

Regione Puglia

COMUNE DI MESAGNE - COMUNE DI TORRE SANTA SUSANNA

PROVINCIA DI BRINDISI

**PROGETTO PER LA REALIZZAZIONE DI IMPIANTO PER LA
PRODUZIONE DI ENERGIA ELETTRICA DA FONTI RINNOVABILI,
NONCHE' OPERE CONNESSE ED INFRASTRUTTURE, DI POTENZA
PREVISTA IMMESSA IN RETE PARI A 49,60 MW
ALIMENTATO DA FONTE EOLICA DENOMINATO "APPIA ENERGIA"**

OPERE DI CONNESSIONE E INFRASTRUTTURE PER IL COLLEGAMENTO ALLA RTN:
Comuni di Erchie (Br)-San Pancrazio Salentino (Br)

PROGETTO DEFINITIVO PARCO EOLICO "APPIA ENERGIA"

Codice Impianto: TB9U001

Tavola :

Titolo :

RELAZIONE GENERALE SUI RILIEVI

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Progettista:

ENERSAT s.r.l.s.

Via Aosta n.30 - cap 72023 TORINO (TO)
P.IVA 12400840018 - REA TO-1287260 - enersat@pec.it
Responsabile progettazione: Ing. Santo Masilla



Committente:

PARCO EOLICO BANZI s.r.l.

Via Ostiense 131/L - Corpo C1 - Cap 00154 ROMA
P.IVA 10240591007 - REA RM1219825 - peolicobanzi@legalmail.it

SOCIETA' DEL GRUPPO



Indagine Specialistiche :

Geom. Michele De Angelis

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Ditta proponente: **PARCO EOLICO BANZI s.r.l.** Via Ostiense 131/L - Corpo C1 - Cap 00154 ROMA

Codice pratica: TB9U001

RELAZIONE GNERALE SIU RILIEVI TOPOGRAFICI E AEROFOTOGRAMMETRICI

1 PREMESSA

La presente relazione descrive le attività di rilievo topografico e aerofotogrammetrico eseguite per conto della PARCO EOLICO BANZI S.R.L. e finalizzate alla progettazione dell'impianto eolico indicato in oggetto.

2 DESCRIZIONE

L'area interessata si estende a sud della città di Mesagne fino ai pressi della città di Torre Santa Susanna, in provincia di Brindisi. Il cavidotto prosegue verso sud fino alla stazione TERNA di Erchie.

Le coordinate assegnate agli aerogeneratori sono le seguenti:

Dati geografici e catastali degli aerogeneratori - WGS 84-33N						
N.	WTG	Est (X)	Nord(Y)	Comune	Foglio	P.Ila
1	MES01	734243	4491515	Mesagne	62	180
2	MES02	733232	4491424	Mesagne	61	43-44
3	MES03	735065	4490778	Mesagne	86	2
4	MES04	734370	4489539	Torre S.S.	9	7
5	MES05	735922	4485665	Mesagne	123	109
6	MES06	736612	4489181	Mesagne	88	59
7	MES07	735809	4487119	Mesagne	112	78
8	MES08	736507	4487856	Mesagne	105	256

3. RILIEVO TOPOGRAFICO CON GPS

Il rilievo è stato eseguito in data 31/10/2021 e 06/11/2021 con l'impiego di un ricevitore GPS costituito da una "Rover" Marca **Topcon Model Hyper Pro**, ricevitore mobile GNSS RTK integrato GPS/GLONASS, le cui caratteristiche sono riportate nella seguente scheda tecnica:

Description	40 channel integrated GPS receiver/antenna with MINTER interface.
Tracking Specifications	standard: 40 L1 GPS (20 GPS L1+L2 on Cinderella* days) optional: 20 GPS L1+L2 (GD), GPS L1+GLONASS (GG), 20 GPS L1+L2+GLONASS (GGD)
Tracking Channels	
Signals Tracked	L1/L2 C/A and P Code & Carrier and GLONASS
Performance Specifications	
Static, Rapid Static	Horizontal: 3mm+ 0.5ppm (x baseline length) Vertical: 5mm+ 0.5ppm (x baseline length)
RTK	Horizontal: 10mm+ 1.0ppm Vertical: 15mm+ 1.0ppm
Power Specifications	
Battery	Internal Lithium-Ion batteries plus 1 external power port
Operating Time	14+ hours (10 hrs TX)
External power input	6 to 28 volts DC
Power consumption	Less than 4.2 watts
Environmental Specifications	
Enclosure	Aluminum extrusion, waterproof
Operating Temperature	-30°C to 60°C / -22°F to 140°F
Dimensions	W: 159 x H: 172 x D: 88 mm (6.25" x 6.75" x 3.5")
Weight	1.65 kg / 3.64 lbs
GPS Antenna Specifications	
GPS Antenna	Integrated
Antenna Type	Center-mount UHF antenna
Ground Plane	Antenna on a flat ground plane
Radio Specifications	
Radio Type	Internal Tx/Rx UHF (Selectable frequency range)
Power Output	1.0W/0.25W (selectable)
CDPD & GSM Modem	Optional Accessory
Wireless Communication	
Communication	Bluetooth® version 1.1 comp.**†
I/O	
Communication Ports	2x serial (RS232)
Other I/O Signals	1pps, Event Marker
Status Indicator	4x3-color LEDs (Green, Red, Yellow), two-function keys (MINTER)
Control & Display Unit	External field controller
Memory & Recording	
Raw Data Recording	1Hz (Up to 20 times per second (20Hz) by option)
Data Type	Code and Carrier from L1 and L2, GPS and GLONASS
Data Input/Output	
Real time data outputs	RTCM SC104 version 2.1, 2.2, 2.3, CMR, CMR+
Other outputs	NMEA 0183 version 2.2
Output rate	TPS format Up to 20 times per second (20Hz)

Il rilievo a terra con il GPS è stato condotto in tutta l'area di impianto e su tutto il cavidotto, il rilievo planoaltimetrico ha evidenziato la presenza di:

- Linee elettriche;
- Linee telefoniche;
- Reti idriche interrato;
- Fabbricati e costruzioni in genere;
- Pozzi e/o pozzetti;
- Ponticelli stradali;

il rilievo ha evidenziato quindi le possibili interferenze distinte da interferenza per la realizzazione del cavidotto ed interferenza per le strade di accesso ed esercizio.

Dal rilievo, oltre alle indicazioni di cui sopra, è possibile ottenere anche le quote di tutti i punti rilevati.

È stato inoltre generato il profilo altimetrico di tutto il cavidotto, dalle aree di impianto fino alla stazione di consegna, compreso le possibili interferenza di cui si fornisce la posizione e la relativa quota.

4. RILIEVO AEROFOTOGRAMMETRICO CON A.P.R.

Il rilievo è stato eseguito in data 18/09/2021 con l'impiego di un A.P.R. (DRONE) **Phantom 4 RTK + base** dotato di sistema GNSS RTK multi-frequenza, multi-sistema ad alta precisione GPS + GLONASS + Galileo



le cui caratteristiche sono riportate nella seguente scheda tecnica:

GNSS Receiver	GNSS Frequency	Simultaneously receive: GPS: L1, L2, L5; BeiDou: B1, B2, B3 GLONASS: F1, F2; Galileo: E1, E5A, E5B
	Positioning Accuracy	Single Point Horizontal: 1.5 m (RMS) Vertical: 3.0 m (RMS) RTK Horizontal: 1 cm + 1 ppm (RMS) Vertical: 2 cm + 1 ppm (RMS) 1 ppm: For every 1 km increase in distance, the accuracy will be 1 mm less. For example, the horizontal accuracy is 1.1 cm when the receiving end is 1 km away from the base station.
	Positioning Update Rate	1 Hz, 2 Hz, 5 Hz, 10 Hz and 20 Hz
	Cold Start	< 45 s
	Hot Start	< 10 s
	Recapture Time	< 1 s
	Initialization Reliability	> 99.9%
	Differential Data Format	RTCM 2.x/3.x

Il sistema utilizzato permette di eseguire rilievi aerofotogrammetrici senza la necessità di utilizzare punti di controllo a terra (G.P.C.), nonostante ciò sono stati comunque rilevati diversi punti di controllo a terra al solo fine di verificare ulteriormente la precisione del rilievo, questi sono allegati in coda alla presente relazione.

Sono stati condotti voli ad un'altezza da terra pari a 80 ml. i quali hanno permesso di avere la seguente risoluzione e precisione di rilievo:

PRECISIONE:

G.S.D. – 2.20 cm/pixel;

Sovrapposizione orizzontale 70%

Sovrapposizione verticale 80%

Il rilievo è stato esteso a circa 180 ml. a destra e sinistra rispetto all'asse di progetto (centro strade, cavidotto, piazzole ecc), l'indagine è stata condotta nell'area interessata dalla costruzione di tutti gli aerogeneratori, degli svincoli stradali, delle aree di manovra e aree di servizio.

