



H.P. Power Transmission Corporation Limited
(A State Govt. Undertaking)
Barowalias House, Khalini, Shimla-171002
(Telefax: 0177-2626284)

NO. HPPTCL/STU-Vol-IV/2014- 6111-33

Dated:- 17/12/14

To

Managing Director,
HPSEB Limited,
Vidyut Bhawan, Kumar House,
Shimla-171004.

Subject: - 38th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP at Shimla on 19.11.2014 –Minutes of Meeting.

Sir:

Minutes of 38th meeting of STU Coordination Committee held on 19.11.2014 in the Committee room of Govt. Secretariat at Shimla are enclosed for information and necessary action please. Minutes have also been hosted on the official web site of HPPTCL i.e. www.hpptcl.gov.in.

Yours faithfully,

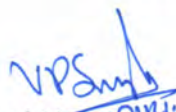

General Manager (C & D)

Copy to:-

1. Sr. P.S. to Pr. Secretary (Power), GoHP, Shimla-171002 for information of Pr. Secretary please.
2. Director, Energy Directorate, Shanti Bhawan, Phase-III, Sector-VI, New Shimla-171009 for information and necessary action please
3. Managing Director, HPPTCL, Barowalias House, Khalini, Shimla-171002 for information of Managing Director please.
4. Spl. Secretary (Power) to GoHP, Shimla-2 for information of Director (Projects) action please.
5. Director (P & C), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information and necessary action please.

6. Director (Projects), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information and necessary action please.
7. Director (Electrical), HPPCL, Himfed Bhawan, Panjari, Old MLA Quarters, Shimla-171005 for information and necessary action please.
8. Sh. C.M. Walia, Secretary General, HPPF, Top Floor, Uttam Bhawan (near 103 Tunnel), Shimla-171004 (Ph: 0177-2810466) for information and necessary action please.
9. Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla-171009 for information and necessary action please.
10. Superintending Engineer, HP Load Despatch Society, SLDC Complex, Totu, Shimla-11 for information and necessary action please.
11. M/S Kapil Mohan & Associates Hydro Power Private Limited, SCO 140-141, Sector-34 A, Chandigarh (UT) (Fax No. 0172-2602863) for information and necessary action please.
12. Sh. S.N. Kapur, Gyamba House, South End, Lane-IV, Sector-1, New Shimla-9 (Fax No. 0177-2670013) for information and necessary action please.
13. M/S NSL Tangnu Romai Power Generation Private Limited, B-127, First Floor, Sector-2, Noida-201301 (U.P) (Fax. No. 0177-2670297) for information and necessary action please.
14. M/S Sai Engg. Foundation, Sai Bhawan, Sector 4, New Shimla for information and necessary action please.
15. M/S Fozal Power Pvt. Ltd, 1421-23, Ansal Tower, 38, Nehru Place, New Delhi-110099 (Fax No. 011-26281910) for information and necessary action please.
16. M/S Kunchanjunga Power Company (P) Ltd, Distt. Gautam Budh Nagar, B-37, Sector-1, Noida-201301, U.P for information and necessary action please.
17. M/S Kapil Mohan & Associates (P) Ltd, SCO 140-141, Sector-34 A, Chandigarh (UT) (Fax No. 0172-2602863) for information and necessary action please.

18. M/S Padhas Hydel Projects (P) Ltd. for information and necessary action please.
19. Sh. A.K. Pandey, DGM- Hydro Power Development, L & T Himachal Hydro Power, 201, 2nd Floor, HL Wings, MLU, Pocket-04, Sector-11, Dwarka, New Delhi-110075 for information and necessary action please.
20. Sh. O.P. Ajmera, Chief Executive Officer, AD Hydro Power Limited, Bhilwara Towers, A-12, Sector-1, Noida-201301 (NCR-Delhi) for information and necessary action please.
21. M/S MPCL, Bhilwara Towers, A-12, Sector-1, Noida-201301, NCR- Delhi. (Fax No. 0120-2531648) for information and necessary action please.
22. M/S Darjeeling Power Limited, Empire House, 3rd Floor, Dr. D.N. Road, Fort Mumbai-400001 (Fax No. 0177-2645108) for information and necessary action please.



