Name:

Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES End Semester Examination (Online) – July, 2020

Program: MBA (Energy Trading)
Subject/Course: Energy Trading II (Power & Emissions)

Course Code: OGET7005

Semester: 2nd Max. Marks: 100 Duration: 3 Hours

Marks

IMPORTANT INSTRUCTIONS

- 1. The student must write his/her name and enrolment no. in the space designated above.
- 2. The questions have to be answered in this MS Word document.
- 3. After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.

				Marks	COs
Q.1	M/s Turbulent Wind Fa based generating station Central and the State installation and operation for renewable energy k measures need to be a energy?	20	CO2, CO3		
Q.2	M/s Central Electricity S Distribution Company (S Period of banking: 1st Jur Quantum Banked by CES 01.06.2020 to 15.06.2020 16.06.2020 to 30.06.2020 01.07.2020 to 12.07.2020 to 31.07.2020 to 31.07.2020 Calculate the volume returnable under the follower period of Return: 1st Mar Duration of Return of por Return has to be:	PDC) engage in Banking 2020 to 31 st August 2 SC: 00.00 to 06.00 & 23.00 to 24.00 00.00 to 24.00 00.00 to 24.00 00.00 to 24.00 00.00 to 24.00 (in units) and Quant owing condition: cch 2021 to 31 st May 202	19 of power. 2020 70 30 50 60 95 wm of Power (MW)	20	CO2, CO3, CO4

	1. 90% of the energ	gy banked.					
	2. 110% of the energy banked						
Q.3	Under Bilateral sale of Power, an Application for Advance Scheduling of Bilateral Transactions can be submitted for up to 4 months in advance to the SLDC/RLDC. In this regard, what are the timelines for submission of the application for the 1 st , 2 nd , 3 rd and 4 th month respectively					20	CO3, CO4
	M/s Sweet Sugars Ltd (SSL), located in Maharashtra has installed a Captive Power Plant and is connected to 132kV MSETCL Substation. The industry experiences the following production seasons:						
	Production Sea	son		Duration			
	Peak Season		No	vember to March			
	Off-Peak Seas	on	A	pril to October			
	Following is the availability of power during peak and off-peak season along with the cost of generation:						
	Production Season	Quantur	n (MW)	Cost of Genera (Rs/kWh)	tion		
	Peak Season	10		3.25			
	T can beabon	1,	U	3.23			
	Off-Peak Season SSL sells the power thr utilized in the sugar plan	ough power	0 exchange.	2.75 Power if unsold	can be		
0.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh)	can be	20	ĺ
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68	can be	20	ĺ
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July	ough power	0 exchange. he exchang	2.75 Power if unsold of is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July August	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July August September	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20 3.19	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July August September October	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20 3.19 3.21	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July August September	ough power	0 exchange. he exchang	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20 3.19	can be	20	CO3,
Q.4	Off-Peak Season SSL sells the power thrutilized in the sugar plan Month January February March April May June July August September October November December In capacity of the Mana are suitable to sell the calculations.	ger In-Charge power. Su	ge for sale	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20 3.19 3.21 3.70 3.72 of power, which n	nonths	20	CO3,
Q.4	Off-Peak Season SSL sells the power thr utilized in the sugar plan Month January February March April May June July August September October November December In capacity of the Mana are suitable to sell the	ger In-Charge power. Su	ge for sale	2.75 Power if unsold of e is as follows: ICP (Rs/kWh) 2.99 3.68 3.67 3.18 3.16 4.10 3.18 3.20 3.19 3.21 3.70 3.72 of power, which n	nonths	20	CO2, CO3, CO4

	Withdrawal				
	Maharashtra State	2.30%	Rs. 0.22/kWh		
	Maharashtra Distribution	10%	Rs. 0.35/kWh		
	According to the Report on Short-term Power Market in India: 2018-19 published by CERC, following table shows the tariff at which power is traded by Trading Licensees and Power Exchanges. The gap between tariff discovered by Traders and Exchange is constantly reducing.				
	Year	Price of Electricity Transacted through Trading licensees (Rs/kWh)	Price of Electricity Transacted through Power Exchanges (Rs/kWh)		CO2, CO3
Q.5	2013-14	4.29	2.90	20	
	2014-15	4.28	3.50		
	2015-16	4.11	2.72		
	2016-17	3.53	2.50		
	2017-18	3.59	3.45		
	2018-19	4.28	4.26		
		d why this gap is const	are the probable reasons antly reducing. Suitable o support your answer.		

ANSWERS