La curve di livello non sono state generate in automatico ma sono state determinate attraverso un ulteriore passaggio in software topografico (Meridiana) utilizzando i soli punti a terra, pertanto non prendono in considerazione la vegetazione o le costruzioni presenti.

È stato scelto di restituire curve di livello ogni 50 cm e curve fondamentali ogni 2 metri in quanto il terreno è caratterizzato da una forte planarità, pertanto curve di livello con una equidistanza maggiore avrebbe dato risultati visivamente poco apprezzabili.

In ogni zona rilevata e in cui sono state restituite le curve di livello, sono stati generati anche i profili del terreno secondo gli assi di progetto (strade, piazzole ecc).

Vengono restituite anche le ortofoto georeferenziate con una risoluzione di 2.84 cm/pixel, sovrapposte al layout di progetto.

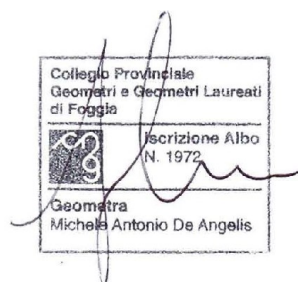
5. RETE DI INQUADRAMENTO

L'attività topografica è stata svolta con l'impiego dell'attrezzatura topografica di cui sopra e mediante appoggio alla rete GNSS (Global Navigation Satellite System) Regione Puglia, inquadrata nel sistema di riferimento geodetico Nazionale secondo le disposizioni del D.P.C.M. 10/11/2011 (ETRF 2000). Le quote sono state inoltre riferite anche al GEOIDE EGM 96.

La scelta di riferire le quote al Geoide nasce dalla necessità di assicurare conformità con la cartografia tecnica regionale.

Si allega alla presente la tabella dei dati di registrazione GPS rilevati a terra mediante l'utilizzo della tecnologia GPS in modalità Real Time, relativa ai G.P.C. utilizzati per ulteriore controllo del rilievo aerofotogrammetrico.

il tecnico



NOME	LATID. MIS	LONG MIS.	ELEVAZ.	ANT.	QUALITA'	COORD. GEOC.X	COORD. GEOC.Y	COORD. GEOC.Z	COORD. NORD	COORD. EST	QUOTA	SQM ORIZ	SQM VERT	PDOP	GDOP	DATA	SECONDI GIORNI	N.GPS	N.GLO
"100"	40°32'14.46753"N	17°45'20.01300"E	132.183	1.802	PD Fixed	4623013.606	1480332.850	4123597.724	4491049.760	733373.737	88.030	0.012	0.019	1.551	1.883	18-09-2021	40996000	9	6
"101"	40°32'24.68535"N	17°45'13.17995"E	132.465	1.802	PD Fixed	4622867.746	1480117.299	4123837.436	4491359.841	733203.116	88.300	0.011	0.019	1.454	1.773	18-09-2021	41540000	9	6
"102"	40°32'11.71976"N	17°45'50.64075"E	128.841	1.802	PD Fixed	4622843.788	1481035.326	4123531.136	4490987.599	734097.019	84.724	0.011	0.018	1.481	1.754	18-09-2021	44915000	10	5
"103"	40°32'26.35143"N	17°45'55.88056"E	127.304	1.802	PD Fixed	4622525.690	1481062.898	4123873.137	4491442.696	734206.138	83.188	0.012	0.020	1.528	1.812	18-09-2021	45468000	10	5
"104"	40°32'04.33657"N	17°46'23.12508"E	126.016	1.802	PD Fixed	4622749.391	1481807.879	4123356.213	4490783.930	734868.500	81.939	0.015	0.026	1.987	2.386	18-09-2021	47609000	8	6
"105"	40°32'03.08848"N	17°46'32.90785"E	125.596	1.802	PD Fixed	4622702.629	1482034.667	4123326.681	4490752.690	735099.896	81.531	0.011	0.019	1.569	1.871	18-09-2021	50517000	9	7
"106"	40°31'17.96193"N	17°47'28.19442"E	128.709	1.802	PD Fixed	4623168.759	1483550.773	4122270.666	4489402.128	736444.856	84.724	0.011	0.020	1.591	1.919	18-09-2021	52821000	8	8
"107"	40°31'10.80307"N	17°47'34.47621"E	128.402	1.802	PD Fixed	4623259.966	1483735.342	4122102.602	4489186.039	736599.690	84.428	0.012	0.019	1.574	1.879	18-09-2021	53547000	8	7
"108"	40°31'48.70349"N	17°46'57.98419"E	124.969	1.802	PD Fixed	4622796.552	1482684.578	4122989.024	4490327.684	735703.945	80.938	0.015	0.023	1.795	2.150	19-09-2021	22501000	8	0
"109"	40°31'39.84760"N	17°47'21.84183"E	125.537	1.802	PD Fixed	4622794.466	1483273.631	4122781.761	4490072.330	736273.986	81.537	0.014	0.020	1.771	2.116	19-09-2021	22744000	8	0
"110"	40°30'59.13076"N	17°46'28.93853"E	133.068	1.802	PD Fixed	4623957.297	1482338.785	4121831.924	4488777.348	735068.616	89.025	0.014	0.018	1.614	1.900	19-09-2021	27774000	9	0
"111"	40°31'22.75982"N	17°46'00.81458"E	131.897	1.802	PD Fixed	4623707.553	1481563.526	4122385.238	4489485.234	734383.815	87.811	0.014	0.024	2.002	2.399	19-09-2021	30041000	8	0
"112"	40°31'19.24601"N	17°46'12.73036"E	132.929	1.802	PD Fixed	4623689.769	1481852.365	4122303.517	4489385.682	734667.642	88.858	0.014	0.024	2.057	2.460	19-09-2021	30245000	8	0
"113"	40°31'07.39756"N	17°46'14.62015"E	132.408	1.802	PD Fixed	4623901.944	1481967.081	4122025.348	4489021.685	734723.605	88.345	0.013	0.024	2.019	2.421	19-09-2021	30424000	8	0
"114"	40°30'49.81222"N	17°46'44.78733"E	133.120	1.802	PD Fixed	4624021.242	1482751.104	4121613.434	4488501.727	735450.692	89.099	0.015	0.033	2.673	3.249	19-09-2021	30868000	7	0
"115"	40°30'06.78135"N	17°46'53.30549"E	131.338	1.802	PD Fixed	4624779.705	1483204.947	4120603.075	4487181.020	735693.060	87.349	0.015	0.023	2.134	2.526	19-09-2021	34868000	7	0
"116"	40°30'04.50320"N	17°47'00.44278"E	131.390	1.802	PD Fixed	4624771.876	1483378.927	4120549.675	4487116.068	735863.297	87.410	0.014	0.019	1.892	2.243	19-09-2021	35032000	7	0
"117"	40°30'09.25843"N	17°46'48.28663"E	131.238	1.802	PD Fixed	4624768.465	1483077.238	4120661.110	4487253.684	735572.503	87.242	0.012	0.016	1.721	2.008	19-09-2021	35255000	9	0
"118"	40°30'08.77115"N	17°46'24.25113"E	132.965	1.802	PD Fixed	4624951.800	1482541.697	4120650.803	4487220.833	735007.164	88.944	0.025	0.021	2.750	3.244	19-09-2021	38079000	8	0
"119"	40°30'10.37724"N	17°46'08.60224"E	134.119	1.802	PD Fixed	4625034.458	1482181.255	4120689.222	4487258.782	734637.223	90.081	0.012	0.015	1.574	1.867	19-09-2021	38204000	9	0
"120"	40°30'18.04405"N	17°47'30.27007"E	130.002	1.802	PD Fixed	4624298.009	1483964.470	4120866.368	4487555.860	736552.240	86.047	0.014	0.020	1.916	2.253	19-09-2021	49042000	8	0
"121"	40°30'27.92869"N	17°47'28.38441"E	129.859	1.802	PD Fixed	4624122.897	1483861.649	4121098.104	4487859.288	736498.199	85.897	0.014	0.022	2.088	2.480	19-09-2021	49378000	7	0
"122"	40°30'19.38764"N	17°47'09.92180"E	132.784	1.802	PD Fixed	4624420.763	1483500.693	4120899.688	4487582.140	736071.936	88.806	0.014	0.021	2.003	2.364	19-09-2021	49642000	8	0
"123"	40°29'16.60897"N	17°47'06.90634"E	107.945	1.802	PD Fixed	4625621.922	1483811.439	4119410.971	4485643.862	736062.119	63.994	0.011	0.017	1.635	1.919	19-09-2021	52539000	9	0

