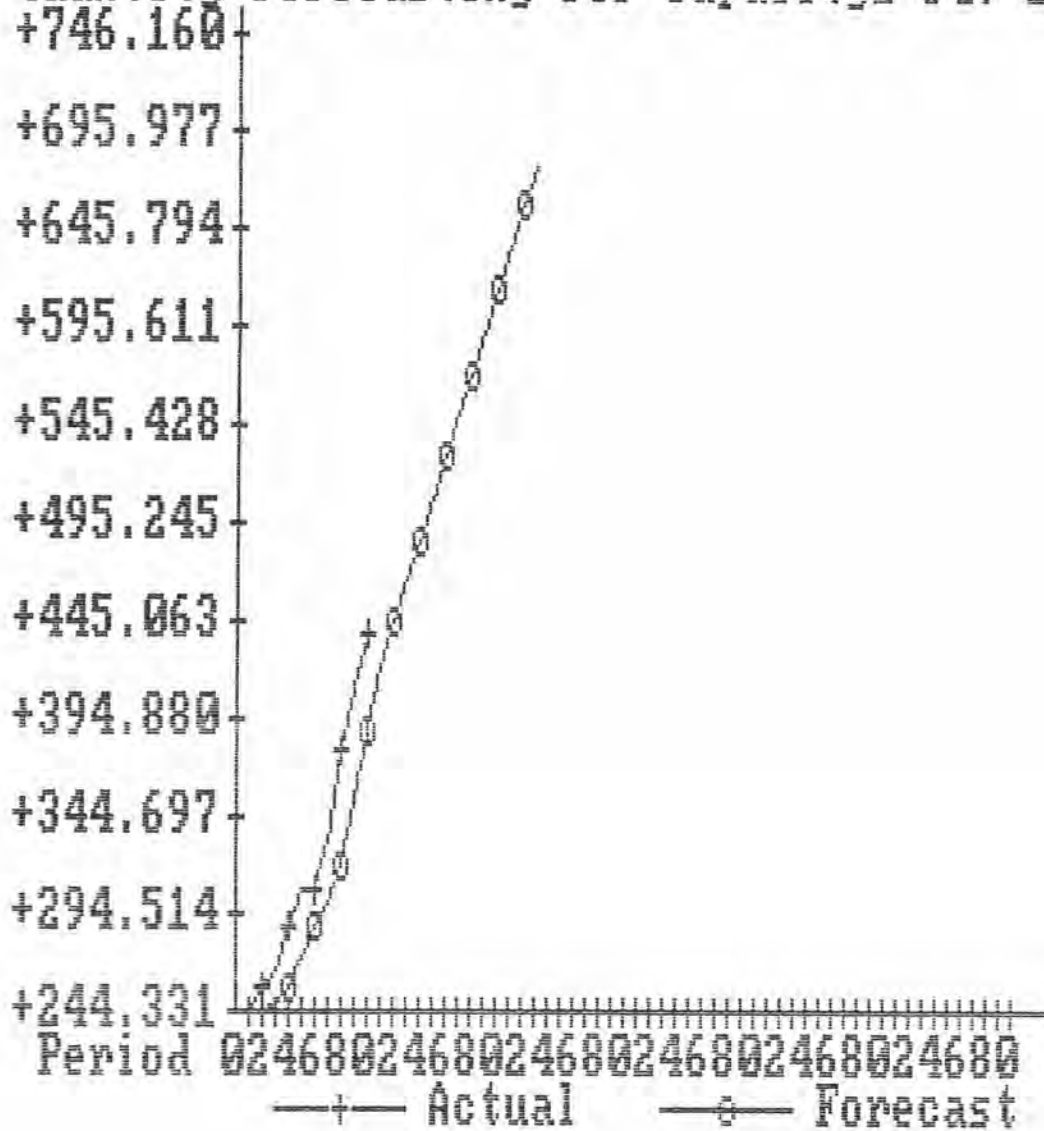
MAD = 34.3752 MSE = 1461 Bias = -34.3752 a = 0.200 b = 0.500