General Manager (C & D)

**Summary Record of discussions in the 38th meeting of STU
Coordination Committee held on 19.11.2014 under the
chairmanship of Pr. Secretary (Power)**

The 38th meeting of STU Coordination Committee was held on 19.11.2014 under the chairmanship of Pr. Secretary (Power) in the Committee room of H.P. Secretariat to discuss various agenda items circulated vide HPPTCL letter No. HPPTCL/STU-Vol-IV/2014-5113-33 dated 12.11.2014. The List of participants is as per **Annexure-I**. During the discussions, following decisions were taken/action noted:

1. **Evacuation arrangement for Beaskund (9 MW) & other SHEPs in Palchan Valley:-**

**33/220 kV, 31.5 MVA sub station in the yard of Allain
Dhuangan HEP:**

Committee was apprised that:

- Purchase Orders for 245 kV Circuit Breakers, 245 kV and 33 kV C & R Panels, Batteries, Battery Charger and DCDB have been placed on 1.10.2014. Scheduled delivery date for 245 kV CB is 31.3.2015 and for other equipment is 31.1.2015.
- Committee took strong exception to the stoppage of work ordered by project authorities of Allain Dhuangan HEP on 1.11.2014 which has not only led to further delay in commissioning of the sub station but has also resulted in loss to the Contractor for mobilization of the equipment.
- Representative of ADHPL sought one week time to settle all the pending issues which have hampered the ongoing works.
- Committee directed that all the pending issues be sorted out and under no circumstances work should be held up.
- HPPTCL and ADHPL shall immediately take action to resolve all the issues and HPPTCL shall apprise the

committee of the completion date of the sub station in its next meeting.

33 kV D/C Palchan-Prini line:

- *Forest Clearance*
- FCA case under process will be resubmitted to forest Department in December, 2014 in conformity with guide lines issued on 5.5.2014.

2. Construction of 4 Nos. Transmission Projects to be built by HPPTCL with Financial assistance by ADB (Tranche-1): -

i) **22/66/220 kV, (22/66 kV, 2x10 MVA+66/220 kV, 31.5 MVA) GISS at Bhoktoo +LILLO of 220 kV Kashang- Bhaba Line-**

22/66 kV portion- Revised time line-**31.12.2014.**

Progress of ongoing works was reported as under:

220 kV GIS Building-

- No further progress other than that reported in 36th meeting held on 4.7.2014.
- Work for protection work for stabilization of slope of 220 kV yard has been awarded on 24.9.2014 and is in progress.

- ***22 kV GIS Building-***

- 60% brick work of ground floor and RCC works (columns & beams & RCC wall 66 kV side) of first floor completed.

- Road survey agency engaged to survey the Urni road for carriage of 66/22 kV transformer to Bhoktoo site.

- ***66 kV GIS Building:***

- Painting work 25% completed.

- Interim arrangements to evacuate power of Shaung (3 MW), Brua (9 MW) and Rala (9 MW) HEPs discussed in 37th meeting of the Committee were further taken up for deliberations.

- Director (Technical), HPSEBL informed that there are capacity constraints in their 66 kV Nathpa-Ghanvi-I-Kotla S/C line and under the present loading conditions, only 3 MW additional power can be evacuated. In order to evacuate power of other projects through HPSEBL system till regular arrangements are commissioned by HPPTCL, 66 kV Nathpa-Ghanvi-I- Kotla line along with 66/220 kV transformer at Kotla shall require augmentation and, for terminating one circuit of 220 kV Kashang-Bhaba line (charged at 66 kV) at Nathpa, 66 kV bay shall have to be installed. Cost of these works shall have to be shared by the IPPs.
- Committee directed HPSEBL to immediately call a meeting of all the IPPs and devise a mechanism for sharing of cost and early completion of interim arrangements.
- HPPTCL was directed to expedite the completion of 66/220 kV portion on priority and commission it by August, 2015.

ii) 220/400 kV, 315 MVA GISS Pragati Nagar+ LILO of both circuits of 400 kV Jhakri- Abdullapur D/C Line.-COD-30th June, 2015.