"124"	40°29'22.92863"N	17°46'53.14843"E	109.517	1.802	PD Fixed	4625601.495	1483464.617	4119560.248	4485828.529	735732.030	65.549	0.011	0.016	1.711	2.023	19-09-2021	52820000	9	0
"125"	40°29'18.72589"N	17°47'14.06348"E	108.168	1.802	PD Fixed	4625530.223	1483959.042	4119460.778	4485714.471	736228.576	64.223	0.011	0.016	1.672	1.957	19-09-2021	53086000	9	0
"126"	40°29'28.25627"N	17°47'16.60647"E	110.366	1.802	PD Fixed	4625331.762	1483958.266	4119685.779	4486010.272	736279.159	66.419	0.012	0.018	1.923	2.276	19-09-2021	53232000	8	0
"127"	40°29'40.82113"N	17°45'47.19648"E	112.670	1.802	PD Fixed	4625736.574	1481876.928	4119982.023	4486331.490	734161.889	68.625	0.012	0.018	2.001	2.360	19-09-2021	55339000	8	0
"MES02 ril"	40°32'26.73436"N	17°45'14.49172"E	132.013	1.802	PD Fixed	4622818.881	1480134.067	4123885.175	4491423.995	733232.003	87.849	0.016	0.024	2.037	2.450	31-10-2021	29440000	7	2
"202"	40°32'15.80472"N	17°45'07.10624"E	134.882	1.802	PD Fixed	4623082.649	1480036.020	4123630.826	4491081.504	733068.774	90.714	0.070	0.415	2.436	2.911	31-10-2021	29982000	7	3
"203"	40°32'15.35568"N	17°45'12.96459"E	134.722	1.802	PD Fixed	4623049.069	1480170.032	4123620.195	4491071.964	733207.044	90.560	0.099	0.529	1.800	2.149	31-10-2021	30202000	8	3
"204"	40°32'14.87078"N	17°45'19.21673"E	133.236	1.802	PD Fixed	4623012.384	1480312.782	4123607.862	4491061.610	733354.614	89.082	0.089	0.592	1.840	2.207	31-10-2021	30383000	8	3
"MES01 ril"	40°32'28.65606"N	17°45'57.54242"E	126.996	1.802	PD Fixed	4622469.530	1481085.970	4123926.961	4491514.997	734243.005	82.881	0.012	0.018	1.520	1.828	31-10-2021	30840000	8	6
"206"	40°32'09.06873"N	17°46'08.95774"E	128.168	1.802	PD Fixed	4622762.374	1481461.908	4123468.550	4490919.379	734530.563	84.073	0.016	0.026	2.164	2.583	31-10-2021	31230000	6	3
"207"	40°32'07.47442"N	17°46'10.04572"E	128.069	1.802	PD Fixed	4622784.925	1481496.023	4123431.110	4490871.017	734557.708	83.976	0.017	0.027	2.302	2.650	31-10-2021	31289000	8	4
"208"	40°32'09.72214"N	17°46'14.79245"E	127.014	1.802	PD Fixed	4622707.155	1481588.408	4123483.118	4490943.847	734667.214	82.925	0.122	0.707	1.688	2.026	31-10-2021	31448000	8	6
"209"	40°32'09.20722"N	17°46'15.65883"E	126.657	1.802	PD Fixed	4622710.504	1481610.892	4123470.815	4490928.608	734688.099	82.570	0.068	0.488	1.527	1.840	31-10-2021	31492000	8	6
"210"	40°32'02.35111"N	17°46'30.03481"E	125.134	1.802	PD Fixed	4622737.014	1481974.684	4123309.094	4490727.820	735033.012	81.066	0.013	0.022	1.670	1.977	31-10-2021	31809000	8	5
"221"	40°32'02.60518"N	17°46'30.25659"E	125.181	1.802	PD Fixed	4622730.604	1481978.110	4123315.080	4490735.819	735037.983	81.113	0.011	0.019	1.543	1.856	31-10-2021	31821000	8	5
"212"	40°32'02.31821"N	17°46'31.66424"E	125.028	1.802	PD Fixed	4622725.858	1482011.378	4123308.253	4490728.013	735071.383	80.962	0.015	0.021	1.826	2.166	31-10-2021	31859000	7	5
"213"	40°32'02.67782"N	17°46'31.84841"E	125.333	1.802	PD Fixed	4622717.890	1482013.376	4123316.882	4490739.240	735075.367	81.267	0.018	0.026	2.217	2.755	31-10-2021	31875000	6	5
"214"	40°32'02.75403"N	17°46'33.46390"E	125.627	1.802	PD Fixed	4622705.040	1482049.183	4123318.860	4490742.788	735113.305	81.562	0.068	0.475	1.650	1.964	31-10-2021	31933000	8	5
"215"	40°32'02.46517"N	17°46'34.08314"E	125.682	1.802	PD Fixed	4622706.145	1482064.842	4123312.124	4490734.339	735128.156	81.618	0.167	0.672	1.851	2.172	31-10-2021	31956000	8	4
"216"	40°32'02.82759"N	17°46'35.07990"E	125.775	1.802	PD Fixed	4622692.132	1482084.984	4123320.681	4490746.255	735151.257	81.713	0.015	0.023	1.969	2.306	31-10-2021	31986000	8	4
"MES03 ril"	40°32'03.94373"N	17°46'31.45974"E	125.596	1.802	PD Fixed	4622696.707	1481996.979	4123346.731	4490777.991	735064.992	81.529	0.012	0.019	1.595	1.903	31-10-2021	32211000	8	6
"218"	40°31'54.72971"N	17°46'37.73153"E	120.686	1.802	PD Fixed	4622823.980	1482192.793	4123127.525	4490498.489	735221.522	76.629	0.012	0.018	1.520	1.828	31-10-2021	32625000	7	4
"219"	40°31'56.31942"N	17°46'37.56806"E	123.046	1.802	PD Fixed	4622796.516	1482179.948	4123166.329	4490547.394	735216.130	78.989	0.016	0.024	2.037	2.450	31-10-2021	32680000	8	5
"220"	40°31'54.31819"N	17°46'39.92030"E	124.291	1.802	PD Fixed	4622818.716	1482245.204	4123120.220	4490487.422	735273.425	80.237	0.012	0.018	1.520	1.828	31-10-2021	32803000	9	4
"221"	40°31'54.19026"N	17°46'38.61733"E	124.413	1.802	PD Fixed	4622830.609	1482216.813	4123117.299	4490482.511	735242.890	80.357	0.012	0.018	1.520	1.828	31-10-2021	32846000	9	5
"222"	40°31'53.37705"N	17°46'40.47012"E	125.382	1.802	PD Fixed	4622833.519	1482263.540	4123098.863	4490458.806	735287.278	81.329	0.016	0.024	2.037	2.450	31-10-2021	33014000	9	6