Double exponential smoothing with linear trend for capacity Page: 1

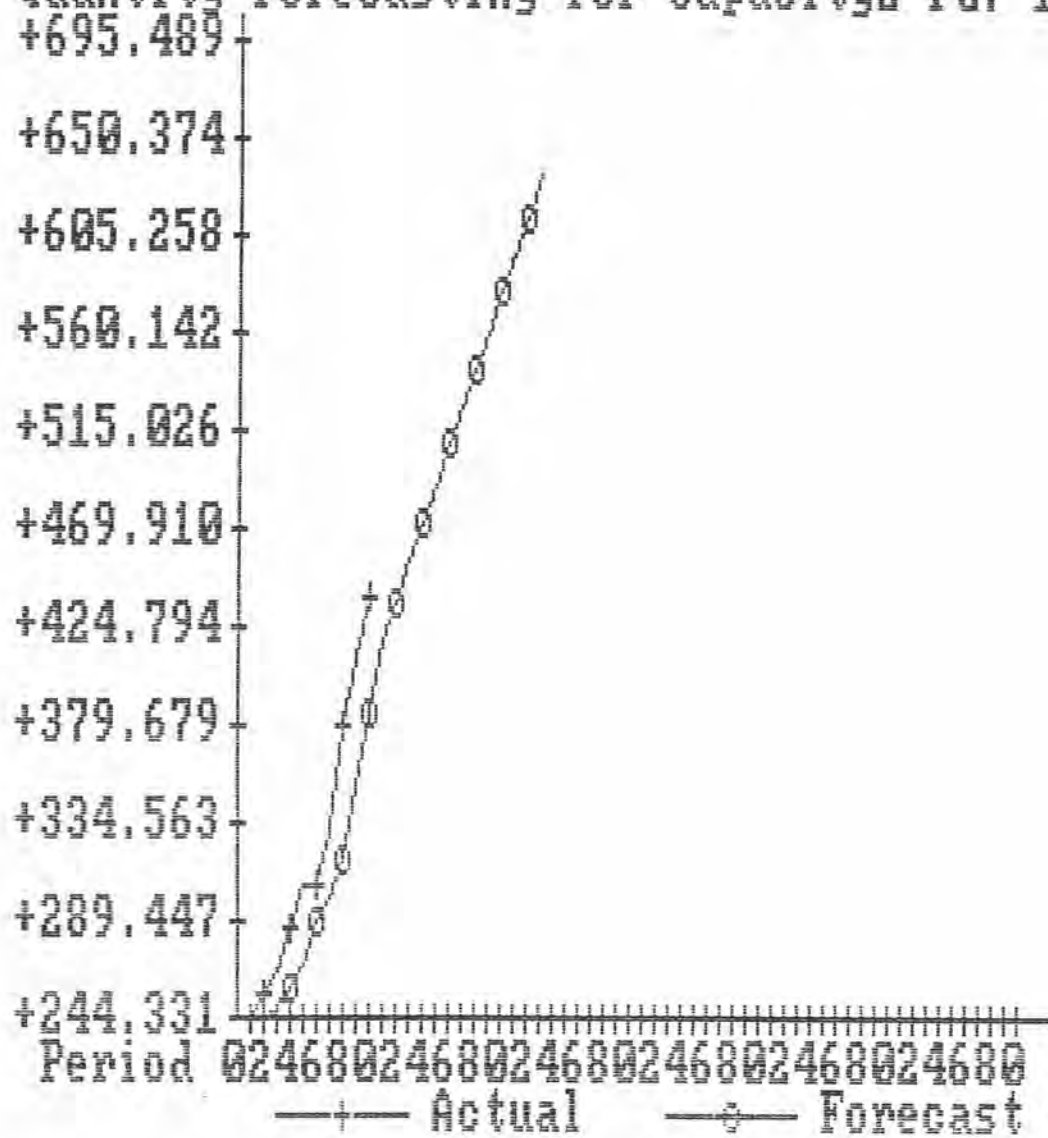
| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | +0.634506 | +244.331 | -11.8970 |
| 3 | +267.307 | +250.830 | +246.011 | +1.60609 | +249.248 | -18.0586 |
| 4 | +287.294 | +258.123 | +248.434 | +3.22964 | +257.254 | -30.0399 |
| 5 | +305.846 | +267.667 | +252.280 | +5.12896 | +271.041 | -34.8048 |
| 6 | +305.846 | +275.303 | +256.885 | +6.13936 | +288.183 | -17.6629 |
| 7 | +332.978 | +286.838 | +262.876 | +7.98749 | +299.860 | -33.1175 |
| 8 | +379.527 | +305.376 | +271.376 | +11.3334 | +318.788 | -60.7390 |
| 9 | +409.853 | +326.271 | +282.355 | +14.6388 | +350.709 | -59.1435 |
| 10 | +438.880 | +348.793 | +295.642 | +17.7169 | +384.827 | -54.0533 |
| 11 | | | | | +419.661 | |
| 12 | | | | | +437.377 | |
| 13 | | | | | +455.094 | |
| 14 | | | | | +472.811 | |
| 15 | | | | | +490.528 | |
| 16 | | | | | +508.245 | |
| 17 | | | | | +525.962 | |
| 18 | | | | | +543.679 | |
| 19 | | | | | +561.396 | |
| 20 | | | | | +579.112 | |
| 21 | | | | | +596.829 | |
| 22 | | | | | +614.546 | |
| 23 | | | | | +632.263 | |