- The work of retaining wall is in progress (7 mtr. Raft concreting completed).
- Matter regarding approach road to site through Pvt. Land has been finalized. Owner expects quip pro quid and wants the release of his power connection for allowing access.
- HPSEBL assured to extend help for early release of power connection.

iii) 220 kV D/C High Capacity Line from Hatkoti to 220/400 kV GISS Pragati Nagar.-COD- 30th June, 2015.

- FCA case for diversion of forest land for Stage-I submitted to MOEF, New Delhi has been returned for revision in conformity with fresh guide lines issued on 5.5.2014. Case is being revised and shall be resubmitted by 15.12.2014.
- Committee constituted for acquisition of private locations.
Committee directed HPPTCL to expedite the clearance process.

iv) 66/220 kV, 2x80/100 MVA+220/400 kV, 2x315 MVA GISS at Wangtoo+ LILO of 220 kV line and 400 kV connectivity COD- COD -220 kV portion-31st October, 2015 and 400 kV portion-30th April, 2016.

- Revenue Department to transfer the land to Power Deptt. and there after it shall be transferred to HPPTCL.
- Schedule shall be reworked after take over of the land.

3. Construction of 33/220 kV GIS sub-station at Phojal in Naggur Valley:

33/220 kV, 100 MVA GIS sub station at Phojal (Revised Time Line-15.1.2015):

Committee was informed that there is a slippage in the commissioning of the sub station. Sub station shall now be commissioned by January, 2015.

Progress of ongoing activities is as under:

- a: **Control Room Building:** 220 kV and 33 kV C & R panels erected. Testing of internal wiring completed. Sub station Automation system panels and FOTE Panel erected.

- b: **220 kV GIS Building:** Erection of 220 kV GIS completed. Sub station assembly completed. Minor defects detected shall be rectified in a week.
- c: HT cables for 4 Nos. 33 kV line bays, 3 transformers & 1 station transformer have been laid & power cabling work between 220 kV GIS and C & R panels completed.
- d: **Transformer Erection:** All the three units of power transformers erected. Erection work of 4th (spare) unit is also completed except damaged material, which is yet to be received. Neutral formation work is in progress.
- Committee was apprised that interim arrangement for evacuation of power of Baragaon HEP (24 MW) i.e. LILO of 33 kV Naggar- Bajaura line is under implementation by the Developer of Baragaon HEP with costs to be reimbursed by HPSEBL. The work is in progress and shall be completed in 10 days.

LILO of 220 kV Prini- Nalagarh Line (Revised Time Line-31.12.2014):

- a: Work on laying of foundations i/c protection work has been completed on 23 locations and 2 No. legs of 24th tower location (total locations 24 Nos). is in progress on 6 locations. 14 towers have been erected and work is in progress on erection of 3 more towers. Sagging work of 1.022 Km out of total 6.8 Km completed.
- b: Tower material of 5 No. towers (3rd lot) received on 21.10.2014.

The Line shall now be completed by **15.1.2015**.

4. Valley wise Transmission Plan for Palampur Zone, Satluj Basin (up to Wangtoo) and Ravi basin (Chamba & Gharola Zones):

i) Short term arrangements for evacuation of Small Hydel Power in Palampur Zone.

a 33 kV Baner- Darang- Kangra line.

The loan against scheme has been sanctioned by M/s REC Ltd during Feb, 2014. The FRA case under process.

Time line for execution-**30.6.2015.**

b 33 kV Maranda- Nagrota- Kangra

Loan sanctioned by M/s REC on 20.8.2014.the FRA case under process.

Time line for Commissioning:-**30.6.2015.**

c 33 kV Baner-Sidhpur & Kangra

Loan sanctioned by M/s REC Ltd. During 1st week of March, 2014. The work is also included in KfW loan.

Tender opened on 20.7.2014 and under process.

Time line for execution- 30.6.2015.

d 33 kV Baijnath-Bassi line.

Loan sanctioned by M/s REC

i) Tenders for the line portion between Baijnath to Chauntra have been invited and being processed by CE(OP) North.

ii) CE(OP) CZ, Mandi has executed the work falling under their jurisdiction i.e. Bassi to Chauntra.