"223"	40°31'53.54148"N	17°46'40.55429"E	125.294	1.802	PD Fixed	4622829.712	1482264.399	4123102.661	4490463.940	735289.098	81.241	0.012	0.018	1.520	1.828	31-10-2021	33025000	9	6
"224"	40°31'45.59591"N	17°47'09.06587"E	125.389	1.802	PD Fixed	4622776.507	1482952.064	4122916.438	4490240.090	735967.739	81.372	0.012	0.018	1.520	1.828	31-10-2021	33324000	8	3
"225"	40°31'45.54002"N	17°47'07.33521"E	125.066	1.802	PD Fixed	4622789.783	1482913.544	4122914.918	4490237.079	735927.069	81.047	0.016	0.024	2.037	2.450	31-10-2021	33370000	9	2
"226"	40°31'45.69402"N	17°47'07.64914"E	124.924	1.802	PD Fixed	4622784.484	1482919.604	4122918.437	4490242.062	735934.306	80.906	0.012	0.018	1.520	1.828	31-10-2021	33396000	8	4
"227"	40°31'45.51588"N	17°47'07.73806"E	124.953	1.802	PD Fixed	4622787.266	1482922.694	4122914.279	4490236.634	735936.572	80.935	0.062	0.388	1.872	2.185	31-10-2021	33405000	9	1
"228"	40°31'39.51495"N	17°47'22.81114"E	125.769	1.802	PD Fixed	4622794.013	1483297.446	4122774.112	4490062.793	736297.121	81.770	0.012	0.018	1.520	1.828	31-10-2021	33575000	8	2
"130"	40°31'39.99734"N	17°47'24.60978"E	124.757	1.802	PD Fixed	4622771.139	1483334.568	4122784.765	4490079.010	736338.975	80.760	0.017	0.022	1.896	2.219	06-11-2021	31470000	9	0
"131"	40°31'42.12284"N	17°47'24.84414"E	124.250	1.802	PD Fixed	4622728.519	1483326.686	4122834.270	4490144.733	736342.414	80.253	0.013	0.022	2.379	2.792	06-11-2021	31580000	8	0
"132"	40°31'45.07424"N	17°47'14.04555"E	124.541	1.802	PD Fixed	4622750.047	1483066.665	4122903.657	4490227.709	736085.426	80.530	0.016	0.023	2.163	2.535	06-11-2021	32269000	8	0
"301"	40°31'39.51114"N	17°47'22.82135"E	125.409	1.802	PD Fixed	4622793.752	1483297.615	4122773.789	4490062.683	736297.365	81.410	0.014	0.018	1.867	2.217	06-11-2021	32510000	8	4
"302"	40°31'38.79531"N	17°47'23.90824"E	125.191	1.802	PD Fixed	4622799.440	1483326.307	4122756.864	4490041.418	736323.641	81.194	0.013	0.015	1.608	1.871	06-11-2021	32565000	8	7
"303"	40°31'39.44596"N	17°47'25.07757"E	125.146	1.802	PD Fixed	4622778.580	1483348.519	4122772.090	4490062.355	736350.522	81.150	0.022	0.028	2.610	2.993	06-11-2021	32621000	8	4
"304"	40°31'40.70825"N	17°47'25.49036"E	124.649	1.802	PD Fixed	4622751.159	1483349.924	4122801.362	4490101.590	736359.003	80.653	0.010	0.016	1.596	1.885	06-11-2021	32660000	8	6
"305"	40°31'42.03529"N	17°47'25.92694"E	124.404	1.802	PD Fixed	4622722.515	1483351.525	4122832.317	4490142.840	736367.980	80.408	0.011	0.017	1.887	2.260	06-11-2021	32702000	6	6
"306"	40°31'39.56986"N	17°47'23.38675"E	125.458	1.802	PD Fixed	4622788.601	1483309.938	4122775.198	4490064.915	736310.613	81.460	0.013	0.017	1.719	2.022	06-11-2021	32831000	8	5
"307"	40°31'18.32069"N	17°47'15.34224"E	130.964	1.802	PD Fixed	4623255.974	1483261.031	4122280.543	4489403.617	736142.043	86.964	0.017	0.026	2.644	3.250	06-11-2021	33227000	6	3
"308"	40°31'17.05609"N	17°47'14.90743"E	130.910	1.802	PD Fixed	4623283.195	1483259.016	4122250.855	4489364.294	736133.044	86.910	0.011	0.016	1.597	1.872	06-11-2021	33307000	8	5
"309"	40°31'17.99572"N	17°47'17.03476"E	130.455	1.802	PD Fixed	4623249.637	1483300.839	4122272.593	4489394.856	736182.192	86.458	0.012	0.015	1.720	1.995	06-11-2021	33377000	8	6
"310"	40°31'18.17307"N	17°47'18.37251"E	129.887	1.802	PD Fixed	4623236.221	1483329.606	4122276.383	4489401.321	736213.501	85.891	0.012	0.020	2.000	2.395	06-11-2021	33417000	8	4
"311"	40°31'18.30383"N	17°47'17.04944"E	131.115	1.802	PD Fixed	4623244.129	1483299.435	4122280.246	4489404.368	736182.236	87.118	0.083	0.785	2.244	2.602	06-11-2021	33541000	7	4
"312"	40°31'17.11432"N	17°47'16.57301"E	131.064	1.802	PD Fixed	4623270.218	1483296.028	4122252.321	4489367.330	736172.185	87.067	0.089	0.794	2.216	2.533	06-11-2021	33583000	7	7
"313"	40°31'16.02005"N	17°47'14.55233"E	130.883	1.802	PD Fixed	4623305.501	1483257.393	4122226.545	4489332.079	736125.698	86.884	0.009	0.019	1.935	2.231	06-11-2021	33650000	8	6
"314"	40°31'14.87519"N	17°47'14.15758"E	130.742	1.802	PD Fixed	4623330.086	1483255.521	4122199.608	4489296.479	736117.524	86.742	0.011	0.024	2.065	2.368	06-11-2021	33705000	8	6
"315"	40°31'13.61437"N	17°47'13.72676"E	131.182	1.802	PD Fixed	4623357.563	1483253.686	4122170.329	4489257.276	736108.615	87.182	0.014	0.023	2.324	2.821	06-11-2021	33800000	5	6
"316"	40°31'12.98363"N	17°47'15.07347"E	130.900	1.802	PD Fixed	4623359.712	1483287.669	4122155.356	4489238.826	736140.925	86.903	0.014	0.022	2.262	2.716	06-11-2021	33841000	6	4
"317"	40°31'17.93730"N	17°47'22.94689"E	128.801	1.802	PD Fixed	4623207.037	1483433.328	4122270.148	4489397.458	736321.385	84.810	0.152	1.303	2.207	2.533	06-11-2021	34146000	8	5

"318"	40°31'17.75076"N	17°47'26.65670"E	128.930	1.802	PD Fixed	4623184.008	1483517.651	4122265.858	4489394.470	736408.874	84.943	0.012	0.017	1.784	2.159	06-11-2021	34215000	6	5
"319"	40°31'17.58707"N	17°47'29.97165"E	128.939	1.802	PD Fixed	4623163.296	1483592.956	4122262.025	4489391.893	736487.048	84.956	0.254	1.080	2.031	2.435	06-11-2021	34285000	6	5
"320"	40°31'17.94434"N	17°47'33.43393"E	128.107	1.802	PD Fixed	4623130.973	1483668.177	4122269.863	4489405.493	736568.180	84.129	0.028	0.034	3.786	4.789	06-11-2021	34347000	5	4
"321"	40°31'15.64969"N	17°47'32.83451"E	128.592	1.802	PD Fixed	4623179.425	1483668.908	4122216.372	4489334.280	736556.316	84.614	0.017	0.021	2.304	2.710	06-11-2021	34427000	6	3
"322"	40°31'13.42239"N	17°47'32.24227"E	128.559	1.802	PD Fixed	4623226.164	1483669.266	4122164.123	4489265.151	736544.555	84.580	0.015	0.032	2.737	3.179	06-11-2021	34508000	7	4
"323"	40°31'10.50839"N	17°47'31.12445"E	129.962	1.802	PD Fixed	4623290.827	1483662.382	4122096.705	4489174.452	736521.095	85.984	0.469	1.757	2.900	3.433	06-11-2021	34585000	6	5
"MES06 ril"	40°31'10.62713"N	17°47'34.99188"E	128.277	1.802	PD Fixed	4623259.523	1483747.949	4122098.395	4489180.998	736611.998	84.303	0.013	0.018	1.846	2.192	06-11-2021	34861400	7	6
"324"	40°31'10.17150"N	17°47'33.97653"E	128.576	1.802	PD Fixed	4623275.737	1483728.050	4122087.905	4489166.190	736588.547	84.601	0.009	0.015	1.595	1.909	06-11-2021	35016000	8	7
"325"	40°31'10.24331"N	17°47'36.01769"E	128.659	1.802	PD Fixed	4623259.745	1483773.381	4122089.643	4489169.927	736636.515	84.687	0.012	0.017	1.856	2.211	06-11-2021	35066000	8	6
"326"	40°30'49.10851"N	17°47'16.98863"E	130.681	1.802	PD Fixed	4623801.365	1483476.713	4121595.347	4488503.964	736209.292	86.696	0.011	0.018	1.664	1.994	06-11-2021	35711000	8	9
"327"	40°30'49.17437"N	17°47'16.85674"E	130.779	1.802	PD Fixed	4623801.128	1483473.376	4121596.955	4488505.897	736206.124	86.793	0.009	0.016	1.568	1.892	06-11-2021	35754000	8	9
"504"	40°30'41.32492"N	17°47'19.09822"E	131.946	1.802	PD Fixed	4623935.621	1483571.946	4121413.633	4488265.496	736266.540	87.967	0.011	0.020	1.792	2.158	06-11-2021	35864000	8	9
"328"	40°30'39.80258"N	17°47'19.66731"E	133.031	1.802	PD Fixed	4623961.359	1483594.275	4121378.637	4488218.973	736281.421	89.054	0.014	0.023	2.057	2.506	06-11-2021	35903000	7	7
"329"	40°30'39.29980"N	17°47'09.23735"E	131.625	1.802	PD Fixed	4624044.947	1483363.210	4121365.932	4488195.703	736036.414	87.636	0.014	0.025	2.201	2.652	06-11-2021	36050000	7	7
"330"	40°30'43.90435"N	17°47'02.65881"E	131.456	1.802	PD Fixed	4624004.276	1483187.511	4121473.806	4488332.810	735877.084	87.457	0.011	0.019	1.738	2.101	06-11-2021	36150000	7	9
"331"	40°30'51.14950"N	17°46'49.02983"E	132.631	1.802	PD Fixed	4623964.871	1482837.915	4121644.477	4488546.117	735549.246	88.614	0.018	0.022	2.231	2.630	06-11-2021	36291000	5	8
"332"	40°30'50.67156"N	17°46'49.89187"E	132.528	1.802	PD Fixed	4623967.720	1482860.141	4121633.202	4488532.018	735570.000	88.512	0.012	0.020	1.975	2.389	06-11-2021	36348000	6	8
"333"	40°30'54.41267"N	17°46'36.90247"E	132.687	1.802	PD Fixed	4623989.819	1482546.094	4121721.037	4488637.751	735260.638	88.655	0.015	0.030	2.542	3.126	06-11-2021	36551000	5	8
"334"	40°30'59.60370"N	17°46'28.71290"E	133.602	1.802	PD Fixed	4623950.280	1482330.957	4121843.361	4488791.766	735062.846	89.558	0.014	0.027	2.390	2.909	06-11-2021	36655000	6	8
"335"	40°31'03.13071"N	17°46'23.40691"E	133.731	1.802	PD Fixed	4623921.196	1482190.464	4121926.153	4488896.605	734934.543	89.680	0.011	0.018	1.686	2.036	06-11-2021	36839000	7	8
"336"	40°31'07.37304"N	17°46'15.02882"E	132.963	1.802	PD Fixed	4623899.878	1481976.521	4122025.134	4489021.231	734733.247	88.901	0.012	0.021	1.984	2.375	06-11-2021	36949000	7	6
"337"	40°31'07.08996"N	17°46'15.87771"E	133.264	1.802	PD Fixed	4623899.399	1481997.352	4122018.691	4489013.130	734753.500	89.202	0.010	0.017	1.675	2.024	06-11-2021	36983000	7	8
"338"	40°31'07.46604"N	17°46'16.35012"E	133.514	1.802	PD Fixed	4623889.009	1482005.700	4122027.673	4489025.077	734764.254	89.453	0.011	0.017	1.733	2.081	06-11-2021	37004000	7	8
"339"	40°31'07.11435"N	17°46'16.98303"E	133.556	1.802	PD Fixed	4623891.203	1482022.049	4122019.453	4489014.700	734779.490	89.496	0.012	0.019	1.815	2.197	06-11-2021	37024000	6	7
"340"	40°31'11.62240"N	17°46'14.05742"E	132.977	1.802	PD Fixed	4623825.769	1481928.756	4122124.786	4489151.559	734706.265	88.911	0.015	0.028	2.527	3.091	06-11-2021	37184000	5	7
"341"	40°31'17.11056"N	17°46'12.88329"E	132.400	1.802	PD Float	4623729.044	1481868.733	4122253.101	4489319.940	734673.312	88.331	0.485	1.313	2.243	2.696	06-11-2021	37297000	6	4