MAD = 35.5018 MSE = 1567 Bias = -35.5018 a = 0.200 b = 0.600

Quantity Forecasting for capacity2 PG: 1



Quantity Forecasting for capacity2 PG: 1



Double exponential smoothing with linear trend for capacity Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | + .543863 | +244.331 | -11.8969 |
| 3 | +267.307 | +250.830 | +246.011 | +1.37665 | +249.158 | -18.1492 |
| 4 | +287.294 | +258.123 | +248.434 | +2.76826 | +257.025 | -30.2693 |
| 5 | +305.846 | +267.667 | +252.280 | +4.39625 | +270.580 | -35.2662 |
| 6 | +305.846 | +275.303 | +256.885 | +5.26231 | +287.450 | -18.3956 |
| 7 | +332.978 | +286.838 | +262.876 | +6.84642 | +298.983 | -33.9945 |
| 8 | +379.527 | +305.376 | +271.376 | +9.7143 | +317.647 | -61.8801 |
| 9 | +409.853 | +326.271 | +282.355 | +12.5476 | +349.090 | -60.7625 |
| 10 | +438.880 | +348.793 | +295.642 | +15.1859 | +382.735 | -56.1446 |
| 11 | | | | | +417.130 | |
| 12 | | | | | +432.316 | |
| 13 | | | | | +447.501 | |
| 14 | | | | | +462.687 | |
| 15 | | | | | +477.873 | |
| 16 | | | | | +493.059 | |
| 17 | | | | | +508.245 | |
| 18 | | | | | +523.431 | |
| 19 | | | | | +538.617 | |
| 20 | | | | | +553.803 | |
| 21 | | | | | +568.989 | |
| 22 | | | | | +584.175 | |
| 23 | | | | | +599.360 | |