Time line for Commissioning-**31.03.2015**

ii) Evacuation arrangements for Small HEPs in Satluj Basin (up to Wangtoo):

a. 66/22 kV sub-station work at Ani (Nagan) has been completed and ready for testing.

b. **LILO of 66 kV Guma-Kumarsain line:**

- work awarded on Turnkey basis to M/s M.G. Engg. works, New Delhi.
- Land acquired for all 30 Nos. towers. Out of 30 Nos Towers Excavation works of 28 Nos. towers completed. Stubbing for 22 Nos. towers is completed.
- The Tower material for 18 Nos. towers has been received at site till now. Erection and 6 Nos Towers completed. Revised time line **31.01.2015**.

iii) **Evacuation arrangements for Small HEPs in Ravi Basin (Chamba & Gharola Zones)**

a: i) **33 kV D/C line between Holi and Gharola:**

The Tender again invited for execution of the work for construction of 33KV Holi to Gharola.

Time line-30.6.2015.

ii) **33 kV D.C Line between Gharola and Bharmour:**

The work line has been awarded by CE (OP) North and 85% work has been completed.

Time line-31.3.2015.

b **Construction of 33/220 kV GIS sub-station at Karian:**

- The substation work completed and 33 kV portion of the sub station commissioned on 3.9.2014.
- **220 kV S/C line on D/C Towers from Karian to Chamera pooling station (Revised Time Line-15.1.2015):**
- 7 No. out of 18 nos. wrongly casted stubs have been recasted and 3 new stubs casted.

- 4 nos. already erected. Erection work at tower location 10 & 12 is in progress.

5. Restoration of 220 kV Kashang- Bhaba D/C Line (revised Time Line-31.12.2014)

Progress of the line was reported as under:

- De-stringing work in progress at tower No. 3-5.
- Earth cutting work at tower No. 38-39 is in progress.
- Re-stubbing of Leg D at tower No. 83 completed.
- 85% earth cutting work at tower No. 83-84 completed.
- Purchase order for additional material required has been placed on 1.10.2014. Material likely to be received by 30.11.2014.
- Tree cutting work shall be completed by 25.11.2014.
- Financial concurrence obtained by circulation in BOD of HPSEBL and Administrative Approval shall be issued by the last week of November, 2014.

6. Progress Review of Transmission Projects planned to be built with ADB Loan- Tranche-II

i) 66 kV GIS Switching station at Urni and 66 kV Urni-Wangtoo D/C Line: (Revised Time Line Jan, 2016)

a) 66 kV GIS Switching station at Urni:

- Mobilization advance released on 14.10.2014.
- Site handed over to the Contractor on 14.10.2014.
- Initial activities i.e. survey work, preliminary engineering design and drawing activities initiated by the firm. .

b) 66 kV Urni-Wangtoo D/C Line:

- FBER sent to ADB for approval on 15.11.2014.
- FCA case submitted to MOEF for Stage-I clearance has been returned for revision of ROW in accordance with fresh guide lines issued on 5.5.2014.

- ii) 33/220 kV, 50/63 MVA GIS sub-station at Lahal with 220 kV Lahal- Budhil S/C Line:
- a) 33/220 kV, 50/63 MVA GIS sub-station at Lahal (Time Line -Aug, 2015):
- Work awarded on 20.9.2014.
- b) 220 kV Lahal- Budhil S/C Line (Time Line-Aug, 2015):
- FBER sent to ADB for approval on 18.11.2014.
 - Case is being pursued with MOEF for transfer of land.
- iii) 132/220 kV, 2x100 MVA GIS sub-station at Sunda (Time Line-October, 2015):
- Tender opened on 15.10.2014. TBER under process.
- iv) 220 kV Sunda- Hatkoti D/C Line (Time Line-October, 2015):
- Forest case returned by Forest Deptt. Is being revised.
 - FBER sent to ADB for approval on 17.1.014.
- v) 220 kV Switching Station at Hatkoti (Time Line-October, 2015):
- Site under finalization.
- vi) 33/132 kV, 2x25/31.5 MVA GIS sub-station at Chambhi (Shahpur) with LILO of 132 kV Dehra- Kangra S/C Line (Time Line-February, 2016):
- Tender opened on 30.9.2014. TBER under process.
 - Site to be finalized by 31.12.2014.
- vii) 33/132 kV, 2x25/31.5 MVA GIS sub-station at Barsaini (March, 2016):
- *Land Acquisition:* Site has been finalized and the same shall be purchased after approval of BOD.
- vii) 132 kV D/C Line from Barsaini to 132/220 kV Charor Sub-station (Time Line April, 2016)