"342"	40°31'17.03921"N	17°46'13.23605"E	132.855	1.802	PD Fixed	4623728.201	1481877.182	4122251.724	4489318.001	734681.682	88.786	0.027	0.035	2.620	3.196	06-11-2021	37320000	6	5
"343"	40°31'16.57067"N	17°46'13.51471"E	132.637	1.802	PD Fixed	4623734.983	1481886.244	4122240.596	4489303.757	734688.695	88.569	0.018	0.024	1.920	2.308	06-11-2021	37352000	7	7
"344"	40°31'17.18323"N	17°46'13.51376"E	132.813	1.802	PD Fixed	4623723.426	1481882.517	4122255.074	4489322.648	734688.078	88.744	0.019	0.032	2.729	3.356	06-11-2021	37371000	5	7
"345"	40°31'17.41131"N	17°46'13.51219"E	132.790	1.802	PD Fixed	4623719.068	1481881.081	4122260.407	4489329.680	734687.820	88.721	0.015	0.029	2.599	3.201	06-11-2021	37381000	5	7
"346"	40°31'17.54390"N	17°46'13.15562"E	133.031	1.802	PD Fixed	4623719.273	1481872.333	4122263.672	4489333.505	734679.300	88.961	0.018	0.024	1.814	2.201	06-11-2021	37395000	6	7
"347"	40°31'19.73759"N	17°46'13.04325"E	132.878	1.802	PD Fixed	4623678.102	1481856.360	4122315.011	4489401.073	734674.529	88.808	0.014	0.022	1.870	2.283	06-11-2021	37470000	6	6
"348"	40°31'18.00116"N	17°46'05.25269"E	132.315	1.802	PD Fixed	4623766.801	1481692.214	4122273.929	4489341.762	734492.870	88.236	0.027	0.036	2.527	3.113	06-11-2021	37693000	5	6
"349"	40°31'17.89686"N	17°46'03.70626"E	132.116	1.802	PD Fixed	4623779.757	1481658.140	4122271.354	4489337.402	734456.577	88.036	0.014	0.020	1.825	2.215	06-11-2021	37751000	6	7
"350"	40°31'19.57280"N	17°46'03.08051"E	132.321	1.802	PD Fixed	4623752.413	1481633.910	4122310.785	4489388.624	734440.228	88.240	0.012	0.021	2.082	2.514	06-11-2021	37804000	6	6
"351"	40°31'20.79452"N	17°46'04.56106"E	132.603	1.802	PD Fixed	4623718.664	1481659.692	4122339.615	4489427.395	734473.887	88.522	0.020	0.027	2.199	2.712	06-11-2021	38192000	5	5
"352"	40°31'23.33399"N	17°46'02.35959"E	132.021	1.802	PD Fixed	4623685.586	1481594.677	4122398.781	4489504.082	734419.619	87.937	0.017	0.023	1.863	2.256	06-11-2021	38327000	6	5
"MES04 ril"	40°31'24.51530"N	17°46'00.29946"E	131.562	1.802	PD Fixed	4623677.505	1481541.165	4122426.183	4489538.991	734369.993	87.476	0.010	0.017	1.683	2.044	06-11-2021	38688400	7	7
"353"	40°31'31.24121"N	17°46'00.96844"E	131.193	1.802	PD Fixed	4623544.054	1481514.939	4122583.647	4489746.906	734379.222	87.104	0.016	0.020	1.605	1.942	06-11-2021	39174000	7	7
"354"	40°31'37.40494"N	17°45'59.58078"E	130.611	1.802	PD Fixed	4623435.946	1481446.000	4122727.787	4489935.964	734340.599	86.517	0.022	0.029	1.957	2.406	06-11-2021	39432000	6	6
"355"	40°31'41.46664"N	17°46'01.59970"E	129.884	1.802	PD Fixed	4623343.389	1481466.242	4122822.546	4490062.715	734384.174	85.791	0.011	0.018	1.628	1.967	06-11-2021	39555000	7	6
"356"	40°31'41.47445"N	17°46'01.46525"E	129.850	1.802	PD Fixed	4623344.180	1481463.173	4122822.707	4490062.857	734381.002	85.757	0.013	0.019	1.599	1.933	06-11-2021	39564000	7	7
"357"	40°31'54.01112"N	17°46'07.70506"E	129.728	1.802	PD Fixed	4623059.959	1481526.315	4123116.554	4490454.089	734515.685	85.637	0.017	0.023	2.115	2.590	06-11-2021	39746000	6	7
"358"	40°32'04.21058"N	17°46'12.71946"E	128.036	1.802	PD Fixed	4622828.007	1481575.908	4123354.573	4490772.341	734623.784	83.947	0.020	0.025	1.932	2.324	06-11-2021	39834000	7	7
"359"	40°31'26.80030"N	17°47'18.92793"E	129.700	1.802	PD Fixed	4623067.447	1483289.186	4122478.550	4489667.791	736218.152	85.701	0.009	0.014	1.482	1.780	06-11-2021	40157000	8	7
"360"	40°30'56.19593"N	17°47'20.19396"E	130.498	1.802	PD Fixed	4623642.944	1483505.133	4121761.432	4488724.921	736277.818	86.513	0.010	0.017	1.566	1.881	06-11-2021	40558000	8	6
"361"	40°31'01.51436"N	17°47'22.60136"E	130.386	1.802	PD Fixed	4623524.064	1483526.509	4121886.077	4488890.731	736329.287	86.402	0.012	0.026	2.348	2.902	06-11-2021	40649000	6	5
"362"	40°31'05.41613"N	17°47'23.68506"E	130.388	1.802	PD Fixed	4623441.817	1483526.911	4121977.573	4489011.865	736350.983	86.403	0.010	0.016	1.522	1.824	06-11-2021	40778000	8	6
"363"	40°31'05.07180"N	17°47'29.64066"E	129.976	1.802	PD Fixed	4623405.253	1483662.418	4121969.231	4489005.686	736491.486	85.998	0.010	0.018	1.721	2.068	06-11-2021	40854000	8	5
"364"	40°30'35.52102"N	17°47'21.09840"E	131.303	1.802	PD Fixed	4624031.503	1483652.166	4121277.103	4488087.999	736319.284	87.329	0.012	0.021	2.004	2.417	06-11-2021	41132000	7	5
"365"	40°30'30.68269"N	17°47'22.92575"E	130.537	1.802	PD Fixed	4624110.114	1483722.572	4121163.134	4487940.151	736367.020	86.567	0.011	0.018	1.702	2.005	06-11-2021	41298000	8	6
"366"	40°30'27.35110"N	17°47'24.08243"E	129.893	1.802	PD Fixed	4624164.888	1483768.749	4121084.580	4487838.269	736397.499	85.926	0.018	0.033	3.147	4.013	06-11-2021	41419000	5	5

