## Chapter - 3 Electrical Supply System & Molores

- Types of Supply:

  1) DC Supply: 21E 27th Hotel of Supply & 13 Hotel

  Fugurey 0 Sid & supply Value

  Constant Sid & 21E supply doubt Sid on the constant Sid & 1 21E supply doubt Sid on the constant of the c
- 2) AC Supply: 4E 20 Hall al supply It Identh foregrowing 50H2 2T 60HZ ETAT E | Settler Value Variable ETAT E | AC DC AT OFF dangeous State E | 27 AC Generation AT WILL PAPELL OTT E | 27 AC Generation AT WILL PAPELL OTT
- 3) SMPS: (Switched Mode Power Supply: 
  2E 29 20 20 21 Supply of Intern EH AC

  3HZ DC 91 AT USE 9R 24 AC Supply 3HT of 92

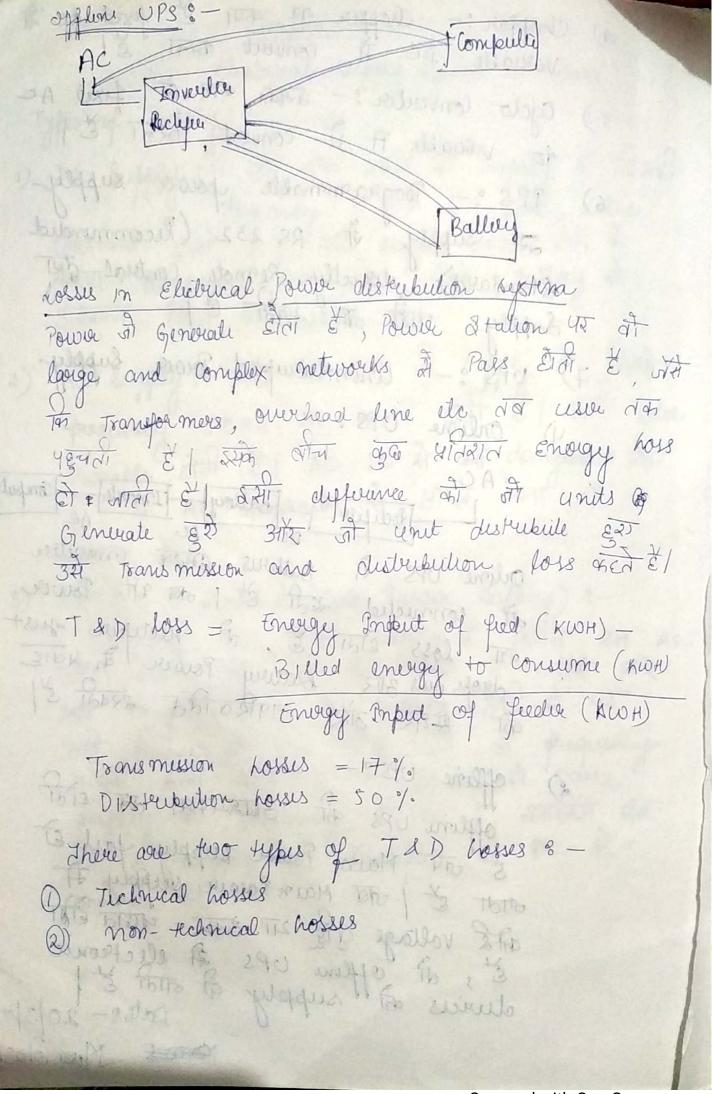
  2HT device of size STOT ET on forgumery

  3HOLD ET AT Suguency SOHZ ET SHIME EH

  SA AC Supply of Rectifier of DC H

  Consent of 2 E

variable DC II convert ment & fexed de \$ apolo converter: - Stan onth & fixed Ac to morable A A convert area & 6) PPS:- Programmable power supply Sil Supply # RS 232 (Recommended Standard directly Remote Control of RI Supply and on 21901 &1 7) UPS: - Uninterbupted Power Supply i) Online UPS:-AC Redifier De Beilloy Inverter Ac Computer Orline UPS A Battirus EARIF Invention at connected seal & on all Power on loss star & at suctifeur just deops outs 3/12 Battley Power & Horse को स्थिर और अपरिवार्ति ब्रवती है। 2) offline UPS:offline UPS of 31102440 da Eidi & JA Main Power supply fail E street & 1 std Main Power supply A कौर्ड voltage सिंह या उत्र - पटाल होता É, at offlin UPS A electronic duries and supply of state ?- 20/3/20 Messy Bhasker



Merice Melatons Main measons of Technical losses: hengthy distrubution hime: - strat it lines and an anse at losses seriar etar Et, 4211an det supply dat an fort Nelwork feeding on use del jarri stat diora Radial feeding on use in state Conductoers on se size of sial:-31012 modern conductors station of 1924 जा रहे हैं तो पैसा वनाने के लिए मध्यापु Li losses de sta É Distrubution Transformer on hoad center of QZ EITI: - 3012 distubution transformaci di wood center of gr in sin di Radial feeding & GILI supply of stat & BANKET Radial hoad factor: - Avg load ma specified time hoad factor = Re Peak load dwing that Power consumption of cristomors voices thorough out the day. Residental consumble generally duan highest Poiose demand in the evening houses. Commercial consumer generally draw highest Power in the early afternoon o to I that's why load factor I vois from o to I Dale: - 23 3 20

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understanding Electricity Bills: i) Electrical Facults: - Load 3 Hours in 21 classified De &:- (a) Domustic (b) Commoucial sa roads às according tariffs voites stid 21 and domained and of 31/2 Domestic hoad 31 2198 and demond one of Time which load is demonded: - That is self & STITE OF extra generalor on use the LET E, Powa supply of Fire of 327 requirement of Grant &22 Powa suppling Company 31/4/05 पेसा लेता है 3) Power fector of load: -317 & HP Power factor & Tower demand 52191 होता है इसलिए इस देशन पेसे की साग डयावा होती है। Amount of energy we ? - EH Fort of Garages Formal we and & 321 an According changes and & self of energy changes area &!

C = Ax + By +D C = Total charges A = cost max demand use Where D = fixed Changes B = Cost por Killo watt touce of energy consumor y = Kwh used by x = max demand Ax = Semi fixed charges

By = Running charges Muss K Bhaskee Date : - 25/3/20