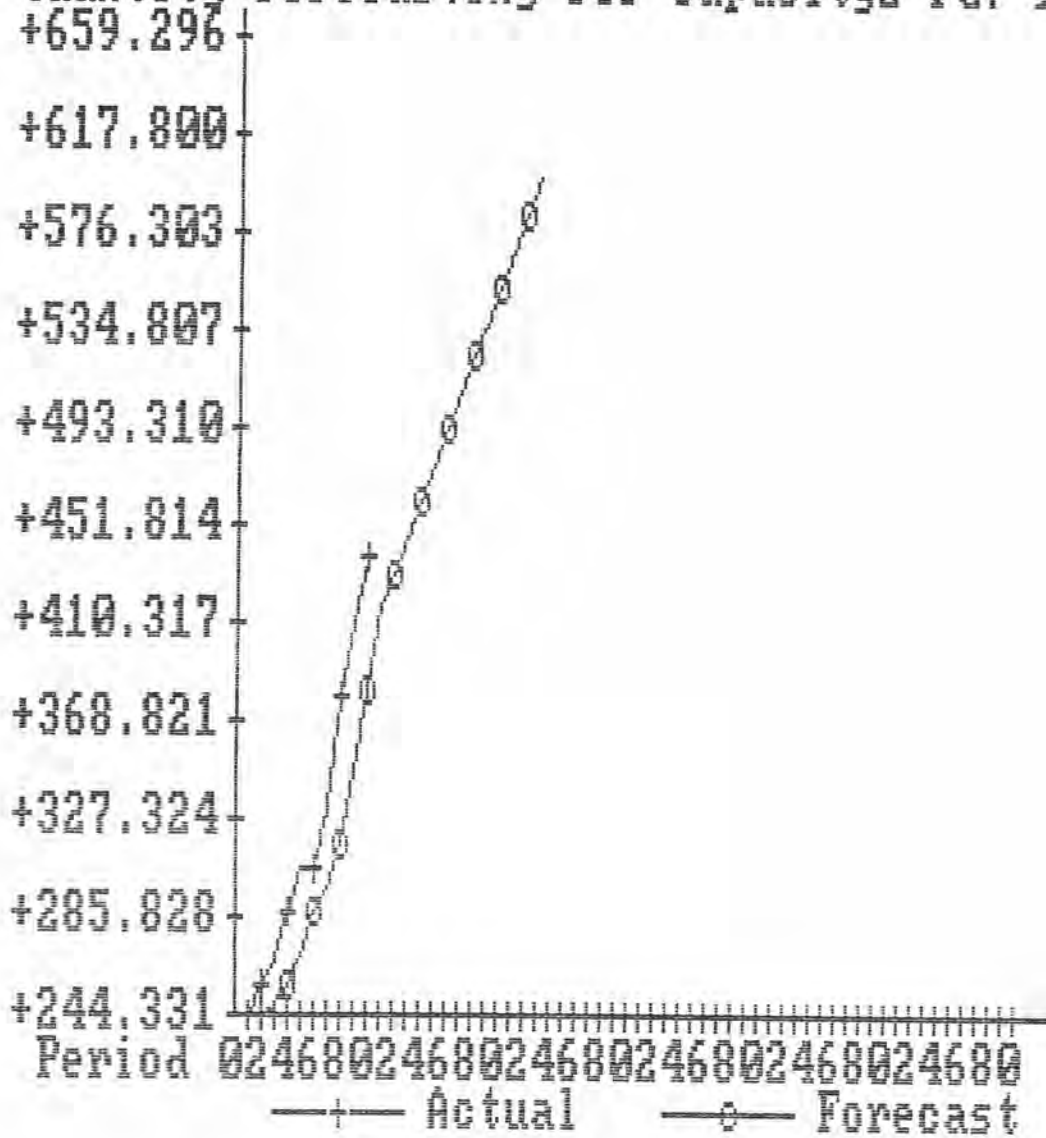
MAD = 36.3065 MSE = 1644 Bias = -36.3065 a = 0.200 b = 0.700