"367"	40°30'24.74799"N	17°47'24.97729"E	129.956	1.802	PD Fixed	4624208.159	1483804.760	4121023.570	4487758.659	736421.104	85.992	0.018	0.024	1.979	2.391	06-11-2021	41497000	7	7
"368"	40°30'25.43898"N	17°47'24.46337"E	130.263	1.802	PD Fixed	4624198.896	1483789.080	4121039.975	4487779.585	736408.332	86.298	0.009	0.014	1.533	1.843	06-11-2021	41530000	8	7
"MES08 ril"	40°30'27.81338"N	17°47'28.75351"E	129.643	1.802	PD Fixed	4624122.286	1483870.579	4121095.260	4487856.007	736506.999	85.682	0.009	0.016	1.685	2.026	06-11-2021	41775000	8	6
"369"	40°30'28.08253"N	17°47'27.79876"E	129.784	1.802	PD Fixed	4624124.121	1483847.560	4121101.664	4487863.596	736484.263	85.821	0.013	0.017	1.595	1.915	06-11-2021	41885000	7	7
"370"	40°30'21.62783"N	17°47'26.04722"E	130.072	1.802	PD Fixed	4624260.071	1483847.874	4120950.467	4487663.233	736449.336	86.110	0.016	0.022	2.014	2.448	06-11-2021	42147000	7	5
"371"	40°30'21.01203"N	17°47'25.54980"E	130.164	1.802	PD Float	4624275.464	1483840.514	4120936.084	4487643.872	736438.228	86.202	0.245	0.418	1.860	2.229	06-11-2021	42175000	8	4
"372"	40°30'18.66205"N	17°47'25.94105"E	130.145	1.802	PD Fixed	4624317.467	1483863.666	4120880.956	4487571.692	736449.732	86.185	0.025	0.046	4.260	5.365	06-11-2021	42331000	4	4
"373"	40°30'18.99869"N	17°47'26.06283"E	132.335	1.802	PD Float	4624311.754	1483864.844	4120890.274	4487582.164	736452.270	88.375	0.201	0.969	3.200	3.983	06-11-2021	42352000	7	4
"374"	40°30'19.81843"N	17°47'26.97771"E	130.338	1.802	PD Float	4624288.088	1483879.873	4120908.202	4487608.126	736473.006	86.378	0.582	2.293	3.426	4.312	06-11-2021	42389000	6	5
"375"	40°30'19.40273"N	17°47'22.39357"E	130.920	1.802	PD Fixed	4624329.418	1483779.780	4120898.831	4487591.891	736365.503	86.956	0.022	0.025	1.986	2.382	06-11-2021	42522000	8	6
"376"	40°30'19.13749"N	17°47'22.19018"E	130.583	1.802	PD Fixed	4624335.696	1483776.765	4120892.391	4487583.559	736360.974	86.618	0.014	0.018	1.770	2.121	06-11-2021	42544000	7	5
"377"	40°30'19.96909"N	17°47'15.85248"E	131.056	1.802	PD Fixed	4624365.762	1483629.697	4120912.202	4487604.485	736210.975	87.084	0.015	0.023	2.363	2.853	06-11-2021	42622000	6	5
"378"	40°30'20.15182"N	17°47'15.89910"E	131.586	1.802	PD Fixed	4624362.325	1483629.747	4120916.833	4487610.155	736211.894	87.615	0.012	0.018	1.803	2.165	06-11-2021	42638000	8	6
"379"	40°30'19.92776"N	17°47'11.28943"E	132.180	1.802	PD Fixed	4624400.185	1483527.909	4120911.963	4487599.814	736103.602	88.203	0.045	0.056	3.674	4.628	06-11-2021	42708000	5	4
"380"	40°30'20.18212"N	17°47'09.14604"E	132.893	1.802	PD Fixed	4624411.264	1483478.464	4120918.392	4487606.063	736052.900	88.913	0.014	0.021	1.962	2.384	06-11-2021	42789000	7	5
"381"	40°30'19.92586"N	17°47'09.25081"E	132.690	1.802	PD Fixed	4624415.253	1483482.334	4120912.250	4487598.238	736055.616	88.711	0.026	0.038	3.207	4.033	06-11-2021	42809000	6	5
"382"	40°30'21.05384"N	17°47'05.32708"E	133.429	1.802	PD Fixed	4624422.488	1483387.633	4120939.185	4487630.106	735962.154	89.446	0.084	0.089	3.273	4.107	06-11-2021	42896000	6	5
"383"	40°30'22.88804"N	17°46'55.73336"E	129.552	1.802	PD Float	4624453.676	1483160.418	4120979.685	4487679.539	735734.537	85.556	0.248	1.365	2.075	2.476	06-11-2021	42980000	6	5
"384"	40°30'24.63604"N	17°46'21.74396"E	136.164	1.802	PD Fixed	4624669.453	1482389.201	4121024.977	4487708.234	734932.753	92.131	0.018	0.026	2.193	2.669	06-11-2021	43136000	7	5
"385"	40°30'23.13522"N	17°46'21.85609"E	135.691	1.802	PD Fixed	4624696.939	1482400.784	4120989.470	4487662.033	734936.849	91.659	0.021	0.025	2.588	3.155	06-11-2021	43172000	5	5
"386"	40°30'25.30684"N	17°46'19.91939"E	136.479	1.802	PD Fixed	4624669.995	1482344.263	4121040.914	4487727.570	734889.154	92.444	0.014	0.020	1.790	2.143	06-11-2021	43271000	8	5
"387"	40°30'11.41139"N	17°47'08.76639"E	130.833	1.802	PD Fixed	4624579.825	1483523.149	4120711.344	4487335.300	736052.512	86.858	0.020	0.027	2.199	2.559	06-11-2021	43568000	6	5
"388"	40°30'10.09833"N	17°46'53.99575"E	131.271	1.802	PD Fixed	4624711.415	1483200.114	4120680.831	4487283.826	735706.082	87.281	0.018	0.023	2.013	2.421	06-11-2021	43702000	7	4
"389"	40°30'06.23632"N	17°46'52.99147"E	131.615	1.802	PD Fixed	4624792.561	1483201.305	4120590.471	4487163.979	735686.199	87.626	0.016	0.019	1.659	1.980	06-11-2021	43813000	8	5
"MES07 ril"	40°30'04.65360"N	17°46'58.14228"E	131.335	1.802	PD Fixed	4624785.511	1483326.413	4120553.166	4487118.996	735808.994	87.352	0.010	0.015	1.639	1.955	06-11-2021	43975000	8	5
"390"	40°30'04.62380"N	17°46'58.63280"E	131.351	1.802	PD Fixed	4624782.563	1483337.597	4120552.478	4487118.442	735820.571	87.369	0.011	0.019	1.951	2.362	06-11-2021	44068000	7	5