- FCA case returned by Forest Deptt. is being revised and shall be resubmitted by 31.12.2014.
 - FBER sent to ADB for approval on 18.11.2014.
- ix) **132/220 kV, 126 MVA GIS sub-station at Charor (Time Line-May, 2016):**
- NIT floated on 8.11.2014 and bid is due for opening on 29.12.2014.
- x) **220 kV Charor- Banala D/C Line (April, 2016):**
- *Forest Case:* FCA case with Nodal Officer Shimla. Observations raised by Nodal officer have been attended to and case resubmitted to Nodal officer.
 - FBER sent to ADB for approval on 12.11.2014.
- xi) **33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016):**
- TBER under process.
 - Meeting with BBMB authorities fixed in December, 2014 for transfer of site.

7. **Construction of IPPs' lines by HPPTCL**

- **132 kV D/C line from Tangnu Romai (44 MW) HEP to 132/220 kV GISS Sunda:**
 - Forest case returned by Forest Deptt. is being revised.
 - Funds for construction of the line approved under Green Energy Corridor scheme of Gol.
- **220 kV Snail (Sawra Kuddu HEP) - Hatkoti D/C line**
 - The FCA case returned by forest Deptt. is being revised.

8. **Transmission System for supplying construction power and evacuation of power from Chhoo (3.5 MW) and Tindi (4.4 MW- proposed to be revised to 5 MW):**

- HPSEBL informed that a meeting was held with the developer to suggest way forward for construction of high voltage evacuation line in the hostile terrain but

the matter is still under consideration due to lack of expertise of construction of lines in the hostile terrain.

- Representative of M/S L & T Power requested for early finalization of evacuation arrangement as TEC for his project is held up for want of confirmed evacuation arrangement.
- Committee directed HPSEBL to resolve all the pending issues at the earliest.

9. **Grant of Connectivity at Sub Stations under implementation by HPPTCL:**

- Director (Technical), HPSEBL informed the Committee that as per HPERC Regulations, DISCOM is not required to apply for connectivity to HPPTCL. However, they are ready to pay the cost for 33 kV bays kept for them at Phojal, Karian and Bhoktoo and also pay O & M charges.
- Director (Projects), HPPTCL apprised that, in case, bays kept at HPPTCL are used by HPSEBL for injection purpose, status of HPSEBL shall be treated as that of IPPs who have to apply for connectivity as per the Procedure.
- Committee directed HPPTCL & HPSEBL to revisit the issue of connectivity and apprise it in its next meeting.

10. **Evacuation of Toss (10 MW), Jirah (4 MW) and Chakshi (2 MW) SHPs through 132 kV Malana-I -Bajaura D/C line of M/S MPCL:**

HPSEBL apprised the Committee that:

- The details submitted by M/S MPCL are being scrutinized. The firm has been requested to depute their representative for clarifying the claim deposited by them.
- M/S MPCL has submitted revised calculation on 11.11.2014 in line with Hon'ble Supreme Court orders in Civil Appeal No. 1795/2013. Wheeling charges for Toss HEP amounting to ₹ 2,71,55,805/- case are under process for funding the wheeling charges.
- Committee directed HPSEBL to expedite the release of pending payment.

11. **Evacuation arrangement for Rukti-II HEP (5 MW)**

- Committee was apprised that there are certain issues to be discussed with developer of Shaung & Brua HEPs before proposal to evacuate Rukti-II HEP (5 MW) in joint mode with these projects up to 66 kV switching station under construction by HPPTCL at Urni is firmed up.
- Committee directed HPSEBL to finalize the arrangement at the earliest.

12. **Establishment of 132/33 kV sub station at Nagri by M/S SPML with 132 kV S/C Line up to 132/33 kV sub station Dehan of HPSEBL:**

In its 37th meeting held on 6.9.2014, Committee had approved HPSEBL proposal to make 132 kV S/C line from Nagri to Dehan on D/C towers and take 2nd circuit from Dehan to Drung Patti on these towers.