Double exponential smoothing with linear trend for capacity Page: 1

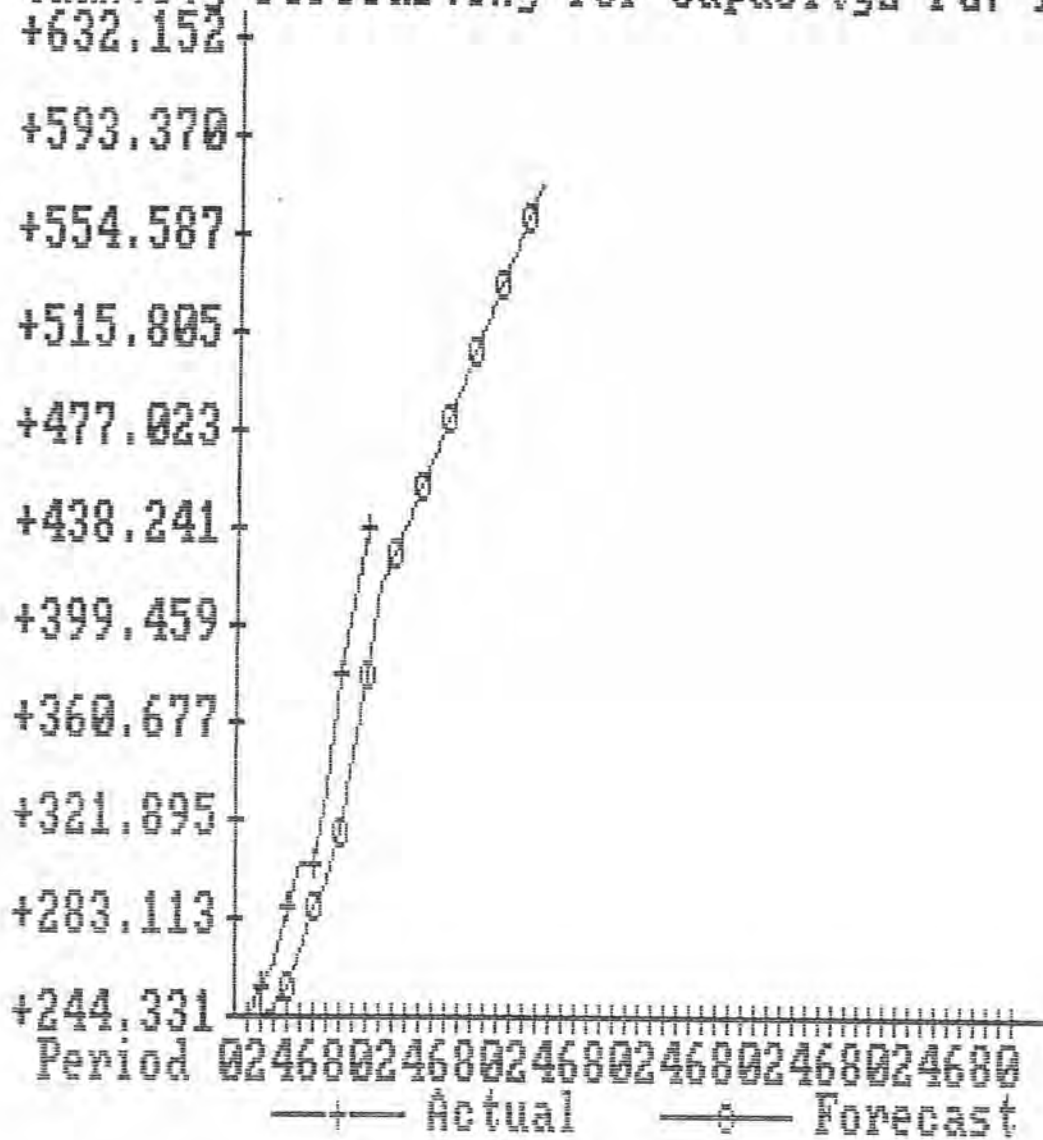
| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|----------|-----------|-----------|----------|----------|
| 1 | +244.331 | +244.331 | +244.331 | 0 | | |
| 2 | +256.228 | +246.710 | +244.807 | + .475880 | +244.331 | -11.8970 |
| 3 | +267.307 | +250.830 | +246.011 | +1.20457 | +249.090 | -18.2172 |
| 4 | +287.294 | +258.123 | +248.434 | +2.42223 | +256.853 | -30.4414 |
| 5 | +305.846 | +267.667 | +252.280 | +3.84672 | +270.234 | -35.6122 |
| 6 | +305.846 | +275.303 | +256.885 | +4.60452 | +286.901 | -18.9451 |
| 7 | +332.978 | +286.838 | +262.876 | +5.99062 | +298.326 | -34.6524 |
| 8 | +379.527 | +305.376 | +271.376 | +8.50005 | +316.791 | -62.7359 |
| 9 | +409.853 | +326.271 | +282.355 | +10.9791 | +347.876 | -61.9768 |
| 10 | +438.880 | +348.793 | +295.642 | +13.2877 | +381.167 | -57.7130 |
| 11 | | | | | +415.231 | |
| 12 | | | | | +428.519 | |
| 13 | | | | | +441.807 | |
| 14 | | | | | +455.094 | |
| 15 | | | | | +468.382 | |
| 16 | | | | | +481.670 | |
| 17 | | | | | +494.957 | |
| 18 | | | | | +508.245 | |
| 19 | | | | | +521.533 | |
| 20 | | | | | +534.820 | |
| 21 | | | | | +548.108 | |
| 22 | | | | | +561.396 | |
| 23 | | | | | +574.683 | |