"391"	40°30'05.58354"N	17°46'57.56217"E	131.696	1.802	PD Fixed	4624772.204	1483307.800	4120575.213	4487147.244	735794.433	87.712	0.012	0.020	2.096	2.497	06-11-2021	44115000	7	5
"392"	40°30'09.98023"N	17°46'24.60520"E	132.913	1.802	PD Fixed	4624926.150	1482542.230	4120679.127	4487258.382	735014.326	88.892	0.021	0.033	2.819	3.532	06-11-2021	44360000	5	4
"393"	40°30'06.34679"N	17°46'24.40336"E	133.874	1.802	PD Float	4624997.615	1482560.147	4120594.529	4487146.181	735013.100	89.854	0.271	0.972	1.844	2.181	06-11-2021	44433000	9	5
"394"	40°30'09.35540"N	17°46'21.42875"E	132.114	1.802	PD Float	4624960.323	1482474.642	4120663.953	4487236.760	734940.156	88.089	0.523	1.263	1.749	2.052	06-11-2021	44521000	8	5
"395"	40°30'10.75738"N	17°46'06.10981"E	133.891	1.802	PD Fixed	4625044.950	1482122.991	4120697.991	4487268.662	734578.181	89.850	0.011	0.014	1.417	1.693	06-11-2021	44637000	9	6
"396"	40°30'11.21178"N	17°46'05.41754"E	133.952	1.802	PD Fixed	4625041.299	1482104.704	4120708.687	4487282.164	734561.445	89.909	0.013	0.018	1.825	2.246	06-11-2021	44668000	7	6
"397"	40°30'09.92417"N	17°46'04.30260"E	133.877	1.802	PD Fixed	4625073.822	1482087.559	4120678.439	4487241.631	734536.446	89.835	0.014	0.016	1.395	1.664	06-11-2021	44715000	9	6
"398"	40°30'01.38893"N	17°46'54.29627"E	132.027	1.802	PD Fixed	4624875.947	1483260.313	4120477.042	4487015.459	735721.632	88.042	0.011	0.017	1.714	2.109	06-11-2021	45100000	7	6
"399"	40°29'55.32435"N	17°46'52.76120"E	131.720	1.802	PD Fixed	4625002.451	1483262.924	4120334.593	4486827.293	735691.395	87.736	0.011	0.014	1.494	1.794	06-11-2021	45171000	8	6
"400"	40°29'48.28772"N	17°46'49.51225"E	130.787	1.802	PD Fixed	4625159.363	1483232.901	4120168.932	4486607.877	735621.752	86.803	0.016	0.021	2.041	2.455	06-11-2021	45251000	7	4
"401"	40°29'48.32045"N	17°46'56.79871"E	130.906	1.802	PD Fixed	4625106.426	1483396.115	4120169.777	4486614.299	735793.264	86.930	0.014	0.017	1.636	1.963	06-11-2021	45460000	7	5
"402"	40°29'47.39078"N	17°47'18.21259"E	129.779	1.802	PD Fixed	4624969.316	1483881.701	4120147.239	4486601.558	736298.311	85.826	0.020	0.021	2.069	2.484	06-11-2021	45669000	6	4
"403"	40°29'41.61295"N	17°47'18.95264"E	127.192	1.802	PD Fixed	4625072.322	1483933.052	4120010.027	4486423.926	736321.370	83.242	0.035	0.030	1.976	2.424	06-11-2021	45812000	6	5
"404"	40°29'41.84748"N	17°47'18.79619"E	127.212	1.802	PD Float	4625068.989	1483928.114	4120015.542	4486431.042	736317.458	83.262	0.201	0.428	2.775	3.195	06-11-2021	45830000	6	2
"405"	40°29'39.42762"N	17°47'19.09638"E	124.763	1.802	PD Fixed	4625111.210	1483949.084	4119957.187	4486356.639	736326.886	80.814	0.019	0.021	1.974	2.396	06-11-2021	45916000	6	5
"406"	40°29'37.57216"N	17°47'19.35860"E	120.066	1.802	PD Fixed	4625141.312	1483965.227	4119910.612	4486299.614	736334.870	76.119	0.015	0.018	1.528	1.833	06-11-2021	45981000	8	6
"407"	40°29'27.59986"N	17°47'16.28042"E	110.276	1.802	PD Fixed	4625346.562	1483954.950	4119670.322	4485989.786	736272.122	66.329	0.014	0.019	1.738	2.087	06-11-2021	46112000	7	5
"408"	40°29'28.43296"N	17°47'16.41361"E	110.880	1.802	PD Fixed	4625330.153	1483952.979	4119690.258	4486015.577	736274.446	66.934	0.020	0.020	1.709	2.050	06-11-2021	46153000	7	5
"409"	40°29'28.74935"N	17°47'16.93989"E	111.417	1.802	PD Fixed	4625320.721	1483962.970	4119698.029	4486025.726	736286.528	67.471	0.015	0.017	1.558	1.867	06-11-2021	46174000	8	4
"410"	40°29'28.68411"N	17°47'16.84208"E	111.397	1.802	PD Fixed	4625322.655	1483961.171	4119696.486	4486023.641	736284.289	67.451	0.013	0.016	1.556	1.865	06-11-2021	46195000	8	4
"411"	40°29'28.63601"N	17°47'16.98493"E	111.432	1.802	PD Fixed	4625322.570	1483964.677	4119695.380	4486022.265	736287.699	67.486	0.013	0.017	1.649	2.008	06-11-2021	46203000	7	5
"412"	40°29'28.65846"N	17°47'16.75388"E	111.389	1.802	PD Fixed	4625323.773	1483959.348	4119695.879	4486022.785	736282.237	67.443	0.012	0.015	1.523	1.831	06-11-2021	46212000	8	5
"413"	40°29'28.44985"N	17°47'16.62931"E	111.187	1.802	PD Fixed	4625328.501	1483957.784	4119690.853	4486016.259	736279.508	67.240	0.016	0.017	1.531	1.850	06-11-2021	46222000	8	5
"414"	40°29'20.91052"N	17°47'15.17863"E	108.540	1.802	PD Fixed	4625480.807	1483970.769	4119512.270	4485782.673	736252.703	64.595	0.013	0.016	1.604	1.891	06-11-2021	46371000	9	5
"415"	40°29'20.90074"N	17°47'15.33385"E	108.516	1.802	PD Fixed	4625479.859	1483974.304	4119512.025	4485782.487	736256.367	64.572	0.014	0.017	1.789	2.177	06-11-2021	46380000	7	4
"416"	40°29'16.36018"N	17°47'07.89724"E	107.910	1.802	PD Fixed	4625619.513	1483835.174	4119405.112	4485636.927	736085.693	63.960	0.012	0.014	1.386	1.662	06-11-2021	46521000	9	6

"417"	40°29'18.07010"N	17°47'07.91402"E	108.533	1.802	PD Fixed	4625587.234	1483825.235	4119445.630	4485689.672	736084.422	64.582	0.014	0.017	1.834	2.166	06-11-2021	46579000	7	4
"418"	40°29'16.26660"N	17°47'07.62868"E	107.490	1.802	PD Fixed	4625622.925	1483829.627	4119402.644	4485633.841	736079.461	63.540	0.024	0.023	1.676	2.014	06-11-2021	46630000	7	4
"MESS ril"	40°29'17.43696"N	17°47'00.98945"E	107.548	1.802	PD Fixed	4625648.406	1483673.591	4119430.137	4485664.997	735921.995	63.590	0.012	0.014	1.401	1.669	06-11-2021	46903000	9	5
"419"	40°29'15.81930"N	17°47'13.68315"E	108.323	1.802	PD Fixed	4625588.502	1483968.332	4119392.691	4485624.552	736222.454	64.380	0.012	0.016	1.588	1.880	06-11-2021	47292000	8	5
"420"	40°29'05.60973"N	17°47'10.61900"E	107.878	1.802	PD Fixed	4625804.922	1483961.972	4119152.883	4485307.419	736160.255	63.937	0.018	0.018	1.481	1.762	06-11-2021	47403000	8	5
"421"	40°28'53.04263"N	17°47'06.56498"E	105.365	1.802	PD Fixed	4626071.908	1483947.342	4118856.409	4484916.847	736077.036	61.426	0.020	0.021	1.528	1.815	06-11-2021	47540000	8	5
"422"	40°28'50.44444"N	17°47'20.69114"E	105.271	1.802	PD Fixed	4626019.742	1484280.032	4118795.389	4484847.234	736412.215	61.347	0.016	0.015	1.530	1.823	06-11-2021	47675000	8	5
"423"	40°28'40.08486"N	17°47'17.59273"E	105.065	1.802	PD Float	4626239.415	1484273.868	4118552.191	4484525.448	736349.353	61.145	0.488	1.644	1.712	2.004	06-11-2021	47769000	8	5
"424"	40°28'40.05403"N	17°47'17.60068"E	105.542	1.802	PD Fixed	4626240.291	1484274.346	4118551.777	4484524.503	736349.570	61.622	0.022	0.022	1.525	1.807	06-11-2021	47786000	8	5
"425"	40°28'30.47899"N	17°47'14.70120"E	106.908	1.802	PD Fixed	4626444.703	1484268.200	4118327.998	4484227.061	736290.622	62.990	0.015	0.014	1.438	1.714	06-11-2021	47981000	8	5
"426"	40°28'27.58757"N	17°47'13.76639"E	108.076	1.802	PD Fixed	4626507.402	1484265.190	4118260.911	4484137.196	736271.425	64.158	0.025	0.018	1.576	1.869	06-11-2021	48061000	8	5
"427"	40°28'26.61832"N	17°46'59.43144"E	105.473	1.802	PD Fixed	4626627.138	1483948.976	4118236.478	4484096.645	735934.772	61.542	0.017	0.016	1.522	1.808	06-11-2021	48168000	8	5
"428"	40°28'25.57587"N	17°46'44.81706"E	107.069	1.802	PD Fixed	4626753.299	1483627.909	4118213.054	4484053.644	735591.606	63.125	0.013	0.015	1.516	1.796	06-11-2021	48273000	8	5
"429"	40°28'25.21689"N	17°46'38.93202"E	107.427	1.802	PD Fixed	4626802.731	1483498.177	4118204.862	4484038.208	735453.358	63.477	0.013	0.017	1.648	1.946	06-11-2021	48349000	8	5
"430"	40°28'12.82499"N	17°46'39.75947"E	111.008	1.802	PD Fixed	4627035.629	1483593.322	4117916.407	4483656.669	735484.880	67.067	0.018	0.019	1.566	1.867	06-11-2021	48460000	8	5
"431"	40°28'01.22357"N	17°46'41.44649"E	110.597	1.802	PD Fixed	4627244.366	1483701.987	4117643.896	4483300.145	735535.881	66.664	0.017	0.018	1.699	2.014	06-11-2021	48588000	8	4
"432"	40°27'45.08055"N	17°46'39.13917"E	101.907	1.802	PD Fixed	4627562.394	1483746.875	4117259.416	4482800.601	735497.211	57.984	0.016	0.019	1.660	1.969	06-11-2021	48759000	8	4
"433"	40°27'45.53011"N	17°46'50.27567"E	102.008	1.802	PD Fixed	4627473.782	1483993.996	4117270.032	4482822.729	735759.090	58.094	0.017	0.023	2.020	2.382	06-11-2021	48891000	8	4
"434"	40°27'47.43817"N	17°47'09.91971"E	101.801	1.802	PD Fixed	4627295.911	1484422.981	4117314.678	4482896.170	736219.941	57.905	0.035	0.038	2.120	2.493	06-11-2021	48975000	8	4
"435"	40°27'47.95328"N	17°47'15.30453"E	102.072	1.802	PD Fixed	4627247.534	1484540.695	4117326.942	4482916.062	736346.275	58.180	0.021	0.028	2.240	2.661	06-11-2021	49046000	7	4
"436"	40°27'49.65802"N	17°47'31.07489"E	104.832	1.802	PD Fixed	4627103.524	1484884.690	4117368.740	4482980.381	736716.074	60.955	0.015	0.024	2.094	2.493	06-11-2021	49125000	8	3
"437"	40°27'51.27819"N	17°47'46.38431"E	105.768	1.802	PD Fixed	4626963.097	1485218.424	4117407.370	4483041.767	737075.093	61.905	0.013	0.019	1.722	2.049	06-11-2021	49220000	8	4
"438"	40°27'52.08826"N	17°47'55.21406"E	104.578	1.802	PD Fixed	4626883.211	1485411.259	4117425.608	4483073.344	737282.277	60.723	0.043	0.043	1.915	2.312	06-11-2021	49372000	7	4
"439"	40°27'37.76652"N	17°47'57.54668"E	100.701	1.802	PD Fixed	4627136.566	1485550.317	4117086.982	4482633.420	737351.235	56.856	0.023	0.031	2.333	2.814	06-11-2021	49497000	7	4
"440"	40°27'36.95823"N	17°47'54.49663"E	101.069	1.802	PD Fixed	4627174.204	1485486.927	4117068.251	4482606.213	737280.180	57.222	0.012	0.018	1.838	2.213	06-11-2021	49552000	7	4
"441"	40°27'14.85188"N	17°47'58.13543"E	99.514	1.802	PD Fixed	4627568.155	1485703.450	4116548.398	4481927.197	737387.525	55.685	0.016	0.022	1.900	2.283	06-11-2021	49765000	7	4