HPSEBL apprised that they have taken up the matter with M/S SPML for undertaking joint survey to ascertain the stretch where D/C towers are required.

13. Four laning of Kiratpur to Ner Chowk Section of NH-21 from 73.200 to Km 186.500 in the state of Punjab and Himachal Pradesh. Shifting of Transmission Tower constructed by AD Hydro Power Ltd. Near village Jadol thereof:

Committee was apprised that in pursuance of meeting taken by Pr. Secretary (Power) on 27.8.2014, M/S ADHPL have submitted the cost estimate for shifting of tower of 220 kV line which is being evaluated by HPPTCL for prudence checks. It was agreed that:

1. HPPTCL shall vet and send the cost estimate to NHAJ within a week time.
2. NHAJ shall deposit the money with ADHPL within 15 days after receipt of the vetted cost estimate.
3. M/S ADHPL shall shift the tower within 6 months after deposit of the cost by NHAJ.

Next meeting of the Committee shall be held in the 1st week of January, 2015.

Meeting ended with a vote of thanks to the chair.

Annexure-I

List of the Participants present in the 38th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP on 19.11.2014 at Shimla.

HPPTCL

- | | | |
|----|-----------------------|---------------------------------|
| 1. | Sh. S.L. Sharma- | Managing Director |
| 2. | Sh. S.K. Sharda- | Director (Planning & Contracts) |
| 3. | Sh. K.S. Attri- | Director (Projects) |
| 4. | Sh. V. P. Singh- | General Manager (C & D) |
| 5. | Sh. Kaushlesh Kapoor- | DGM (Projects) |
| 6. | Sh. Harish Kapoor- | DGM (Contracts) |
| 7. | Sh. S.K. Sharma- | Sr. Manager (Planning/IT) |

HPSEB Limited

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|----|-----------------------|----------------------|
| 1. | Sh. P.C. Negi- | Managing Director |
| 2. | Sh. R.K. Sharma- | Director (Technical) |
| 3. | Sh. Rajender Bhasker- | S.E (S.O. & P) |
| 4. | Sh. M.L. Sharma- | XEN (SO & P) |

Energy Directorate

- | | | |
|----|--------------------|----------------|
| 1. | Sh. S.P. Gupta- | Chief Engineer |
| 2. | Sh. P.K.S. Rohela- | S.E. |

Himurja

- | | | |
|----|------------------|----------|
| 1. | Sh. K.L. Thakur- | Director |
|----|------------------|----------|

HPPCL

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|----|------------------|------------------|
| 1. | Sh. A.C. Sandal- | G.M (Electrical) |
| 2. | Sh. B.S. Negi- | DGM (Elect) |

HPPF

1. Sh. C.M. Walia- Secretary General

M/S Taranda Hydro Power

1. Sh. S.N. Kapur- Director

M/S Kunchanjunga Power (P) Ltd

1. Kr. Uday Pratap - Director

M/S Kapil Mohan & Associates (P) Ltd

1. Sh. Anil Sharma- AVP

M/S L & T Power Development Ltd

1. Sh. Rajinder Pirta- Project Coordinator

M/S Door Sanchar Hydro Power (P) Ltd

1. Sh. G.A. Naidu- Director
2. Sh. Rajiv-

M/S Brua Hydro Watts (P) Ltd

1. Sh. S.K. Tiwari- Sr. Vice President
2. Sh. Anil Dogra- G.M.

M/S Darjeeling Power (P) Ltd

1. Sh. M.N. Ramachandran- Director
2. Sh. Rohit Sharma- G.M
3. Sh. Deepak Bhandari- L.O.

M/S Fozal Power Private Limited

1. Sh. Amit Chugh- Managing Director
2. Sh. G.D. Gupta- Sr. Vice President

M/S ADHEPL

1. Sh. Sumit Garg- G.M

2. Sh. P.K. Giri- CPE

3. Sh. T.K. Trehan- AVP

National Highway Authority of India

1. Sh. Satish Kaul- P.D.