

MID 1

17F 8333

11/16/2021

```
#  
# for (i in 1:48) {  
#   pth=paste('C:/Users/HP/Downloads/E10/pdf (', ' ').pdf', sep=as.character(i))  
#   print(pth)  
#   pdf_convert(  
#     pth,  
#     format = "png",  
#     pages = 2,  
#     filenames = NULL,  
#     dpi = 72,  
#     antialias = TRUE,  
#     opw = "",  
#     upw = "",  
#     verbose = TRUE  
#   )  
#  
# }  
  
#for (i in 1:48) {  
#  #pth=paste('pdf (', ' )_2.png', sep=as.character(i))  
  
raw_img=image_read('pdf (1)_2.png')  
  
image_ggplot(raw_img)
```


COTI GAS REGULATORY AUTHORITY			
E-14 Gasoline (60) depot sale price calculation			
With effect from December 01, 2019			
	Bulgarian		
A 2006/2010 Average for the period of supply		72.85	
B National Technical Adjustment by TSO		72.85	
C Price and taxes differential by TSO		7.23	
D 60 Gasoline (60) depot sale price (B+C)	72.85	65.62	
E 60 Gasoline (60) depot sale price		65.62	
Price for Depot Sale Price			
	606.45	E-14 Gasoline	
		Base	Price
F 2019 market share by 60 Gasoline Price	72.85	65.62	13.23
G 2019	2.37	6.83	6.46
H Fuel cost (F+G)	75.22	72.45	72.69
I Price Differential (A-H)	72.85	72.45	72.69
J Fuel cost (H+I)	147.47	144.90	145.38
K 2019 - 2018	2.37	6.83	6.46
L 2019 - 2018	12.49	13.74	13.41
M Fuel cost (J+K+L)	162.33	165.47	165.25
N 2019 - 2018	14.55	15.23	14.71
O 2019 - 2018	14.55	15.23	14.71
P 2019 - 2018	14.55	15.23	14.71
Difference between 2019 and 2018 (P+Q+R)			
	42.51	E-14 Gasoline by Stage	
		Base	Price

```
fuzz_fun <- function(fuzz){
  raw_img %>%
    image_quantize(colors = "gray") %>%
    image_transparent(color = "white", fuzz=fuzz) %>%
    image_background("white") %>%
    image_crop(geometry_area(350, 0, 350, 10))
}

fuzz_fun(20)
```

AUTHORITY

Price Calculation

for 01, 2019

	Rs/Liter	
	72.55	
	72.00	
	7.20	
72.55	65.30	
	72.50	
MOGAS	E-10 Gasoline	
Retail	Retail	Direct
72.55	72.50	72.50
3.37	0.54	0.54
75.92	73.04	73.04
75.92	73.04	73.04
2.81	2.81	2.81
3.70	3.70	
15.00	15.74	19.44
97.43	95.29	95.29
16.56	16.20	16.20
113.99	111.49	111.49
(2.50)	-	
by %age	2.19%	

```
combo_fuzz <- c(  
  fuzz_fun(100),  
  fuzz_fun(100),  
  fuzz_fun(100),  
  fuzz_fun(100)  
) %>%  
  image_append(stack = TRUE)  
image_ggplot(combo_fuzz)
```

```
no_grid <- raw_img %>%  
  image_quantize(colorspace = "gray") %>%  
  image_transparent(color = "white", fuzz=20) %>%  
  image_background("white")  
  
image_ggplot(no_grid)
```



```
no_grid %>%
  image_negate() %>% # negate
  image_morphology(method = "Thinning", kernel = "Rectangle:20x1") %>%
  image_negate() %>% # back to white
  image_ggplot()
```

[illegible]

```
no_grid %>%
  image_crop(geometry_area(350, 0, 350, 10)) %>%
  image_ggplot()
```



```

image_threshold() %>%
image_crop(geometry_area(300, 0,400, 10)) %>%
ocr(engine = num_only)

raw_tibble <- raw_text %>%
  str_split(pattern = "\n") %>%
  unlist() %>%
  tibble(data = .)

raw_tibble$data=gsub(' ','',as.character(raw_tibble$data))
raw_tibble$data=gsub('- ','',as.character(raw_tibble$data))
col1=raw_tibble[1:7,]
raw_tibble=raw_tibble[-(1:9),]
raw_tibble=raw_tibble[-(11:13),]
col1=col1[-(1:2),]

col1=sub('.*? ','',col1$data)
col1=data.frame(col1)
col1$col1

## [1] "65.30"          "7250"            "10"              "75872807250"    "5 088"

check=separate(raw_tibble,data ,into = c('retail1','retail2','direct'),sep =
'\ \" ,extra = 'merge')

## Warning: Expected 3 pieces. Missing pieces filled with `NA` in 6 rows [2,
3, 6,
## 7, 8, 9].

col1=col1 %>% add_row(col1=check$retail2)
col1

##           col1
## 1           65.30
## 2           7250
## 3             10
## 4 75872807250
## 5           5 088
## 6           201
## 7           370
## 8      15781944
## 9           98.29
## 10          16.20
## 11 1114911149
## 12          <NA>
## 13          <NA>
## 14          <NA>

#}

```

R Markdown