"442"	40°27'12.61539"N	17°48'01.98253"E	100.721	1.802	PD Fixed	4627583.937	1485803.724	4116496.688	4481861.102	737480.343	56.898	0.014	0.023	2.091	2.522	06-11-2021	49842000	7	4
"443"	40°27'09.11532"N	17°48'01.88191"E	100.594	1.802	PD Fixed	4627651.265	1485822.851	4116414.452	4481753.088	737481.399	56.773	0.016	0.025	2.134	2.580	06-11-2021	50041000	6	4
"444"	40°27'09.15229"N	17°47'54.33424"E	97.545	1.802	PD Fixed	4627702.717	1485652.579	4116413.341	4481748.587	737303.553	53.717	0.014	0.023	2.134	2.594	06-11-2021	50117000	7	4
"445"	40°27'09.61064"N	17°47'34.70134"E	97.369	1.802	PD Fixed	4627835.243	1485209.250	4116423.985	4481748.067	736840.589	53.522	0.042	0.036	2.237	2.689	06-11-2021	50231000	7	4
"446"	40°27'00.06017"N	17°47'37.13244"E	97.530	1.802	PD Fixed	4627999.844	1485322.240	4116199.918	4481455.355	736907.186	53.693	0.011	0.019	1.886	2.296	06-11-2021	50330000	7	4
"447"	40°26'54.26831"N	17°47'38.16306"E	96.736	1.802	PD Fixed	4628102.208	1485380.600	4116063.450	4481277.509	736937.121	52.903	0.013	0.019	1.838	2.236	06-11-2021	50422000	7	4
"448"	40°26'54.00449"N	17°47'41.56580"E	97.173	1.802	PD Fixed	4628083.047	1485458.665	4116057.541	4481271.912	737017.547	53.344	0.013	0.020	1.907	2.302	06-11-2021	50491000	7	4
"449"	40°26'43.70395"N	17°47'44.36046"E	95.551	1.802	PD Fixed	4628258.006	1485583.989	4115814.695	4480956.340	737093.451	51.732	0.017	0.026	2.077	2.515	06-11-2021	50598000	7	4
"450"	40°26'35.87241"N	17°47'54.97453"E	97.716	1.802	PD Fixed	4628332.332	1485870.555	4115632.256	4480722.750	737351.185	53.913	0.015	0.026	2.270	2.759	06-11-2021	50692000	7	4
"451"	40°26'30.33877"N	17°48'02.31525"E	98.172	1.802	PD Fixed	4628385.201	1486069.226	4115502.647	4480557.586	737529.559	54.379	0.014	0.024	1.976	2.413	06-11-2021	50788000	7	4
"452"	40°26'23.82480"N	17°48'00.68998"E	96.756	1.802	PD Fixed	4628519.980	1486072.270	4115348.807	4480355.487	737497.638	52.967	0.015	0.026	2.160	2.635	06-11-2021	50877000	7	4
"453"	40°26'18.23195"N	17°47'59.24389"E	98.122	1.802	PD Fixed	4628637.933	1486074.345	4115218.392	4480181.929	737469.035	54.336	0.011	0.018	1.772	2.150	06-11-2021	50958000	7	5
"454"	40°26'21.04400"N	17°47'52.16362"E	97.027	1.802	PD Fixed	4628634.578	1485898.010	4115283.700	4480263.359	737299.452	53.233	0.035	0.037	1.979	2.416	06-11-2021	51026000	7	5
"455"	40°26'18.33638"N	17°47'44.26616"E	94.465	1.802	PD Float	4628741.191	1485736.748	4115218.472	4480173.963	737116.010	50.666	0.491	1.608	2.568	3.119	06-11-2021	51110000	7	5
"456"	40°26'17.85510"N	17°47'43.22471"E	93.891	1.802	PD Fixed	4628757.445	1485716.186	4115206.801	4480158.344	737091.940	50.091	0.023	0.029	2.740	3.311	06-11-2021	51153000	6	3
"457"	40°26'17.98588"N	17°47'43.16889"E	94.118	1.802	PD Fixed	4628755.520	1485714.187	4115210.018	4480162.335	737090.497	50.318	0.021	0.031	2.590	3.178	06-11-2021	51173000	6	4
"458"	40°26'18.16601"N	17°47'43.96080"E	94.891	1.802	PD Fixed	4628746.945	1485731.036	4115214.749	4480168.481	737108.981	51.092	0.015	0.026	2.280	2.778	06-11-2021	51198000	6	4
"459"	40°26'18.50460"N	17°47'43.83571"E	94.797	1.802	PD Fixed	4628741.328	1485726.137	4115222.636	4480178.829	737105.703	50.998	0.015	0.029	2.309	2.822	06-11-2021	51214000	7	3
"460"	40°26'18.38669"N	17°47'42.54546"E	93.634	1.802	PD Fixed	4628752.024	1485697.633	4115219.114	4480174.230	737075.415	49.833	0.020	0.026	1.878	2.306	06-11-2021	51635000	8	5
"461"	40°26'17.35061"N	17°47'31.31510"E	93.548	1.802	PD Fixed	4628852.584	1485451.927	4115194.734	4480133.903	736811.803	49.738	0.023	0.030	2.147	2.631	06-11-2021	51725000	7	4
"462"	40°26'15.19836"N	17°47'07.81279"E	94.041	1.802	PD Fixed	4629063.170	1484937.762	4115144.525	4480050.033	736260.107	50.212	0.017	0.028	2.074	2.530	06-11-2021	51845000	8	5
"463"	40°26'14.27927"N	17°46'59.59283"E	97.342	1.802	PD Fixed	4629142.245	1484759.669	4115125.089	4480015.579	736067.310	53.507	0.018	0.026	2.048	2.495	06-11-2021	51935000	8	5
"464"	40°26'11.30116"N	17°46'47.12749"E	99.866	1.802	PD Fixed	4629290.533	1484498.691	4115056.808	4479914.482	735776.475	56.024	0.032	0.043	2.854	3.537	06-11-2021	52044000	7	5