MAD = 36.9101 MSE = 1704 Bias = -36.9101 a = 0.200 b = 0.800

Quantity Forecasting for capacity2 PG: 1



Quantity Forecasting for capacity2 PG: 1



- แสดงการพยากรณ์ราคาสารส้มต่อตันของการประปาส่วนภูมิภาคชื่อจาก
บริษัท สารส้มนนทบุรี จำกัด โดยใช้วิธี Linear regression

Linear regression for price2 Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|-------|-----------|------|----------|----------|
| 1 | +3880 | | | | | |
| 2 | +4050 | +3710 | +170.000 | | | |
| 3 | +4770 | +3343 | +445.000 | | +4220 | -550.000 |
| 4 | +5130 | +3340 | +447.000 | | +5123 | -6.66406 |
| 5 | +5130 | +3518 | +358.000 | | +5575 | +445.000 |
| 6 | +5130 | +3697 | +281.429 | | +5666 | +536.000 |
| 7 | +4901 | +3916 | +199.350 | | +5667 | +766.064 |
| 8 | +4895 | +4069 | +148.092 | | +5510 | +615.094 |
| 9 | | | | | +5402 | |
| 10 | | | | | +5550 | |
| 11 | | | | | +5698 | |
| 12 | | | | | +5846 | |
| 13 | | | | | +5995 | |
| 14 | | | | | +6143 | |
| 15 | | | | | +6291 | |
| 16 | | | | | +6439 | |
| 17 | | | | | +6587 | |
| 18 | | | | | +6735 | |
| 19 | | | | | +6883 | |
| 20 | | | | | +7031 | |

MAD = 486.470 MSE = 292177 Bias = 300.916 A = 4069 B = 148.092

- แสดงการพยากรณ์ราคาสารส้มต่อตันของการประปานครหลวงซึ่งจาก
บริษัท สารส้มนนทบุรี จำกัด โดยใช้วิธี Linear regression

Linear regression for price

Page: 1

| Period | Act. Demand | F(t) | T(t)/W(t) | I(t) | Forecast | Error |
|--------|-------------|------|-----------|------|----------|----------|
| 1 | 2820 | | | | | |
| 2 | 2780 | 2860 | -40.0000 | | | |
| 3 | 2900 | 2753 | 40.0000 | | 2740 | -160.000 |
| 4 | 3050 | 2685 | 81.0000 | | 2913 | -136.666 |
| 5 | 3050 | 2701 | 73.0000 | | 3090 | +40.0000 |
| 6 | 3230 | 2671 | 86.0000 | | 3139 | -91.0000 |
| 7 | 3200 | 2691 | 78.2144 | | 3273 | +72.6680 |
| 8 | 3440 | 2661 | 88.4526 | | 3317 | -122.855 |
| 9 | 3440 | 2664 | 87.3335 | | 3457 | +16.7852 |
| 10 | 3440 | 2684 | 82.0000 | | 3538 | +97.7754 |
| 11 | 3440 | 2711 | 75.3635 | | 3586 | +146.000 |
| 12 | | | | | 3615 | |
| 13 | | | | | 3690 | |
| 14 | | | | | 3766 | |
| 15 | | | | | 3841 | |
| 16 | | | | | 3916 | |
| 17 | | | | | 3992 | |
| 18 | | | | | 4067 | |
| 19 | | | | | 4142 | |
| 20 | | | | | 4218 | |
| 21 | | | | | 4293 | |
| 22 | | | | | 4369 | |
| 23 | | | | | 4444 | |

MAD = 98.1944 MSE = 11743 Bias = -15.2548 A = 2711 B = 75.3635



ประวัติผู้เขียน

นางสาวรักน้อย อัครรุ่งเรืองกุล เกิดวันที่ 29 พฤศจิกายน พ.ศ. 2512 สำเร็จการศึกษา
คณะวิศวกรรมศาสตรบัณฑิต ภาควิชาวิศวกรรมอุตสาหการ คณะวิศวกรรมศาสตร์
มหาวิทยาลัยขอนแก่น ในปีการศึกษา 2534 เข้าศึกษาในหลักสูตรวิศวกรรมศาสตรมหาบัณฑิต
ที่จุฬาลงกรณ์มหาวิทยาลัย เมื่อ พ.ศ. 2536